

BELL TELEPHONE NEWS

ONE POLICY

UNIVERSAL SERVICE

ONE SYSTEM

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Team Work in Invention

Moving picture plots and the popular fiction of the day abound in incidents showing the poor but brainy inventor hugging to his breast, or gloating over in his garret, the model of a device which is to revolutionize some industry and bring wealth to the inventor. Another scene or chapter usually shows the silk-hatted czar of the affected industry attempting either to steal the invention outright or acquire it for a pittance.

This represents the popular conception—perhaps slightly exaggerated—of inventors and inventions. The inventor is supposed to have some particular gift which enables him to make discoveries which are beyond the vision of his less talented fellows.

In point of fact, the great majority of useful inventions are produced by the engineering and scientific departments of the great corporations. The work which the inventions departments of the corporations are doing could never be accomplished by independent inventors of ordinary means. For instance the development of the tungsten filament lamp was made possible only by the outlay of millions of dollars on both sides of the Atlantic in research laboratories. It is no disparagement of the genius of Edison to say that the incandescent lamp could never have become the practical utility which it is today in the form in which he produced it twenty-five years ago. Likewise the telephone, when given to the world by Bell was not in proper form for commercial development and had to be modified by a half dozen or more later inventors. And to the development of

commercial telephone systems men have devoted their lives. Charles E. Scribner, of the Western Electric Company, has taken out about 1,000 patents on devices and methods connected with the development of the telephone as a commercial utility.

The truth is that after a pioneer invention has been conceived, problems in its commercial and practical development are encountered which it is impossible for a single man to solve. The development of the tungsten lamp from Edison's original carbon involved researches in metallurgy, chemistry, physics, optics, physiology, spectroscopy, microscopy and a half dozen other sciences, of which it is obviously impossible for one single man to be master.

Team work in invention is therefore imperative. The investigator working alone may make a discovery and many such are on record. But consistent improvement in any art or industry is most likely to proceed from the laboratories and workshops of the great business organizations engaged in the commercial development of that art or industry rather than from the efforts of independent inventors.

The inventions and engineering departments of the large corporations are therefore indispensable. But it need not be supposed that they are narrowing the opportunities of the independent inventor. The field of invention is wide open to any engineer, mechanic or electrician with a fertile mind. Nor need it be supposed that the chances for reward are small to those engaged in the research work of the corporations. Charles P. Steinmetz, chief engineer of the General Electric Company, receives a salary greater than that of the president of the United States.

Correspondence

In a large business organization correspondence necessarily has to be handled by a number of persons. This makes imperative a proper routine and, to some extent, a uniformity. On this subject the *Pacific Telephone Magazine* gives some valuable hints:

"Many filing and identification systems are followed but usually all letters in a systematized business now have a subject; generally at the top, and a file number or the initials or identification mark of the dictator and stenographer at the top or bottom. These are necessary in order to properly file correspondence and to readily locate replies.

"When a letter is answered and no mention is made of the subject, initials or identification mark of the dictator, or file number, as shown on the letter under reply, it is often very difficult for the person addressed to locate the correspondence. Employes should bear in mind that the subject and other identification marks of a letter serve a most important purpose. Accuracy and the saving of time mean a smooth-running business. Be as

careful of another's time and as considerate of his convenience as you would wish him to be of yours—in other words, bring the Golden Rule into this part of your daily routine."

Troubles in Canada

The province of Manitoba, Dominion of Canada, has been engaged for about six years in the operation of its telephone service under government ownership.

There is a well circulated impression on this side of the border that there is less "politics" in Canada than in this country and that political affairs generally are conducted with less "graft" and other undesirable accompaniments, so commonly charged as being inseparable from the same affairs as conducted in this country. Certain it is that politics in Canada is no worse than in the United States. Peculiar interest therefore attaches to the following editorial, appearing in a newspaper at Winnipeg under date of June 30, 1914:

Great boasting about their telephone system appears in the Roblin Government's campaign literature. There is, however, nothing to boast about. The service is nothing wonderful, while the rates, with the possible exception of British Columbia, are the highest in Canada. An investigation by Government commissioners two years ago showed political manipulation, favoritism, incompetence and graft in the administration of the system. The heavy losses made by the system during its first four years of operation were made the justification for an attempt to increase the rates in 1912 to an extortionate degree. Though this attempt was balked, a milder measure of higher rates was put into force. Even with these increased receipts, the telephone system, on its own showing, earned only three-tenths of one per cent. last year; and it did this by failing to set aside anything for a sinking fund.

Winnipeg is not alone in her telephone troubles. In Calgary, a principal city of the province of Alberta, discontent has likewise developed. Alberta, like Manitoba, operates the telephone service of the province as a government department. In Calgary the rates have recently been raised on all classes of service in amounts ranging from \$4 to \$14 annually, bringing the charges up to, approximately, the Bell rates in other parts of the country, thereby doing away with the main advantage expected to result from government operation.

Mr. Vail's Interview

The comments of President Vail on the present and future of business are of great interest and a careful reading of his interview which appears elsewhere in this issue is recommended.

Chicago-McHenry Aerial Toll Cable

Many Interesting Engineering and Construction Features in Longest Overhead Toll Cable Line in Existence, Just Completed by Chicago Telephone Company.

In Illinois and Wisconsin north and northwest of Chicago, is a rich farming country broken by a chain of lakes which offer exceptional boating and fishing opportunities. It forms an extensive and luring summer resort district which, being within easy reach of the metropolis, is much frequented by Chicago business men and their families. During the hot weather months, the excellent automobile roads leading through the territory attract thousands of city people, while the facilities of the railroad companies are taxed to carry the week-end resorters to the lakes. This influx of people naturally brings a large toll traffic to the Chicago Telephone Company, and this desirable business has grown so rapidly in the past few years that the Company's facilities have become inadequate to supply the demands upon them.

Heretofore, service in this territory has been given over open-wire copper circuits strung on pole lines extending north and northwest from the north city limits of Chicago. These pole lines carried forty and fifty wires, but the growth in toll business has been so rapid that at the beginning of this year they were loaded to the limit of their capacity.

Preliminary Engineering Considerations.

In order to provide for the additional circuits recommended by the traffic department for 1914, considerable additional plant was required, and at the beginning of the year the Illinois engineering department prepared a study of the situation in order to determine upon the most economical and satisfactory way of providing facilities into this territory. In this connection, a study of the cost and advantages of placing a loaded toll cable of the latest type was made and figures prepared showing a comparison between the investment and annual charges for this plan and for a plan contemplating the old method of distribution by means of open wire leads and pole lines. The advantages of cable construction over open wire construction from a service standpoint were also taken into consideration, together with the

fact that with the cable distribution, new circuits could be placed in service practically on demand; whereas, under the open wire method of distribution, considerable time must elapse before wire could be strung and the circuits placed in service.

An important feature of this study was the fact that not only was the territory in Lake and McHenry Counties involved, but also that additional facilities were required for all of the cities and

The result of this study showed that a toll cable routed northwest through the Lake Shore cities and west through the lake region to McHenry could be designed and placed in service with a considerable saving over the expense required to continue the open wire method of distribution followed under the old scheme. An estimate was, therefore, prepared and approved providing for cable distribution.

The approved plan provides for an underground toll cable from the Main Office in Chicago to Great Lakes, a point about four miles south of Waukegan, and for an aerial toll cable from that point west to McHenry, with spurs into Libertyville and Grays Lake. It was decided, however, that the aerial portion only of the cable should be built this year, and that enough of the circuits to provide facilities for this year's business would be secured by splicing into the present Chicago-Milwaukee cable, using spare conductors leased from the A. T. & T. Company. The underground portion of the cable will be placed early in 1915 in order that the additional facilities required for 1915 business will be available by July 1st.

The entire plan when completed, will provide an ultimate capacity of 101 new toll circuits, and will utilize upwards of 3,000 poles, 30 carloads. While a very large part of the open wire circuits displaced will be used for shorter circuits into Chicago from the territory south of the cable, yet notwithstanding this, 1740 miles of displaced copper wire was withdrawn from plant and about 1500 poles including cross arms and insulators. On most of the pole lines displaced, the expected life of the poles had nearly been reached and therefore the new plan involves but a very low transfer loss.

Cable Design.

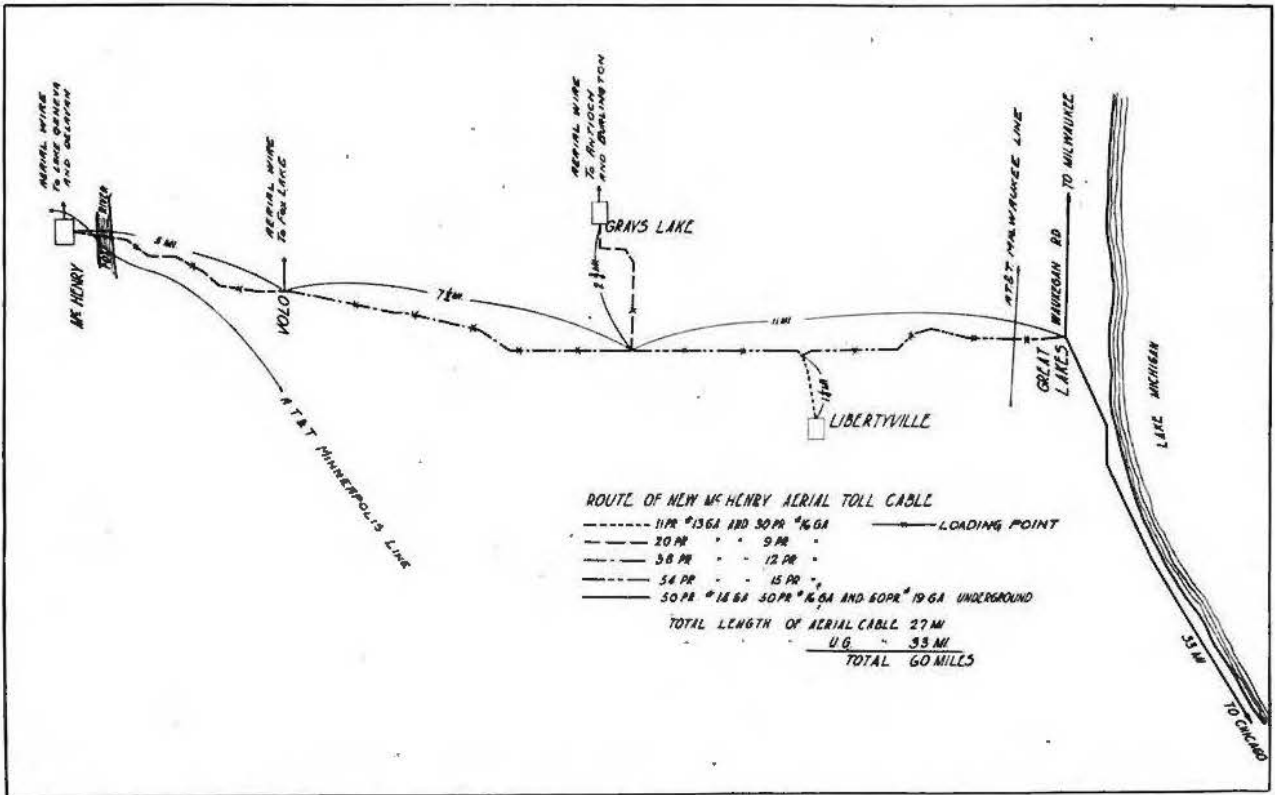
The new aerial toll cable was cut into service on June 30th, establishing thirty-two new Chicago toll circuits and twenty-two toll circuits between local points on the line. It is the most modern design of high grade duplex toll cable manufac-



JUNCTION OF NEW AERIAL TOLL CABLE WITH PRESENT CHICAGO-MILWAUKEE UNDERGROUND LINE.

towns lying along the shore of Lake Michigan as far north as Waukegan.

In the open wire scheme of distribution, one of the plans proposed was to extend the cable out the North Shore route to the point where the sketch on page 3 shows the route turning west, and continuing with the open wire method of distribution therefrom. The two sketches, "A" and "B," on page 4, show the number of wires which would have to be placed along this route, either on one lead or on two leads, in order to obtain the same amount of facilities that are furnished by the cable shown on figure "C."



tured by the Western Electric Company. The manufacture of this type of cable on an extensive scale has only been carried on within the last two years, and its introduction has created a new field in the construction of toll plant. The conductors are laid up in twisted pairs and quads in such a way as to minimize cross talk and make possible the utilization of phantom circuits through long distances. Each two pairs of conductors twisted together forms what is known as a quad, and from this quad one phantom and two physical circuits are available. The twist in the conductors and in the two

pairs of wires which are wound together spirally to make a quad, forms the required transpositions in the cable circuits to eliminate cross talk from adjacent circuits. Considerably more care is required in the manufacture and installation of this cable than in the ordinary subscribers' cable, in order to overcome long-distance transmission disturbances.

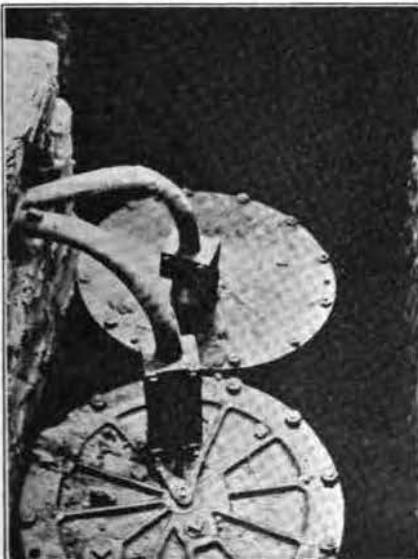
Cable Construction Features.

In order to provide standard transmission for the various groups, it was found desirable and economical to provide a composite cable consisting of thirteen and sixteen-gauge conductors. Starting at Great Lakes, where it is connected to the Chicago-Milwaukee joint Chicago Telephone and A. T. & T. Co. underground cable, the cable was composed of fifty-four pairs of quadded thirteen-gauge conductors and fifteen pairs of non-quadded sixteen-gauge conductors, giving sixty-nine physical and twenty-seven phantom circuits, extending eleven miles west to Grays Lake Junction. West from this point, seven and one-half miles to Volo, it is composed of thirty-eight pairs of thirteen-gauge quadded conductors and twelve pairs of sixteen-gauge non-quadded conductors giving fifty physical and nineteen phantom circuits. To this point, the cable is suspended on strand of 16,500 pounds tensile strength. From Volo to McHenry, five miles, the cable consists of twenty-four pairs of thirteen-gauge quadded conductors and nine pairs of sixteen-gauge non-quadded conductors suspended on a strand of 10,000 pounds tensile strength, giving thirty-three physical and twelve phantom circuits. Spur cables extend from the main cable one and one-half miles into Libertyville and two and three-quarter miles into Grays Lake; the former consists of eleven pairs of thirteen gauge conductors, ten pairs quadded and thirty pairs of sixteen gauge conductors; the

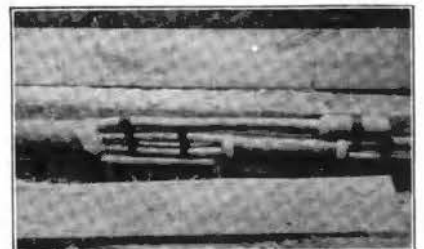
latter consists of twenty-four pairs of thirteen gauge quadded conductors and nine pairs of sixteen gauge non-quadded conductors.

Certain conductors the entire length of the cable are connected through load coils placed at intervals of 8,640 feet. The phantom circuits of this cable are loaded as well as the physicals. Thirty-six pairs of thirteen-gauge conductors in the fifty-four pair cable are loaded in pots of eighteen pairs each, equipped with No. 539 coils for phantom circuits, and No. 540 coils for physical circuits. These are the latest design of loading coils for quadded cable. Eighteen pairs of thirteen-gauge conductors in the thirty-eight pair cable and twelve pairs of thirteen gauge conductors in the twenty-four pair cable are loaded with the same type loading pots and coils. Fifteen loading points with twenty-one load pots were established and 105 No. 539 coils and 236 No. 540 coils were used. The plan ultimately calls for thirty-six pots, the fifteen additional to be installed in the near future.

At each loading point the main cable from each direction is brought down the pole to a brick manhole eight feet long,



LOADING POTS.

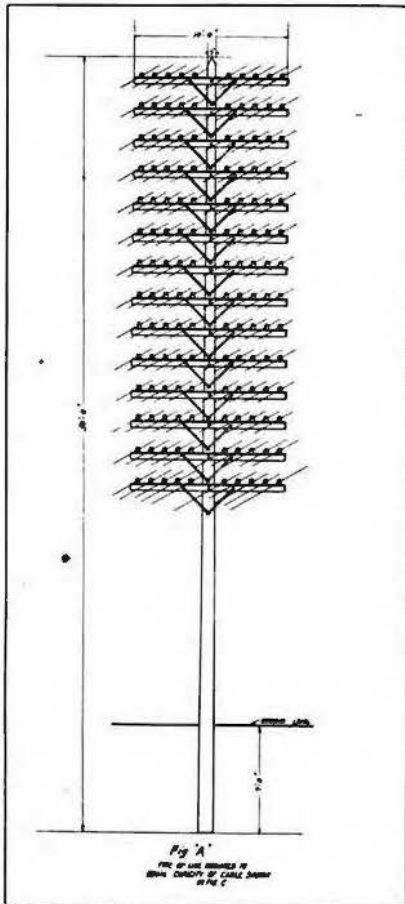


LOADING SPLICE ON FIFTY-FOUR PAIR CABLE.

three and one-half feet wide and three feet deep, where it is spliced to the stubs of the load pots, which are buried in the ground immediately adjoining the manhole. The cables on the face of the poles are enclosed in two six-inch by two-inch channel irons. The manholes are covered

The cable crosses the A. T. & T. Company's Milwaukee and Minneapolis lines and at these points junction boxes were placed so that in case of serious trouble on the American Company's lines between Chicago and the cable, its wires can be quickly connected through the cable and

fourteen of the test sets are in existence, seven of which were used on this job. Roughly, the instruments comprise a Wheatstone bridge method of measuring the capacity of the quads with the help of a variable condenser. The testing was done by nine men from the engineering



with a four-inch reinforced concrete top made in two parts, above which is placed dirt to a depth of eight inches. At each loading pot splice a stub cable is spliced in to permit installing additional pots without disturbing the main splice.

The fifty-four and thirty-eight pair-cable was supplied in lengths of 550 feet to facilitate testing and handling. The twenty-four pair cable was supplied in lengths of 1,095 feet. These sizes of cable weigh eight, five and three-quarters, and three and three-quarter pounds per foot, respectively.

The messenger strand and the cable are bonded together every 1,000 feet and a ground connection in coke is placed every 5,000 feet.

All splices were made with special split tinned copper sleeves and soldered, over which a special heavy paper sleeve was placed. After the entire cable had been spliced and the loading pots installed, final tests were made for crosses, grounds, shorts, opens, split pairs and split quads, correctness of loading and insulation. The final result showed an insulation of approximately 5,000 megohms per mile.

Eight junction boxes were placed at points convenient for extending open-wire toll lines, testing, etc., and at the McHenry Office a No. 4 toll test panel was installed.

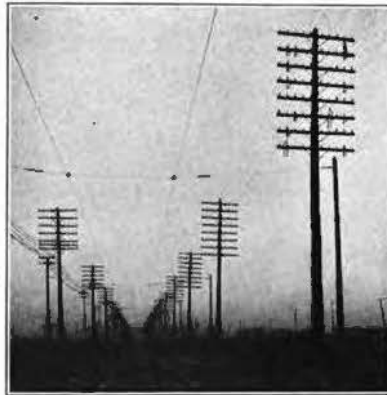


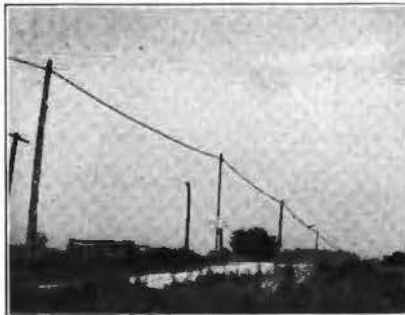
FIGURE B—THE FACILITIES PROVIDED IN THE TOLL CABLE EXACTLY EQUAL THOSE SHOWN IN THE TWO LARGE TELEPHONE LINES ABOVE.

operated until permanent repairs can be made.

Farmer line circuits which parallel or extend adjacent to the cable will be connected to No. 16 gauge conductors through No. 14-C terminals and all open-wire drops extending from the cable line will be replaced with twisted pair wire. All such lines extending 1,500 feet in length will be equipped with No. 61 protector mountings on the terminal pole. Sixty-five No. 14 terminals were connected to the toll cable for the farmers' lines.

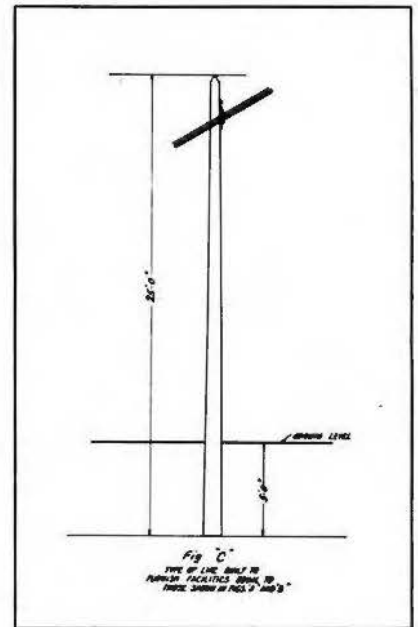
Capacity Unbalance Testing.

After the cable was placed, it was tested for capacity unbalance and extraordinary precautions were taken in splicing in order to keep the insulation of the



RAILROAD CROSSING.

cable as high as possible. The capacity unbalance testing constituted a very important and interesting part of the work on the Great Lakes-McHenry cable. This is the most accurate commercial electrical test known, the capacity measurements being read in millionths of a millionth of a farad. It is also a comparatively new feature of cable work and only



department. As the testing and splicing were necessarily very closely associated, the work at each test splice was done by a tester, a splicer and a helper. Straight splices were made at every other opening by splicers working ahead of the testers, thus leaving the cable in approximately 1,100-foot lengths between openings. A test splice was then made at each one of the remaining openings in the following manner:

Eight of these 1,100-foot sections were taken as a section between loading points and these required seven test splices to close up the section. Four quarter test splices which joined the section into four 2,160-foot lengths were first made at the points marked "Q" in the accompanying diagram, Figure D, and the two adjacent quarters each side of the middle of the section were balanced against each other; that is, if any high capacity values occurred at one quarter, which could not be brought down within certain limits, the opposite quarter was built up so that when these two quarters were joined at the semi-final test point, the high values would cancel.

After the four quarters in a section were completed, two test splices were made at the points marked "S" on the diagram, which were called "semi-final tests" and which joined the sections into two pieces. A final test was then made at "F," joining the cable into one piece 8,640 feet long and bringing the capacity of each quad of conductors down to a low value. As two sections had always to be balanced against each other, it was



CAPACITY UNBALANCE TEST POINTS FOR ONE LOADING SECTION, CHICAGO-MC HENRY CABLE.

necessary to do two quarter tests or two semi-final tests at the same time. The capacity values were brought down to the lowest possible results at each test point, except where it was necessary to build up the values at one point to meet high values occurring at the opposite test point; and the result was that with one or two exceptions, the capacity values for any loading section were not in excess of twenty micro-microfarads.

The color code used in splicing the cable differs from common practice. The green, grey and orange wires were called black and the red and blue wires, white. Where the cable ends were opened, they were first boiled out with paraffine at a temperature of between 375 and 400 degrees F. The quads were then put in leather marker straps and one wire of the white pair and one of the black pair of each quad was cut short to distinguish between the wires of the pair. Four leads from the test set were then connected to the four wires of a quad in a certain way and the switches manipulated to change the connection to the instruments to make three capacity measurements for each quad, measuring first those on the Chicago side of the opening and then those on the McHenry side. These readings were recorded on a form blank provided for the purpose.

The tester then instructed the splicer what quads to splice together and how they should be spliced, matching them up to make the capacity on one side cancel, or reduce as much as possible, that on the other side. These transpositions made at the splice correspond to the transpositions made in open-wire leads to eliminate cross-talk. Distinguishing between pairs and between the wires of the pairs made a possibility of eight different connections for each quad. After the connection was made and before soldering, the tester again snapped on his leads and checked the connection and the resultant capacity as computed. Any wrong connection, split quads, split pairs, opens, grounds, shorts, or crosses, or leads connected to the wrong conductors could at once be noted from the test sets. Before the sleeve was wiped on a joint, it was again boiled out with paraffine between 400 and 425 degrees F.

After a final test had been made, the

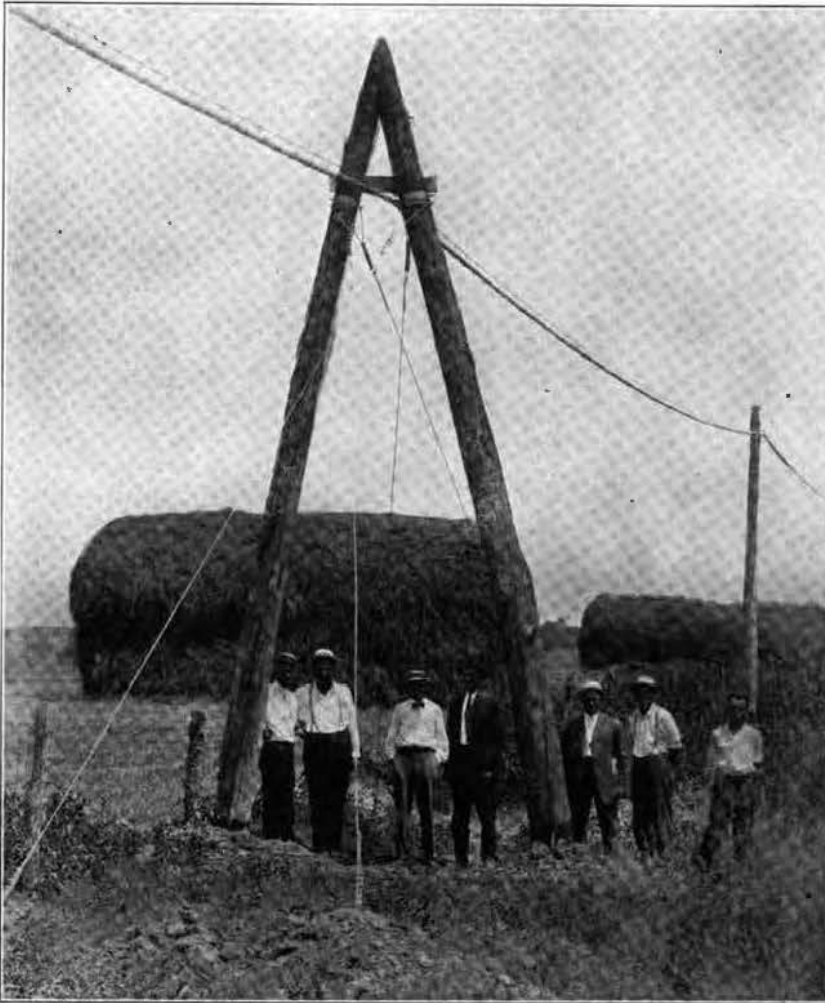
capacity values of any quad were so low that they could be connected at the loading points without regard to the capacity unbalance. The very lowest resultant capacity values possible were persistently striven for throughout the work, and this feature, together with the improved

clearance of obstacles, compliance with municipal regulations, etc., required thirty and thirty-five-foot poles. As special precaution against sleet storm damage and interruption to service, heavy construction was employed. The poles are well guyed at all corners and at railroad crossings and well anchored; and these, together with the "A" fixtures, afford especially good protection against storms and consequent interruption to service.

The poles are placed 100 feet apart on straight sections and the "A" fixtures are constructed at 2,000-foot intervals, with head anchors placed midway between the "A" fixture sections. All new poles before setting were brush treated with dead oil of coal tar one foot above and two feet below the ground. The character of the route and the strain of the cable demanded frequent and extra heavy anchorage. Practically all anchors placed were the ten-foot and one-inch type.

Each messenger support is equipped with a special reinforcing strap, to prevent the cable from falling should the strand break. At McHenry the Fox river is crossed by a span 442 feet long, twenty feet above the water. The cable is supported by two strands, catenary construction, tested to 16,500 pounds, tensile strength, attached to forty-foot

"A" fixtures on each bank of the river. To provide the circuits needed by July 1st much additional work was required beyond the limits of the cable. Nine miles of new thirty-foot pole line was



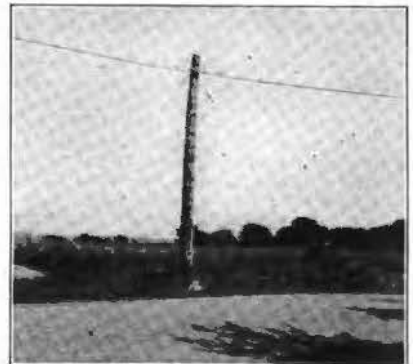
A FIXTURE FOR STORM GUYING.

grade of cable furnished by the manufacturer, has netted a cable which probably has the best capacity properties of any commercial telephone cable in existence.

An interesting and pleasing feature of this new cable is the fact that the transmission from Chicago to the farthest points, even though losses are involved on account of temporarily splicing the new cable to the old non-quadded Chicago-Milwaukee cable, is highly satisfactory. The fact that the transmission is better than expected is probably due largely to the low capacity unbalances obtained in the new cable.

Pole and Miscellaneous Construction Features.

While portions of the route of the cable paralleled existing pole lines, but few of these poles could be used with the long spans because of their deteriorated condition. A new pole line of 1,449 poles was constructed of twenty-five-foot Class "B" poles, except in towns or where the



CORNER POLE.

constructed; fifteen miles of existing toll line was reconstructed; and 338 miles of new No. 12 copper wire was erected. One and one-half miles of twenty-duct tile conduit was installed in Evanston, Ill., and a 300-pair No. 19 gauge cable placed therein to relieve circuits used in the present Chicago-Milwaukee cable for trunks.

The procuring of a satisfactory right-of-way for the new pole lines, with the necessary tree trimming and removal privileges, threatened to prove a serious obstacle to the prompt completion of the job, but this was finally settled without serious difficulty.

The minimum number of men employed at any one time on the work was 262.

The study and engineering of this magnificent job was carried out, under the

direction of State Engineer W. R. McGovern, by Facilities Engineer M. H. Riley. A. Carlson handled the detail work for Mr. Riley and was assisted in the field work by P. W. White, who had charge of the electrical testing, V. A. Jenks, who supervised the cable and splicing work, and E. Collins, who supervised the open wire construction.

The construction work was done by the suburban plant department under the direction of General Plant Superintendent Frank Redmund, by L. C. Jones, the suburban plant superintendent. General Foreman John Cook was the man directly in charge of the work and John Rieinan of Mr. Jones' office supervised it. Particular credit is due Messrs. Cook and Carlson for the efficient and prompt completion of this work.



THE MEN WHO HANDLED THE CONSTRUCTION JOB.

Rear row, left to right—Clerk Weaver, Engineer Collins, Foremen Carpenter and Hashinger, Chief Tester White, Engineer Carlson, General Foreman Cook, Foremen Sales and Bishop, Clerk Powers, Engineer Jenks, Foremen Vogelsang and Schafer.

Front row—Cable Splicing Foreman Doherty, Foremen Miller, Wormood, Van Steenberg and Lewis, Line Supervisor Rieinan, Foreman Hetzel, Toll Supervisor Hansen, Foremen Rupp, LeFebvre, McDonald and Fraher.

Making Big Plans

By T. T. Cook, in *System*.

Of all the planning done by the great organizations, it is doubtful if any stands out like that of the telephone companies. Consider some of the others—the postal system, the light, heat and power companies, street railways, railroads, steamship lines and even the telegraph systems. They all plan. Of a necessity some of them plan largely, too, but the telephone system, weaving its network of wires over the continent, does its planning on a scale that should make other large concerns envious; and in a way that should make even the smallest business man stop and ponder and try to apply their principle to his own enterprise.

Take, as an illustration, the telephone planning for future growth in the population of the communities served. Does the company turn to a handbook or two, a newspaper annual or so, and figure out the average growth for the last four or five generations; and thus decide how big the place will be a few years hence? By no means. It sends a corps of engineers into the community. They study it, district by district, house by house, and business by business. Weeks and sometimes months are consumed in the job.

When the work is done these "commercial engineers" can tell you from their maps and tabulations and charts—anything you want to know about the population of the community five, ten, even twenty or thirty years ahead. And their forecast must be accurate, for on their calculations the company depends in spending millions of dollars in real estate and equipment.

One of the newspapers of Richmond, Va., was deeply impressed recently with the way that city was handled in a survey of the kind just described. It took pains to point out to the city fathers the differences between the way a privately-owned company planned its future and the casual way in which the city went about the same thing. In an editorial commending the telephone idea to citizens this newspaper said:

"Do we plan for Richmond in as orderly and logical a way? Could we tell where a new fire-engine house will be needed in 1918? Have we mapped our streets and sewers as far ahead as 1930? * * * Most of our present population will be here in 1930, we hope. The children of our present citizens will be here. Tens of thousands of newcomers will be here. Meanwhile, we treat growth as if it were to end next year. * * * The telephone company is wiser."

Employees' Benefit Fund

The Employees' Benefit Fund Committee of the Central Group companies has issued the following circular letter:

July 15, 1914.

Dear Sir: The decision of the American Telephone and Telegraph Company to dispose of its interest in the Western Union Telegraph Company made it advisable to cancel the contract for interchange of benefit obligations between the two companies. Accordingly, by an agreement dated April 15, 1914, the cancellation was made effective May 1, 1914, subject to the following conditions:

1. The cancellation shall not affect the term of employment of any employé of the telegraph or telephone system who does not change from one system to the other after May 1, 1914. In other words, the cancellation is not to deprive any person who is an employé of the telephone system on May 1, 1914, of credit for his previous telegraph service.

2. Employés of the telephone or telegraph system who change from one system to the other after May 1, 1914, shall not receive credit for previous service except in the following cases:

(a) Employés who have been transferred from one system to the other since January 1, 1910, may at any time prior to May 1, 1915, be re-transferred to the system in which they were formerly employed, without loss of credit for service.

(b) Employés who have been transferred from one system to the other since January 1, 1910, in connection with joint operating arrangements, may be re-transferred without loss of credit for previous service at any time during the continuation of the particular joint operating agreement affecting their employment.

3. If any pension or other benefit under the plan is granted by any of the telephone companies to any employé, all or a part of whose salary at the time the pension or other benefit is granted is charged to the Western Union Company under a joint operating agreement, the amount of the pension or other benefit is to be prorated among the companies parties to the joint operating agreement in the same proportions as the salary of the employés is prorated at the time the pension or other benefit is granted, and the Western Union Company will from time to time, on demand, reimburse the telephone company under whose plan the pension or other benefit was granted, to the extent of the Western Union Company's pro rata share of the payments made on account of the pension or benefit.

In the above paragraphs the words "telephone system" or "telephone companies" mean the American Telephone and Telegraph Company and any of the associated, allied or subsidiary companies under the plan. The words "telegraph system" mean the Western Union Telegraph Company and any of its associated or subsidiary companies which are under the plan.

Yours very truly,

W. I. MIZNER,
Secretary.

Government Rate Raised

Without notice of any kind to the public, telephone rates in Calgary were raised July 1st by the provincial government of Alberta, Dominion of Canada. The biggest jump is in private exchange trunk lines which have been increased from \$20 to \$48 per year. An individual business telephone, with a desk set, is raised from \$37 to \$51 and a residence telephone, desk set, from \$22 to \$27. The new schedule brings the government rates up to the prices charged by private companies in cities of the same size in other parts of Canada, and discounts one of the strongest arguments made in favor of government ownership at the time the purchase of the systems in Alberta was under consideration.

London to Berlin

The heavy cost of laying the cable across the intervening stretch of sea will make it necessary to charge \$3.50 to \$4 for a three-minute conversation between London and Berlin. The distance is about 600 miles.

Monopoly in the Public Interest

An Interview with Theodore N. Vail, President of the American Telephone and Telegraph Company.

There appears in the Mid-July issue of *The Independent* (N. Y.) an interview with Theodore N. Vail, president of the American Telephone & Telegraph Company, given Henry Farrand Griffin, who is writing a series of interviews with leaders in the business world, under the caption "What's Ahead for Business?"

Mr. Griffin quotes from the latest annual report of the telephone company to its stockholders:

"The policy of the Bell System—one telephone system—under one control—has been appropriated as their policy by the advocates of government ownership. They assert the desirability of monopoly as their fundamental premise. They say that the Government should attempt to do what the world concedes the Bell System has done."

And then goes on to say:

With this statement in view, I was much interested in Mr. Vail's reply to the following question:

"Is it not true, Mr. Vail, that the whole trend of Anglo-Saxon economic development, as expressed in laws and public opinion, has been antagonistic to the principle of private monopoly?"

"Yes," he replied without hesitation, "that is on the whole true. But for a fair consideration of such a question you must define what you mean by monopoly."

"Let us go back a few hundred years. In the old days a monopoly was a grant from the crown of the exclusive right to sell some commodity. The king would grant a favorite a monopoly of the sale of some necessity, like salt, for instance. This was done, not because the favored person had any better knowledge of the business than others, nor any better facilities for the production and sale of salt. It was done simply to permit the monopolist to pocket a profit, usually extortionate, from all purchasers. The result of this is that even now after many centuries the very word monopoly is almost invariably associated in our minds with the idea of extortion."

"Monopolies of this kind still exist in a modified form in certain European countries. The manufacture and sale of tobacco, for example, is a government monopoly in France."

"A very different thing is the industrial monopoly, so-called, which appeared toward the close of the past century. This was a logical outcome of the age of machinery, a natural result of the modern inventions and machinery that have changed the whole manner and method of industry. Take, for example, the manufacture of boots and shoes. In the old days a man who wished to become a shoemaker had to spend years, as an apprentice, learning his trade. After he had served this long apprenticeship he knew the whole of his trade; he could make any part of a boot or shoe."

"What do we find now in a modern shoe manufactory? A man at one machine is making soles—and nothing else. Another man at another machine is making uppers. Another man is making button holes; another fastening in buttons; others assembling and sewing the parts that make the finished shoe. Each of

these men can learn in a few days or weeks to run the machine that does his allotted part of the work.

"If this is true of ordinary manufacturing, with how much greater force does it apply to public utilities, such as railroads, power and light and telephone and telegraph systems, which may be said to be natural monopolies. Here there are the same advantages of economy and efficiency in operation on a large scale, and, moreover, the value of a utility system to the public is almost invariably in direct proportion to the universality of its service and the uniformity of the rates it charges for that service. The people of any city, for instance, may be much more conveniently served by one transit system than by two. When you take a street car you do not wish to be compelled to change cars and pay two fares to reach your destination. Similarly you may do your telephoning most conveniently if you are able to reach every other person through the same exchange or system of exchanges. This holds true in a greater or less degree of most other public utilities."

"Wealth is created not by driving labor and getting more work out of the individual, but by getting from the same or less amount of labor a greater production—and by utilizing or eliminating waste."

"You can readily see that to make 'operation' most efficient and economical it must be done on a big and comprehensive scale. Hence we have bigger and bigger industrial combinations of more or less monopolistic character, and in public utilities virtual monopoly, local or national."

"Another important point is the question of uniform rates, which can only be had through a system covering a large and diversified territory. No utility can produce and deliver the same unit of service at the same cost in all parts of its territory. Uniform rates are based on average costs and this necessarily means that under some conditions these rates will appear excessive, just as under other conditions they will be really inadequate. A trunk line of railroad with its heavier traffic can transport freight at a cost that would be utterly out of the question on its branches. Yet the advantage of uniform rates to shippers is apparent."

"The utility, moreover, to give uniform rates must be protected from unfair competition. If a competitor, so-called, is permitted to supply its service only in the more favorable and profitable parts of a territory a manifest injustice is worked upon the utility which is giving uniform rates over all parts of that territory, profitable and unprofitable alike. If the competitor, on the other hand, is compelled to give the same service at the same rates over the entire territory, you will have unnecessary duplication of plant and equipment for which the public must ultimately pay either in higher rates or loss to investors."

"I think, therefore, we are justified in saying that if any utility system is to give the public uniform rates and the most satisfactory, efficient and economical service, that utility must inevitably tend to combination and to a single system, or—if you wish to call it that—monopoly."

"It is hardly necessary, however, to say that this kind of monopoly, either industrial or in the field of public service, is a very different thing from the old extortionate monopoly granted by the king to his favorite. In the one case we have a logical economic development from modern inventions and machinery, in the other a manifest abuse of power, an arbitrary interference with the natural laws of trade and commerce."

"But even so," I asked, "are not both kinds of monopoly, the old and the new, either potentially or in effect the same, since they give to a relatively small group of individuals control over the prices of public necessities or conveniences?"

"That would be true of unregulated monopoly," Mr. Vail promptly agreed, "but I may answer your question indirectly by saying that all monopolies should be regulated. Government regulation can effectively curb 'monopoly' and 'selfish exploitation' and make them useful without destroying them by subordinating them to the public for the public advantage."

"The companies comprising the Bell Telephone system were among the first of public service corporations to advocate state or government control and regulation of public utilities. We believe that this control or regulation should be by permanent quasi-judicial bodies, acting after thorough investigation and governed by the equities of each case; and that this control or regulation beyond requiring the greatest efficiency and economy, should not interfere with management or operation."

"We believe that these bodies, if they are to be permanent, effective and of public benefit, should be thoroughly representative; they should be of such character and should so conduct their investigations and deliberations as to command such respect from both the public and the corporations that both will without question accept their conclusions."

"We believe that the public would in this way get all the advantages and avoid all the manifest disadvantages characteristic of public ownership. I cannot make too emphatic my belief in the necessity of the highest possible standards for these Public Service Commissions. The work that they must do becomes of increasing importance each year. The men appointed to them should be the biggest and the ablest that can be induced to serve. I believe that the members of the Interstate Commerce Commission, for instance, are called upon to render decisions as vitally important to the people of this country as those of the United States Supreme Court and that the standard of appointments to the Commission should be as high as to the Supreme Court."

"We of the Bell Telephone system are doing everything in our power to make a campaign for increased respect in the attitude of the public toward the Public Service Commissions. The greater respect in which these bodies are held by the public, the abler will be the men who will serve, and the greater the benefit they can be to the public, and the greater protection they can be to the public service corporations. No man is too large, no standard too high, for these Commissions. "Until the time comes when the decision

of these bodies can be fully accepted by all—even though they are not fully acceptable to all—they will fall short of the purpose of their being."

"What you have been saying, Mr. Vail," I suggested, "about the economic tendency of the times toward combination and monopoly and the consequent necessity of governmental regulation and control makes me think of a conversation I had last summer with one of the country's foremost electrical engineers—Dr. Steinmetz. His argument was very similar—that modern inventions and machinery made inevitable the organization of industry on a large scale, resulting in combinations and in time monopoly with the necessity of governmental regulation and control. But his conclusion was that regulation and control would in time lead to government operation and ownership and in the end to Socialism in some form or other."

Mr. Vail smiled.

"Who knows?" he said. "Perhaps at some future time it may lead to that. But I do not think that you or I will see it—or a good many generations to come."

"I regard government ownership, or even Socialism, which is really only another name for the same thing, as a beautiful ideal. But the trouble is that under present conditions it would prove a little too ideal for this world. Given ideal conditions, ideal people and in theory, there is nothing so beautiful as government ownership or Socialism. But in this work-away world we must deal with actual conditions, not theories, and with people as we find them, not as they ought to be."

"I am not arguing from theory either, for I know what government operation means from actual experience in government service. You will find our position in regard to government ownership very fully explained in our last annual report to stockholders. As stated there, theoretically there may be no reason why government operation should not be as economical and efficient as private operation, but actual constructive performance runs up against actual conditions and tangible difficulties which only experience shows how, and responsibility develops the ability, to deal with."

"Departmental officers taken from walks of life affording neither experience nor knowledge of the duties and responsibilities they are to assume, are expected to perform the various duties of their departments and also incidentally to look after their political obligations. As a rule, their training better fits them for advocates than for executives, for judicial positions or as commissioners of regulation than as directors of operation."

"Every new head of a department is by necessity a reformer; his average incumbency is less than four years; there is seldom any continuity of departmental policy, and never any continuity of departmental staff. The important assistants come and go with the head. A review of the operations of his department shows much that could be changed to advantage; to eliminate all that is unsatisfactory and bring about effective results under the conditions and in the time available is impossible for the ablest. He starts in finding an incomplete attempt at accomplishment along a certain line of policy, and goes out leaving an uncompleted attempt along a different line of policy. The inevitable tendency is towards promise, not performance."

"Government administration is more or less a game of politics; and while with

government operation it may sometimes be possible to have efficiency it will always be impossible to have economy."

Mr. Richardson Retires

L. G. Richardson, until recently general counsel of the central group of Bell Telephone companies, was born in Cambridge, Mass. He was admitted to the Ohio bar and was engaged in the general practice of the law at Toledo, Ohio, until 1896, when he was appointed general solicitor of the Central Union Telephone Company, with headquarters in Chicago. In 1903 he was elected president of the Central Union. That year the headquarters were removed to Indianapolis. In 1905 he was also elect-



L. G. RICHARDSON.

ed president of the Cleveland Telephone Company and remained at the head of both companies until 1911, when he became general counsel of the Chicago, Wisconsin, Central Union, Cleveland and Michigan State Telephone Companies, with headquarters in Chicago.

On July 1, 1914, Mr. Richardson retired from the service of the central group of Bell Telephone companies as general counsel. He will hereafter be associated with the staff of the legal department of the American Telephone & Telegraph Company, with headquarters for the present in Chicago.

Mr. Richardson's former associates, during his incumbency as president of the Central Union Telephone Company, have presented him with a chest of silver in token of their friendship and esteem.

Under-Water Talk Between Forts

The United States Signal Corps of the regular army has begun the work of laying submarine cable in Puget Sound (state of Washington) in order to establish a reliable means of keeping open lines of communication between the various fortifications that guard the approach to Seattle. Three forts are to be connected,

so that there will be three legs to the submarine telephone system.

Seventeen miles of twenty-pair No. 19 B. & S. gauge paper insulated submarine telephone cable will be required for this work. The Western Electric Company, with whom the Government placed the order to manufacture the cable, has shipped it in seventeen lengths of one mile each, one mile of cable to a reel and two reels to a flat car.

The cable when laid will form a vital part of a telephone system that will be of great value either in war-time or in maneuvers by making it possible for the commanding officer to be in constant touch with all the fortifications and keep them working in harmony with each other. Furthermore none of the wiring will be exposed to the fire of an enemy, thus insuring the integrity of the lines at all times.

The Signal Corps has also recently completed the laying of a submarine cable to connect the fortifications in New York harbor with those at Sandy Hook. This cable is eighteen miles long and consists of ten pairs of No. 19 B. & S. gauge copper conductor.

Mark Twain and the Telephone

"About that time came a young inventor named Graham Bell, offering stock in a contrivance for carrying the human voice on an electric wire. At almost any other time Clemens would eagerly have welcomed this opportunity; but he was so gratified at having got his money out of the insurance venture that he refused to respond to the happy 'hello' call of fortune. In some memoranda made thirty years later he said:

"I declined. I said I did not want anything more to do with wildcat speculation. Then he (Bell) offered the stock to me at twenty-five. I said I didn't want it at any price. He became eager; insisted that I take five hundred dollars' worth. He said he would sell me as much as I wanted for five hundred dollars; offered to let me gather it up in my hands and measure it in a plug hat; said I could have a whole hatful for five hundred dollars. But I was the burnt child, and I resisted all these temptations—resisted them easily; went off with my check intact, and the next day lent five thousand of it, on an unendorsed note, to a friend who was going to go bankrupt three days later. About the end of the year (1881) I put up a telephone wire from my house down to the *Courant* office, the only telephone wire in town, and the first one that was ever used in a private house in the world." —From *Mark Twain, a Biography*, by Albert Bigelow Paine.

A Crowded Half-Hour

H. A. Knapp, an Indianapolis subscriber having North 4000, had occasion recently to make ten long-distance calls. The calls were placed at 10:45 a. m. and the last one was completed at 11:16 a. m. On one Mr. Knapp talked eight minutes and on another four minutes, making thirty-six minutes' revenue within thirty-one minutes, the eight other calls being charged for at the three-minute minimum rate.

This Will Be Some Job

An Illinois newspaper states that the Central Union Telephone Company will "erect" a submarine cable between Rock Island and Davenport.

Fire at Plainwell

Fire in the building in which is located the Michigan State Telephone Company's exchange at Plainwell, Mich., furnished the exchange employes an opportunity to make a good record for fidelity to duty and intelligent conduct in an emergency.

The fire was discovered about 3:20 p. m., on July 18th, by Former Plant Chief Bullard, of Kalamazoo. Mr. Bullard, while going upstairs to the telephone office on the second floor, discovered flames issuing from the windows of the first floor in the rear of the building.

The first floor is occupied by a millinery store. Mr. Bullard ran into the office and had the fire department called. Then he and the manager, J. H. Frederickson, also Mr. Land and an assistant who works for Equipment Supervisor Harrington, both of whom were installing new switchboards, took the fire extinguisher and went into the lower part of the building, but the fire had made such headway that they were unable to make any impression upon it. The millinery store was open, but no one was in at the time, the proprietor and clerks being in the confectionery store next door.

In spite of the hard work of the fire department, the rear part of the building, which is an old frame structure, nearly all burned, only the upper floors remaining.

The telephone operators stayed on duty, with the building full of smoke, until they were almost exhausted and were literally driven from the boards by Manager Frederickson and Mr. Bullard.

District Manager E. P. Platt, at Kalamazoo, was notified about 3:40 that the portion of the building occupied by the exchange probably would not burn but might be badly soaked. Mr. Platt took the machine and switchboard cable, paraffin, beeswax and a lineman, and, with Equipment Foreman Whittet, reached Plainwell shortly after the fire was out.

There was practically no damage done to the telephone office.

Telephone in Tomb

Martin Sheets of Terre Haute, Ind., has ordered a telephone in his new \$8,000 mausoleum in Highland Lawn cemetery. He will pay rent far enough in advance always to cover a few months beyond his death.

"Who can tell? I might wake up in there sometime and would want to call the boys and tell them about it," he said. He has also placed a \$500 electric chandelier in the mausoleum.

Some years ago, when Sheets had a monument erected at the grave of his father, he had a statement that he paid for the monument and the amount it cost him cut in the granite.

A Chicago Oasis

The illustration on this page shows the front of the Administration Building of the Central Group on West Washington street, with the summer embellishment provided by General Manager Abbott. The luxuriant growth of flowering plants and trailing vines forms one of the attractive oases in Chicago's Loop District, which make welcome breaks in the miles of grim buildings that flank the busy thoroughfares. Mr. Abbott has received many complimentary comments on the improved appearance of the building.



A PLEASANT OASIS IN DOWNTOWN CHICAGO. Flower Boxes along front of Headquarters Building.

Chicago Company Commended

Dr. Leroy Thompson, one of the examining physicians of the Chicago Telephone Company's traffic department, read a paper before the recent convention of the American Homeopathic Ophthalmological, Otological and Laryngological Society at Atlantic City, N. J. Dr. Thompson discussed "Eye Strain Among Telephone Operators." Following Dr. Thompson's paper the society adopted the following resolution:

"Whereas, The Bell Telephone Company in Chicago (as reported in a paper today before this society by Dr. LeRoy Thompson, after five years' observation) has but a very small percentage of cases of eye strain or other ocular or aural trouble among its female operatives;

"Resolved, That the American Homeopathic Ophthalmological, Otological and Laryngological Society commends Dr. Thompson's paper as tending to correct a false impression of the effect of such work upon the eyes of telephone operators;

"Resolved, That this society commends to other large employers the Bell Company's efforts in Chicago to preserve the health of its telephone girls."

Beats Correspondence School

"Brown's hit upon a new idea."
"What is it?"
"He's going to teach law by long-distance telephone."—*Detroit Free Press.*

Electric Club Picnic

The pestiferous, disease-breeding mosquito of Ravinia Park is doomed. He's going to be enticed by the music of his own hum—enticed by the millions—and he's going to be shocked to death.

The Chicago Electric Club is laying wires for this awful devastation of the stinging pest.

A special committee went out to Ravinia a few days ago and arranged for the club's annual outing, to occur Thursday, August 20th.

A day or two later, the villagers, learning that this popular organization was about to descend upon the town, came to the conclusion that there must be a "clean-up" and that the "pesky skeeter" must go. The officers of the Electric Club heard of the proposition and came to the rescue.

"We'll take care of the mosquitoes," said Harry A. Mott, a member of the picnic committee.

"Never mind smearing that deadly oil on the morasses and pools of Ravinia. The results are too slow. It poisons the little pest. The mosquito dies a horrible, lingering death. It's inhuman. We'll electrocute every mosquito in and around Ravinia."

"How?"

"Simplest thing in the world," said Mr. Mott. "In the first place we're going to catch about 100,000 healthy specimens of standard-brand mosquitoes—the New Jersey kind. We're going to put them in a cage about a foot square equipped with delicate transmitters, and we're going to can their voices on a series of phonograph records. Then we're going to string wires throughout the pest-ridden section of Ravinia, turn the switch, let the records loose, attract the Ravinia mosquitoes to the wires by the seductive, dulcet humming music of the New Jersey brand, and when the wires are loaded down with Ravinia pests the current will be turned on and millions of these annoying insects will be electrocuted. They will be literally lured to death by their own voices."

The electrocution of the Ravinia mosquitoes will not be the only interesting feature of the Electric Club picnic. There will be plenty of other stunts for the less bloodthirsty among the club members, of whom a goodly number are Chicago Telephone Company officials. It is predicted that there will be many vacant chairs in the telephone building on August 20th.

Trunks Also, We Suppose

We hear it reported that Mrs. William Beavers has sold her share in the local telephone exchange to her husband. Uncle William now owns it bag and baggage.—From a newspaper at Plainville, Ill.

New Beverly Office

The new Beverly office of the Chicago Telephone Company was put into service on the night of July 19th. The office is located in a new building at 1612 West Ninety-ninth street.

The new building is a strictly modern, fire-proof structure seventy feet long, with a frontage of sixty-two feet and consists of a basement and three stories. The basement contains the heating plant, battery room and the cable terminal room. The first floor contains the terminal frames for the underground and switch-board cables and the power plant.

On the second floor are located the operating and retiring rooms, while the third floor cares for the operators' rest and luncheon rooms. Particular care has been given the operating room so that perfect light and ventilation are secured.

The building contains all the very latest improvements in telephone apparatus, and has every convenience for the comfort of employes.

The architectural treatment of the rest, luncheon, locker, retiring and toilet rooms, on the third floor is in every way artistic.

The recreation room is furnished with comfortable chairs, couches, reading tables, etc. The current magazines are subscribed for by the company, and in addition a small circulating library is found in the office, the expense of it being borne equally by the company and operators.

Adjoining the parlor is the luncheon room. This room is in charge of a matron who makes the tea and coffee and cares for the serving of the luncheons. Roomy steel lockers are provided for the employes, each one having her own compartment for wraps.

The ground in the rear of the office has been set aside for a recreation garden. Swings and lawn seats have been provided, thus making an opportunity for the operators to enjoy comfortable rest in the open. The fine trees with which the building is surrounded, as shown in the picture on this page, add to the attractiveness of this garden.

The switching equipment at Beverly, which is of standard Western Electric manufacture, consists of five three-position subscriber sections and three two-position trunk sections. The subscriber sections include one trouble position, three flat-rate subscriber positions, one combination toll and subscriber position, five combination coin-collect and message positions, and five coin-collect positions.

In the trunk sections are 152 incoming city trunks, eight incoming long-distance trunks, and thirty incoming tandem trunks.

Plant supervision is maintained from a two-position wire chief's desk and traffic supervision from a two-position chief operator's desk.

All equipment is arranged for ultimate development. The ultimate is ten trunk sections with twenty positions, and ten subscriber sections with thirty positions.

Beverly office combines the former Morgan Park, Longwood and Washington Heights offices, and beginning July 20th all stations working out of these offices were given Beverly numbers. A new Chicago directory containing these numbers was issued on that date.

The Beverly executive force in the traf-

The Baraboo wire chief upon making his daily tests of the toll lines at 7 a. m. on June 24th, found that Baraboo was completely shut out from the outside world as far as telephone communication was concerned.

Foreman Charles Clark with Linemen D. Neary and Sullivan, and two groundmen, started immediately eastward toward Portage with a wagon-load of emergency material, making temporary repairs as rapidly as possible on the Portage-Madison and Milwaukee circuits, in several places where trees and barns and other farm buildings were found blown across the lead. The real difficulty, however, was encountered where the high-tension lines of the Southern Wisconsin Power Company cross the lead thirteen miles east of Baraboo. The steel towers carrying

the 6,000-volt power lines had been blown down for a distance of nearly half a mile, bearing the power lines down across the telephone circuits. After hurried repairs at this point, Mr. Clark was met by District Manager C. L. Miller, with Linemen Anderson and Hart, who had been working north from Madison during the day, the last circuit at this point being closed by 9 p. m. This restored service on all of the Baraboo, Madison and Portage, Madison and Baraboo and Milwaukee circuits.

Repairman H. B. Lewis, with Linemen E. J. Buehler and F. Waldo, remained in Baraboo during the day clearing the streets of wires, poles and other debris. The most difficult task was the removal from the cables of the Urban Hotel tin roof, which was wrapped several times about the cables and messenger wires.

Manager O. Quale with one groundman drove west from Baraboo, making temporary repairs on the Baraboo, North Freedom and Baraboo and Reedsburg circuits.

A. T. and T. Foreman Haynes with twelve linemen arrived at 2 a. m., June 25th, from Princeton, Ill. After securing a team and wagon, they proceeded north on the Chicago, Minneapolis and Duluth lead, arriving at the first break at sunrise.

Wire Chief Murray, of Tomah, with a crew of linemen had come south to Mauston during the night and temporary repairs were soon made at that point, which restored the Chicago-Minneapolis connections.

The tornado of June 24, 1914, will long be remembered by the residents of Baraboo and vicinity.



NEW BEVERLY OFFICE BUILDING, CHICAGO.

fic department consists of J. J. Bickel, district traffic chief; W. R. Sherwood, traffic manager; Miss M. Reiss, chief operator; Miss M. Storey, evening chief operator and Miss R. Suhs, night chief operator. In the plant department G. M. Kendrick is wire chief and R. Bloom chief switch-board man.

Tornado at Baraboo, Wis.

During the early morning hours of June 24th, a terrific tornado swept down the Baraboo valley, commencing near Reedsburg, Wis., and traveling in a northeasterly direction, doing considerable damage to buildings and crops, but mostly to telephone lines, which were leveled to the ground in several places.

Department of Sports and Recreations

Doings of Telephone People in the Field of Athletics and Pastimes.

Plant Department League—Chicago

STANDING OF THE TEAMS JULY 25, 1914.

| | Won. | Lost. | P. Cent. |
|--------------------|------|-------|----------|
| South Installation | 7 | 1 | .875 |
| Oakland | 6 | 2 | .857 |
| Construction | 6 | 2 | .750 |
| Nights | 7 | 3 | .700 |
| Plant Accountants | 3 | 6 | .333 |
| Wentworth | 2 | 5 | .284 |
| Long Lines | 2 | 7 | .222 |
| Harrison | 1 | 9 | .100 |

Games of July 11, 1914.

South Installation, 12; Wentworth, 9.
Construction, 18; Harrison, 13.
Accountants, 8; Long Lines, 4.
Oakland, 23; Nights, 7.

Games of July 18, 1914.

South Installation, 14; Long Lines, 9.
Oakland, 18; Harrison, 5.
Nights, 6; Accountants, 5.

Games of July 25, 1914.

Wentworth, 25; Harrison, 24.
Construction, 9; South Installation, 8.
Oakland, 13; Accountants, 2.
Long Lines, 11; Nights, 5.

Inter-Department League—Chicago

STANDING OF THE TEAMS JULY 25, 1914.

| | Won. | Lost. | Percent. |
|----------------------|------|-------|----------|
| Central Installation | 5 | 0 | 1.000 |
| Edgewater | 5 | 1 | .833 |
| North Installation | 4 | 2 | .666 |
| North Construction | 3 | 3 | .500* |
| Engineering | 3 | 2 | .600 |
| Equipment | 3 | 3 | .500 |
| Commercial | 2 | 2 | .500* |
| Traffic | 1 | 4 | .200 |
| Auditing | 1 | 5 | .166 |
| Suburban Commercial | 0 | 6 | .000 |

*The Commercial and North Construction game, scheduled for July 25th, was not played on account of a misunderstanding as to grounds. A forfeit is claimed and will be passed on by the committee. The standing of these clubs is therefore reported only up to July 18th.

Games of July 11, 1914.

Commercial, 4; Auditing, 3.
Engineering, 9; North Installation, 0 (forfeited).

Central Installation, 14; Traffic, 6.
Equipment, 4; Edgewater, 3.
North Construction, 9; Suburban Commercial, 0.

Games of July 18, 1914.

North Construction, 5; Auditing, 4.
North Installation, 19; Commercial, 2.
Edgewater, 8; Engineers, 5.
Equipment, 9; Traffic, 0 (forfeited).

Central Installation, 11; Sub. Commercial, 5.

Games of July 25, 1914.

Edgewater, 9; Suburban Com'l, 6.
North Installation, 7; Auditing, 1.
Central Installation, 6; Equipment, 5.
Engineering-Traffic game postponed.

Grand-Cadillac Game and Picnic

A ball game in which the Grand office girls of Detroit won from the Cadillac girls by a score of 13 to 9 was the feature of the picnic of Detroit operators at Orchard Lake June 28th. Following is the box score:

Orchard Lake, June 28th.

| Grand Office— | AB. | R. | H. | TE. | O. | A. | E. |
|--------------------|-----|----|----|-----|----|----|----|
| Miss Wehn, c. | 5 | 3 | 3 | 3 | 12 | 0 | 0 |
| Miss Newman, cf. | 3 | 2 | 1 | 1 | 0 | 0 | 0 |
| Miss Gilmore, p. | 4 | 2 | 2 | 2 | 0 | 3 | 1 |
| Miss Lorenzen, 1b. | 3 | 1 | 2 | 2 | 4 | 0 | 1 |
| Miss Pouliot, 3b. | 4 | 1 | 2 | 2 | 1 | 0 | 0 |
| Miss Moeghle, 2b. | 4 | 1 | 1 | 1 | 0 | 3 | 0 |
| Miss Hohn, rf. | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miss Murphy, ss. | 4 | 2 | 3 | 3 | 1 | 0 | 0 |
| Miss Gray, lf. | 4 | 1 | 2 | 2 | 0 | 0 | 0 |
| | 35 | 13 | 16 | 16 | 18 | 6 | 2 |
| Cadillac— | AB. | R. | H. | TE. | O. | A. | E. |
| Miss Harris, rf. | 4 | 2 | 3 | 2 | 0 | 0 | 0 |
| Miss Zentgraf, cf. | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miss Lesher, 1b. | 4 | 2 | 3 | 3 | 1 | 0 | 0 |
| Miss C. Poole, c. | 2 | 2 | 1 | 1 | 9 | 1 | 0 |

| | | | | | | | |
|--------------------|----|---|----|----|----|---|---|
| Miss Bauer, ss. | 4 | 1 | 2 | 2 | 0 | 1 | 0 |
| Miss E. Poole, 2b. | 4 | 1 | 2 | 2 | 0 | 0 | 0 |
| Miss Berness, lf. | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miss Hill, 3b. | 4 | 1 | 1 | 1 | 2 | 0 | 1 |
| Miss Rumsey, p. | 3 | 0 | 2 | 2 | 2 | 4 | 2 |
| | 33 | 9 | 14 | 14 | 18 | 6 | 3 |

Stolen bases—Miss Wehn (6), Miss Newman (5), Miss Gilmore (4), Miss Moeghle, Miss Gray, Miss Lorenzen, Miss Murphy (2), Miss Harris (6), Miss Lesher (6), Miss C. Poole (4), Miss Bauer (2), Miss E. Poole (3), Miss Hill (2), Miss Rumsey (2). Struck out—By Miss Gilmore, 11; by Miss Rumsey, 8. Bases on balls—By Miss Gilmore, 2; by Miss Rumsey, 3. Left on bases—Grand, 6; Cadillac, 7.

The ball game was only a part of the amusements of the day. A lunch, served by Traffic Chief Belanger and a corps of



CADILLAC AND GRAND BALL TEAMS, DETROIT, AT ORCHARD LAKE, JUNE 28th.

Lower row: Cadillac—Mabel Rumsey, Geneva Harris, Magarethe Zentgraf, Dorothy Furnish, Edna Poole (captain), Cecil Poole, Marie Luescher, Beatrice Bauer, Florence Hill.

Upper row: Grand—Hattie Newman, Elizabeth Lorenzen, Emily Pouliot, Marguerite Hohn, Cora Mogul, Catherine Gray, Grace Gilmore, Clara Wehn.

W. A. Spencer, umpire, at top of picture.

assistants ran a close second in popular favor and the dancing pavilion had its share of patrons. Egg races and peanut races were closely contested and furnished plenty of merriment. Guests of honor were Traffic Superintendent W. A. Spencer, East chief operator M. Middleton, Walnut chief operator L. Stevens, West chief operator F. Grenatidel, Cedar chief operator G. Norwood, and L. Smith, J. Battishill, V. James Ferris, M. Tinan and E. Lind.



GRAND OFFICE TEAM, DETROIT.

Standing, left to right—Lorenzen, 2b; Wehn, c; Gannon, ss; Pouliot, rf; Murphy, 1b.
Sitting—Hohn, cf; Newman, 3b; Goshen, lf; Gilmore, p.

Long Distance and East Game

On Saturday, June 20th, the Detroit Long Distance and the East baseball teams played in the Hickory field. The Long Distance team won by a score of 12 to 11. Although the Long Distance girls were out-hit they won the game by bunting the few hits they had in the second and fourth innings; also, they took advantage of the great number of bases on balls issued by the several East pitchers. The base running of the Long Distance girls was also better as is shown by the fact that only two were left on bases.

This was the first of the baseball games between the Detroit offices on which anyone was able to keep score. The feature of the game was the base stealing of both teams. The East office girls stole home three times and the Long Distance girls stole home seven times. A home run by Miss Paquette of the Long Distance also featured.

The score follows:

| EAST— | A. | R. | H. | T.B. | O. | A. | E. |
|--------------------------|----|----|----|------|----|----|----|
| Miss Gerhart, 2b, p. 1b. | 4 | 2 | 4 | 5 | 0 | 0 | 1 |
| Miss Morrow, c, p. | 2 | 1 | 1 | 2 | 12 | 0 | 0 |
| Miss VanVliet, p, c, ss. | 4 | 1 | 2 | 2 | 2 | 0 | 0 |
| Miss Lower, cf. | 3 | 2 | 2 | 2 | 0 | 0 | 0 |
| Miss Hawes, 2b, ss, p. | 3 | 2 | 2 | 2 | 1 | 0 | 0 |
| Miss Gassman, 1b, p. | 4 | 0 | 1 | 1 | 0 | 0 | 0 |
| Miss Wissinger* | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miss McCormick, lf. | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miss Neally, 3b. | 4 | 2 | 2 | 2 | 0 | 0 | 0 |
| Miss Burns, rf. | 2 | 2 | 0 | 0 | 0 | 0 | 0 |

Total 31 11 14 16 15 0 1

*Batted for Miss McCormick in sixth.

| LONG DISTANCE— | A. | R. | H. | T.B. | O. | A. | E. |
|---------------------|----|----|----|------|----|----|----|
| Miss March, ss. | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| Miss Colsen, p. | 2 | 2 | 2 | 2 | 1 | 1 | 1 |
| Miss Paquette, c. | 2 | 2 | 1 | 4 | 15 | 0 | 0 |
| Miss Quarters, 1b. | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| Miss Murtaugh, 3b. | 2 | 2 | 1 | 1 | 0 | 0 | 0 |
| Miss Penninger, 2b. | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| Miss Lucas, cf. | 3 | 1 | 1 | 1 | 0 | 0 | 0 |
| Miss Bonk, lf. | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| Miss Webb, rf. | 2 | 1 | 1 | 1 | 0 | 0 | 0 |

Total 21 12 6 9 18 1 1

Two-base hits—Miss Morrow and Miss Gerhardt; home run—Miss Paquette; stolen bases—Miss Gerhardt 6, Miss Morrow, Miss VanVliet, Miss Lower 2, Miss Hayes 6, Miss Gassman, Miss Neally 2, Miss Burns, Miss March 3; Miss Colsen 2, Miss Paquette, Miss Murtaugh 5, Miss Penninger 5, Miss Lucas 3, Miss Bonk 3, Miss Webb 2; base on balls—by Miss Colsen 2, by Miss Hayes 3, by Miss Gerhardt 1, by Miss VanVliet 1, by Miss Morrow 2; hit by pitcher—by Miss Colsen 1; left on bases—East 6, Long Distance 2; struck out—by Miss Colsen 12, by Miss Hayes 6, by Miss Gerhardt 3, by Miss Gassman 2, by Miss VanVliet 1, by Miss Morrow 2; Hits off Miss Colsen—14 in 6 innings; off Miss Hayes, 3 in 2 innings; off Miss Gerhardt, 0 in 1 inning; off Miss Gassman, 3 in 1 inning; off Miss VanVliet, 0 in 1/3 inning; off Miss Morrow, 0 in 2/3 inning. Umpire—Mr. Spencer. Attendance—40.

Other Games

On June 20th the Walnut and West baseball teams played in the large backyard of the West office.

This was the West girls' first game and they deserve credit for the stand they made against the veteran Walnuts, who play very good ball.

BOX SCORE.

| | 1 | 2 | 3 | 4 | 5 | Tot |
|--------|-------|---|---|---|---|------|
| Walnut | | 2 | 3 | 4 | 5 | 4—18 |
| West | | 0 | 2 | 0 | 4 | 3—9 |

On July 2nd the Hickory defeated the Ridge in a nine-inning game, the score being 5 to 1.

Hickory—H. Lefevre, 1b; M. Burkhard, 2b; E. Stotz, 3b; B. Reynolds, cf; L.

Renslow, lf; G. Feucht, rf; Z. Goetholf, p; E. Rupp, c; J. Allor, ss.
 Ridge—F. Ricken, 1b; E. Meyers, 2b; F. Missig, 3b; M. Schmees, cf; M. Aurrlette, lf; R. Razwion, rf; E. Wilde, p; E. Newman, c; F. Zoelner, ss.

Walnut and Grand Ball Game

On Thursday, July 2nd, the Detroit Walnut defeated the Grand in the Walnut field by a score of 13 to 11. Miss Gilmore, of the Grand, pitched a very good game, giving no bases on balls and in the last

Shultz, Miss Jaska 3, Miss Vermont 5, Miss Wein 3, Miss Newman, Miss Murphy 2, Miss Gilmore, Miss Hohn 2, Miss Lorenzen 3; struck out—by Miss Gilmore 12, by Miss Jaska 9; bases on balls—off Miss Jaska 3; left on bases—Walnut 7, Grand 6.

Walnut-East Game

The all-conquering Walnut team in the Detroit traffic league defeated the East team at Bob-lo Island July 8th. It was a close call for Walnut, however, as shown by the score by innings.

| | | | | |
|--------|---|---|---|------|
| Walnut | 3 | 5 | 3 | 2-13 |
| East | 3 | 6 | 1 | 2-12 |

as well as ample shelter in case of rain. The park is located near Batavia, Ill., on the Aurora, Elgin and Chicago electric line. Trains will leave Fifth Avenue Terminal at 9:10 a. m., 10:10 a. m., 11:10 a. m. and 12:10 p. m., making stops at Marshfield and Fifty-second avenue. Returning, trains will leave Glenwood Park at 5:45 p. m., 7:45 p. m., 8:45 p. m., and 9:45 p. m.
 Tickets may be secured from all wire chiefs and a committee will be on hand at all stations where the special trains stop to supply tickets and assist in directing the crowd.



WALNUT TEAM, DETROIT.

Top row, left to right—L. Pardle, c; Schultz, 3b; Adams, lf.
 Second row—Walsh, 1b; M. Pardle, cf; Vermont, rf.
 Lower row—Foster, 2b; Murray, ss; Jaska, p.

two innings she speeded up her pitching and the Walnut girls were helpless. The Walnut both out-hit and out-fielded the Grand girls and thereby won the game. The fielding of Miss Jaska was the feature of the game as she got eight assists and one put-out. In the last part of the last inning, the Grand got runners on second and third bases with one out but Miss Gannon struck out and Miss Wein, one of the Grand's best hitters, knocked a bounder toward second base. Miss Jaska made a dive for the ball and got it on the pick-up and lost her balance and could not throw to first so she made a dive for the runner and touched her on the foot as she jumped over her, ending the game. Miss Schultz sprained her wrist tagging one of the runners too strenuously.

| WALNUT— | A. | B. | H. | T. | B. | O. | A. | E. |
|----------------------|----|----|----|----|----|----|----|----|
| Miss Foster, 2b | 5 | 2 | 3 | 3 | 0 | 0 | 0 | 0 |
| Miss M. Pardy, cf | 5 | 3 | 4 | 4 | 0 | 0 | 0 | 0 |
| Miss Adams, lf | 5 | 1 | 2 | 2 | 0 | 0 | 0 | 0 |
| Miss L. Pardy, c | 5 | 1 | 3 | 3 | 11 | 0 | 0 | 0 |
| Miss Walsh, 1b | 4 | 0 | 1 | 1 | 6 | 1 | 0 | 0 |
| Miss Murray, ss | 4 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Miss Shultz, 3b | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Miss Keller, rf | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Miss Jaska, p | 4 | 2 | 3 | 3 | 1 | 8 | 9 | 0 |
| Miss Vermont, rf, 3b | 4 | 2 | 2 | 2 | 0 | 0 | 0 | 0 |
| Total | 39 | 13 | 22 | 22 | 18 | 9 | 0 | 0 |

| GRAND— | A. | R. | H. | T. | B. | O. | A. | E. |
|-------------------|----|----|----|----|----|----|----|----|
| Miss Wein, c | 4 | 3 | 2 | 5 | 14 | 0 | 0 | 0 |
| Miss Newman, 3b | 3 | 2 | 2 | 2 | 0 | 0 | 0 | 0 |
| Miss Murphy, 1b | 4 | 1 | 4 | 5 | 1 | 0 | 0 | 0 |
| Miss Pouliot, rf | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miss Goshen, cf | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Miss Gilmore, p | 4 | 1 | 3 | 3 | 2 | 4 | 0 | 0 |
| Miss Hohn, lf | 4 | 1 | 2 | 2 | 0 | 0 | 0 | 0 |
| Miss Lorenzen, 2b | 4 | 1 | 3 | 3 | 1 | 2 | 1 | 0 |
| Miss Gannon, ss | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 34 | 11 | 17 | 21 | 18 | 6 | 1 | 0 |

Two-base hits—Miss Wein, Miss Murphy; three-base hit—Miss Wein; stolen bases—Miss Foster 3, Miss M. Pardy 6, Miss L. Pardy 3, Miss Walsh, Miss Murray, Miss

Chicago Maintenance Outing

This year's picnic to be given by the Chicago Maintenance Department employes will be held Sunday, August 23rd, at Glenwood Park, Ill. The picnic held last year was an unqualified success, even though arranged on short notice and given late in the season. Those in charge this year assert that arrangements are being made for even a better time, and while the outing is being given by the maintenance employes, people from all departments are invited to share the fun.

Among the many features promised are a ball game between the best players of the Maintenance teams in the Plant Department League, races for girls of all sizes and styles, races for boys and men, ball throwing contest for ladies, novelty race, band concert and dancing, which will all be free. One of the special features will be a prize tango. Other events will be announced on the grounds.

One of the big features of the day will be a baby show open to children under two years of age, whose parents are telephone employes. Handsome prizes will be awarded to the winning babies, and it is expected that the entire coming gen-



MISS VERMONT, OF WALNUT, AT BAT.

eration of "Telephone mites" will be entered in this event.

Glenwood Park consists of fifty acres of fine old forest fronting on the Fox River for half a mile. A large platform at the entrance makes loading and unloading quick, safe and convenient, and no transferring from one train to another will be necessary. The park is equipped with a large, well arranged restaurant where lunches, ice cream and soft drinks may be obtained. It is suggested, however, that all who can should bring basket lunches. There are benches and tables under the trees for those carrying lunches and an abundant supply of pure spring water is available.

There is a merry-go-round, dancing pavilion, running track and base ball field,

Loose Game at Rock Island

After defeating the Hartz and Bahnsen Drug Company team, Captain "Red" Schultze, of the Central Union team at Rock Island, Ill., said: "I will put my team against any big league team." The game was somewhat ragged as shown by a total of thirty-six hits, eleven errors and thirty-one runs. The runs were distributed 22 to 9 in favor of the Central Union team. The feature of the game was a three-base hit by Reynolds in the ninth inning, with the bases full.

Rockford Regulars Win

On June 20th the Central Union nine defeated the Rockford Malleable Iron Works team by the score of 6 to 5, and on June 27th they defeated the Rockford Watch Company by a score of 9 to 0. June 24th the Regulars played a scrub team, picked from Exchange employes, and as a result the Scrubs were put out of commission entirely, the final score being 18 to 2 for the Regulars. The work of Seguin, March and Olgren for the "scrubs," however, was particularly commendable. Although unable to add materially to their own score they did, by their clever playing, keep down the score of the Regulars. Otherwise, it is doubtful if the scorekeeper would have been able to record the number of runs for the Regulars.

Victory at Rochester

The Central Union baseball team of Springfield, Ill., defeated the Rochester team, 7 to 5, June 21st. The Springfield boys were accompanied by a party of boosters who later served supper to the team.

Eau Claire Team Winning

The Wisconsin Telephone Company's baseball team in the Commercial League at Eau Claire is still proving victorious. At the time of this report the team heads the league.

Chess and Checker Club

On the night of July 21st the Bell Telephone Chess and Checker Club of Chicago entertained the Hawthorne Chess Club of the Western Electric Company. The Western boys turned out strong with 40 men—27 chess and thirteen checker players.

Honors were even on the general results of the meeting. The Hawthorne club outplayed the telephone men at chess and the latter won at checkers.

The features of the evening were two match chess games between the two star players of each club. L. Shallcross of the Western, and H. Lieberman of the Telephone club played to a draw. J. M. Stahr of the Western won from K. B. Allured.

Of Interest to Our Girls

Conducted by Mrs. F. E. Dewhurst

Hot Weather Courtesy

In a department store on a hot day at a counter where the stock was piled two feet high, the head saleslady turned to a little stock girl and said, "Put away your stock in the boxes." To my astonishment the young girl flew into a passion, and for five minutes while several ladies were waiting for their parcels at the counter, they were unwilling witnesses of how many unreasonable, hateful things one can say when the temper is let loose. The head saleslady calmly listened, only quietly repeating her directions, and one of the ladies at the counter said to me, "It's pretty easy to see that this girl won't ever advance beyond a stock girl if she keeps on this way."

But probably she won't keep on this way. The patient saleslady who did not add fuel to the fire by arguing with her there before the customers probably saw the young girl had not yet learned the rules for success in business. Let us hope that in a quiet talk later she explained to the stock girl when a person goes into business life she must forget herself; that is, she must cease to think of her individual preferences and remember that she has sold her time to her employer to make his interests hers.

Maybe the girl up to this time has been the pet of the family. She may have been so intelligent in school that she has met approval, and possibly she has become a little conceited through the outspoken admiration of her friends and relatives. She needs now to earn money and these first few days she must not forget that in the eight or ten hours she works, she engages to be loyal to her employer and do what he, not she, wants done. For the time being she identifies herself with the firm for which she engages to work, and to do this she has to forget even the weather and her own discomfort, and keep courteous and calm just as she sees those who have been longer in the business do.

Do you think a girl will lose her independence and make herself a machine if she does this? Not at all! The discipline of controlling one's temper, of losing one's self in the interest of another is one of the best ways to develop individuality. You assert the supremacy of your will and you are your own master and not the creature of impulse. You are no longer a child moved by childish temper, but a woman who shows in her face and manner that she is equal to meet every

situation with equanimity.

For such a training as this one might well pay if she can graduate from business by and by with a serene disposition and with a poise that is not upset by every little annoying incident in the day or by the irritating heat of midsummer. The girl who learns to keep calm in warm weather will be a great deal cooler than the one who frets and fumes over her discomfort. Put an "ice coil" around the dangerous temper and "keep cool" when you meet an irritating customer or subscriber, and your own calmness and cour-

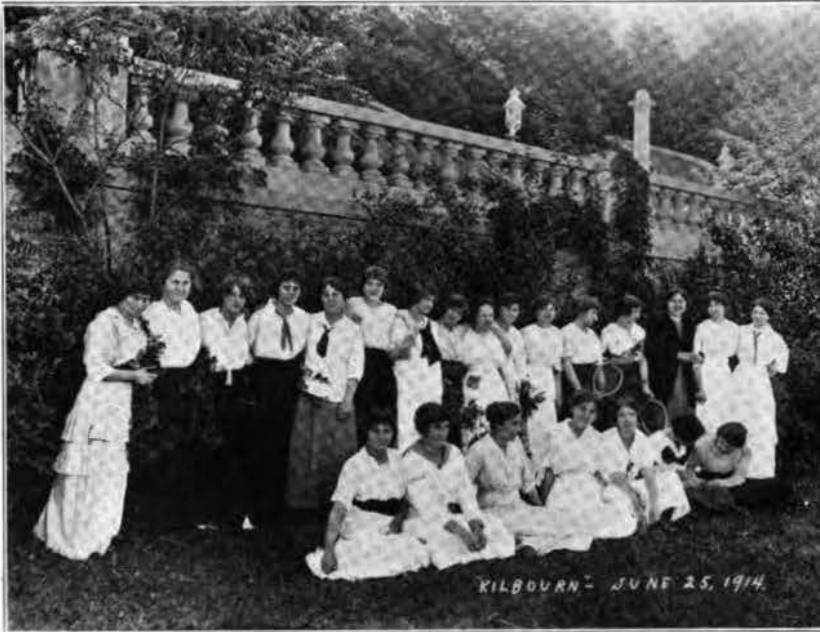
Boulder, Colo. It was especially appreciated by some of the Main girls who have been there for vacation, and some of the pictures were taken by one of the Main clerks. The land on which the cottage is built was given by Mrs. Sherwood for the purpose of making a holiday home for business girls. The girls themselves bought stock at ten dollars a share and have already paid for the house and are planning to build another cottage. Ten dollars paid for a share of stock gives the owner a room free each year for two weeks and the board is only \$5 a week.

It is not expensive and many girls are saving and denying themselves many small but useless indulgences that they may have the wonderful trip to Colorado and the exhilaration of being in the real mountains.

The pictures taken by Miss Albrecht, Main office, show the cottage and some details of the garden and surroundings.

Boulder is thirty miles northeast of Denver. There are many wonderful trips into the mountains which the girls enjoy at a small cost, and "beefsteak fries," ranch and burro trips are delightful possibilities in this vacation at the cottage.

The Blue Birds, who rented the house before it was ready to be occupied and had settled on the front porch, gave the



A PLEASANT MILWAUKEE OUTING.
Kilbourn Operators' Picnic at Lake Park, June 25th.

tesy will prove contagious. A little too much heat on your part may cause a big fire if you come in contact with a person who is as untrained in business courtesy as yourself. The company which employs you has a right to expect that you will represent it with as much dignity and courtesy as the highest officials would, themselves, show.

Vacation in the Mountains

Perhaps no woman in Chicago has done more to deserve the name of "Girls' Friend" than Mrs. John B. Sherwood. In various activities in the city, such as the Woman's Club, the Aitrua Circle, the Polytechnic Society and others, she has identified herself with the interests of girls who care for art and the beautiful in the whole range of life, from household decoration and matter of dress to the great masterpieces in art and architecture all over the world. Her lectures and pictures have made thousands of girls familiar with the finest things here and abroad.

On Thursday, July 2nd, Mrs. Sherwood gave a stereopticon talk in the Main Lecture Hall on "Blue Bird Cottage" at

name to the place.

Any young lady in our organization who thinks she might like to take a vacation at Blue Bird cottage may obtain further information by addressing Holiday House Association, 1223 Masonic Temple, Chicago.



ON THE PORCH AT BLUEBIRD COTTAGE.
Blue Birds Nesting Here Gave the Cottage Its Name.

Physical Training of Cleveland Students

The Cleveland telephone students dislike rainy days—as rain prevents the practice of gymnastic exercises on the

in the Main Office building. Park benches and swings will give an added touch to the outdoor effect, and a panoramic view of the city which takes in the valley of the Cuyahoga river, are interesting features which can be seen from the roof-

ward inflection, for the reason that termination of this kind always sounds better to the listener than where the reply comes with a downward inflection.

"If you will school yourself to do so and require those reporting to you to follow this plan, it will soon become an established feature of our service, and will, we believe, not only tend to efficiency, but increase the reputation of the company for courtesy."



BLUEBIRD COTTAGE, BOULDER, COLO.

roof of the Telephone building. Here it is that each morning and afternoon, weather permitting, the school classes assemble, eight stories above the street, and following the guidance of an instructor of the operators' school various gymnastics are performed with a vim.

One of the exercises shown in the picture—with one hand on the hip and arm arched over the head—is a first cousin to the Scotch sword dance. The weight of the body is shifted from one foot to the other and the position of the arm is changed rapidly, making a very picturesque and health-giving drill. Deep breathing exercises and enunciation practice take on an added interest when done in the open air, and the student returns to the class rooms invigorated for further study.

The group of nine in the picture on page 17, which is the graduating class of May 16th, serves to show the excellent type of young women that are being added to the Cleveland operating force.

Plans are under way to transform a section of the roof into a garden and recreation spot for the telephone employes

recreation room of the Cleveland Telephone building.

Railroad in Courtesy Campaign

Proper voice control as a feature of successful railroading is to be cultivated by the Chicago Great Western railroad. A uniform system of answering the telephone, which is to be used at all stations and in all offices along the line, has been originated by the traffic department and

Dictating Music by Telephone.

It is not uncommon to hear of daily newspapers getting late details or entire stories by telephone—in fact the telephone is the chief dependence of the latter-day news gatherer. But a novel note is sounded (if the expression may be permitted in such a connection), by the announcement in *The Telephone Review* that music actually has been dictated by telephone.

Harry L. Tyler, the editor of *Ambition*, desired to print a festival anthem. The magazine is printed in Scranton, Pa., and Philadelphia is the nearest point from which a musical printing plate can be obtained. The plate was needed in a few hours. Mr. Tyler leased a Bell toll circuit from Scranton to Philadelphia. Within a half hour every note and every syllable had been read into the transmitter.

The following will illustrate the wording in dictating the music: Soprano, treble clef; B-flat, common time; A half; B and C slurred eighths; D and E slurred eighths; 2d bar; F high quarter; C, A and F quarters down, etc. All the parts were dictated this way.

The New Department

Hats off to the all-wise management of the Bell telephone business in the country at large. In their magazine for July, the BELL TELEPHONE NEWS appears a new



STUDENTS ON ROOF AT CLEVELAND MAIN BUILDING.



CLEVELAND SCHOOL STAFF AT WIL-LOW BEACH PARK.

an official notice is being mailed from the Chicago general offices.

Circular No. 2,909, headed "Uniform Method of Answering Telephone Calls," says in part:

"Hereafter, when answering telephone calls, please adopt uniform practice of replying as follows: 'Great Western (name of individual) talking.' The words 'Great Western' and the name of the individual should be finished with an up-

department—fashions. There are two pages on which the principal features are two-piece skirts with the popular Russian tunic. The broad band sash girle and the long vertical bow kind are cleverly portrayed. Two and three-piece petticoats are also lightly descanted upon.

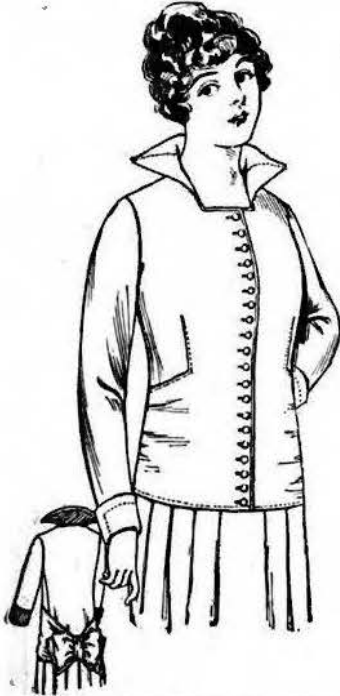
Oh, wisdom of the Gen. Mgr. His first name must be Solomon. Wonder if he's married or whether he thought of it himself.—Edwardsville (Ill.) *Intelligencer*.

FOR THE GIRL WHO SEWS

**A NEW AND FASHIONABLE
BASQUE**

No recent fashion at least has sprung into popularity with greater suddenness and certainty than the basque. It made its bow only a short time ago yet already it is accepted and worn by the best

materials. This one can be made just as illustrated or with the fronts shorter and curved, giving a cutaway effect, and it is appropriate for silk and satin, for cloth of light color and also for the sturdier and heavier materials of harder usage, for it is material and color that determine the character of the garment, since the



8358 Basque with Sash Extensions, 34 to 44 bust.

dressed women. This one is finished with a flaring Normandy collar that is becoming to almost all women while its front portions are cut with long sash ends that are bowed at the back. In the illustration it is shown with a plaited skirt. The combination is a good one but there are also flounced and ruffled skirts that are admirable for the purpose. For such an effect as this one, taffeta could be used throughout. For a more dressy costume, the basque could be made of taffeta or charmeuse satin with a plain straight skirt covered with lace flounces, but in such case the sleeves would be in three-quarter length and finished with lace frills.

For the medium size, the basque will require $4\frac{1}{2}$ yards of material 27, $3\frac{3}{4}$ yards 36, $2\frac{3}{4}$ yards 44 inches wide, with $\frac{3}{4}$ yard 27 inches wide for the collar and cuffs.

The May Manton pattern of the basque 8358 is cut in sizes from 34 to 42 inches bust measure. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in 2-cent stamps. Use pattern coupon on this page.

**CIRCULAR CAPE, PERFORATED
FOR SHORTER CURVED FRONTS**

The long circular cape has become an exceedingly fashionable garment, utilized for many occasions and made from many



8339 Circular Cape, One Size.

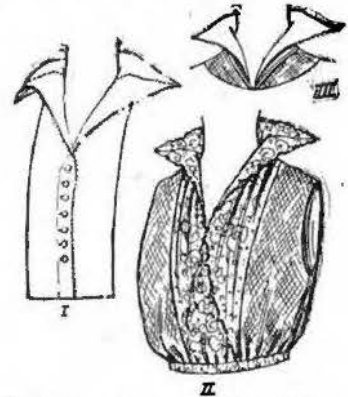
shaping of the practical one and of the one of dressy occasions is the same. In the picture, broadcloth is unlined. If a slightly more dressy effect were wanted, charmeuse satin could be used with lining of the same or of other silk and, for a very sturdy, practical garment, tweed or some similar material would be appropriate. In any case, the neck is finished with a rolling, flaring collar and ribbon is passed around the neck under the collar while it is tacked to position, crossed at the front and tied at the back to hold the cape in place. The only fitting required is accomplished by means of short darts, so that there is almost no labor required for the making.

The cape will require 4 yds. of material 36 or 44, $2\frac{3}{4}$ yds. 50 in. wide, with $2\frac{1}{4}$ yds. of ribbon 5 in. wide.

The pattern of the cape, 8339, is cut in one size. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on this page.

**CHEMISSETTE, GUMPE AND
COLLAR**

Guimpes and chemisettes make such a really vital feature of present styles that this pattern is a most valuable one.



8335 Chemisette, Guimpe and Collar, Small 34 or 36, Medium 38 or 40, Large 42 or 44 bust.

The collar in each instance is of the flaring sort, sometimes known as Normandy, sometimes as Gladstone, sometimes as Marie Stuart, but, by whatever name it is called, it is very generally be-

PATTERN COUPON

Fashion Department, BELL TELEPHONE NEWS,
212 West Washington St., Chicago, Ill.

Enclosed find.....cents in 2-cent stamps for which please send me patterns listed below:

No.....Size.....

No.....Size.....

The price of each pattern shown in this issue, to employes of the Bell System, is six cents when order is accompanied by this coupon. Write name and address, and number and size of patterns plainly. Enclose six cents in 2-cent stamps for each pattern ordered.

Name

Address

City or Town.....

State

coming and exceedingly smart. The little chemisette or vestee is an exceedingly useful garment to slip on under a blouse or a coat. The guimpe with its full front is somewhat more dressy in effect but equally practical. The collar can be utilized for almost any costume inasmuch as it can be made of lace or net to be exceedingly smart or of organdie or piqué to be quite simple, and piqué for both collars and chemisettes is one of the newest and latest fancies.

For the medium size, No. 1 will require $1\frac{1}{4}$ yds. of material 27, $\frac{3}{4}$ yd. 36 or 44 in. wide; No. 2 $\frac{7}{8}$ yd. 18 or $\frac{5}{8}$ yd. 44, with $2\frac{1}{4}$ yds. of lace 6 in. wide; No. 3 $\frac{1}{2}$ yd. 27, $\frac{3}{4}$ yd. 36 or 44 in. wide.

The pattern 8335 is cut in three sizes, small 34 or 36, medium 38 or 40, large 42 or 44 inches bust measure. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on page 15.

ATTRACTIVE NEW DRESS WITH LONG TUNIC

The straight gathered tunic is an extremely becoming one to slender girlish figures and this frock one of the prettiest and smartest of the season. In the illustration, it is made of silk gabardine braided and combined with charmeuse satin. The same effect can be obtained by using wool material and velvet, for such combinations are to be worn throughout the autumn and winter. When a



8361 Dress with Long Tunic for Misses and Small Women 16 and 18 years.

simpler dress is wanted plain wool material can be combined with striped or one material can be used throughout. Paris has set the seal of approval upon trimming of braiding but, as a matter of course, banding can be used or any similar finish. The frock is a simple one with no difficulties to be met in the making. It consists of a two-piece skirt faced with contrasting material to convenient depth and a blouse with raglan sleeves that do away with all fitting at the armholes.

For the 16 year size, the dress will require $5\frac{3}{4}$ yds. of material 27, 6 yds. 36, 5 yds. 44 in. wide, with $1\frac{1}{2}$ yds. for the facing and collar to make as shown on the figure. For the braiding, design No. 476 is used.

The pattern 8361 is cut in sizes for 16 and 18 years. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use coupon on page 15.

HOUSE JACKET WITH ELBOW OR LONG SLEEVES

The house jacket made with a peplum is always a satisfactory one and, in this case, there is just the becoming ripple or



8355 House Jacket, 34 to 44 bust.

flare over the hips that makes the very latest fashion. The sleeves, too, are slightly full at the shoulders. Altogether the jacket is one of the most comfortable possible as well as exceedingly pretty. Flowered dimity is the material illustrated with collar of linen but all the simple washable materials are appropriate for immediate wear while the jacket would be quite as satisfactory made from challis or cashmere for cool days. Tub silks too are being much used and the washable silks of Japanese make that are quite inexpensive make satisfactory jack-

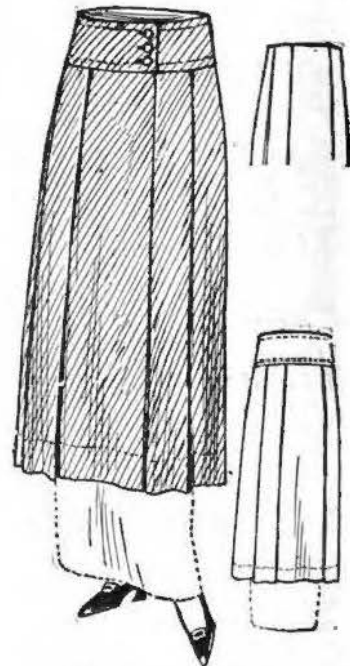
ets both from the standpoint of comfort and of durability.

For the medium size, the jacket will require $3\frac{3}{4}$ yds. of material 27, 3 yds. 36, $2\frac{1}{2}$ yds. 44 in. wide, with $\frac{3}{4}$ yd. 27 in. wide for the collar. The embroidery design 387 is used for the scallops.

The pattern 8355 is cut in sizes from 34 to 44 inches bust measure. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on page 15.

BOX-PLAITED TUNIC WITH HIGH OR NATURAL WAIST LINE

The long plaited tunic is one of the smartest of all garments this season and it unquestionably will continue its vogue indefinitely, for it has met with a hearty



8347 Box Plaited Tunic, 24 to 32 waist.

reception and is generally becoming. This one can be made with a yoke that extends to the high waist line or it can be joined to a belt at the natural waist line so that it can be adapted to all figures. When it is added that it can be made with skirt to match or worn over a contrasting material, its very general usefulness will be appreciated. At the moment, taffeta is being much used with serge, summer gabardine and the like and, since the suggestion is an excellent one for remodeling, it seems especially practical, but the tunic is smart whatever the material and is fashionable for indoor gowns as well as for street costumes.

For the medium size, the tunic will require $4\frac{3}{4}$ yds. of material 27, $3\frac{3}{4}$ yds. 36 or 44 in. wide, with $\frac{3}{4}$ yd. any width for yoke.

The pattern 8347 is cut in sizes from 24 to 32 inches waist measure. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on page 15.

A PAGE OF SUMMER SNAPSHOTS



GRADUATING CLASS FROM CLEVELAND OPERATORS' SCHOOL, MAY 16th.



WEST SIDE NIGHT OPERATORS AT WILSON BEACH, CHICAGO.



THIRD MAIN "A" DIVISION AT TASHMOO PARK, DETROIT.
Standing, Helen Keffler, supervisor; sitting, left to right, Anna Regan, Eva Bruce, Pauline Kraut, Erma Ramm, L. Thomes, M. Mercier, M. McMann.



GRAND AND CADILLAC GIRLS AT TASHMOO PARK, DETROIT.



INDIANAPOLIS OPERATORS AT BENDHUR PARK.
1, Agnes Kennelly; 2, Jennie Rosuck; 3, Florence Von Burg; 4, Josephine Harnigan; 5, Pearl Rice; 6, Mae Flynn, 7, Hazel Thorn.



DETROIT GIRLS ON STEAMER "TASHMOO."



A CHICAGO LAKE RIDE.



INDIANAPOLIS OPERATORS AT BENDHUR PARK.
1, Pearl Rice; 2, Nettie Green; 3, Ethel Brannan; 4, Lena Pommerening; 5, Martha Pommerening.



WEST AND WALNUT BALL TEAMS, DETROIT.



RIGHT IN THE SWIM.
Hazel Thorn and Florence Von Burg, two Central Union girls at Indianapolis.



MR. BELANGER AT ORCHARD LAKE.

Brief News Notes from the Field

Items of Interest to Bell Telephone Employees Gathered from All Parts of the Territory

Chicago Division

Mrs. F. E. Dewhurst, G. W. Cummings,
Correspondents

Suburban Promotions

Evanston—M. Baimes, night operator to night supervisor.
Hammond—M. Hickey, operator to night supervisor; A. Kingston, operator to supervisor.

Parents' Day at Oakland and Humboldt

The first of a series of receptions for the parents and friends of our operators was begun at Oakland, Thursday afternoon and evening, July 16th. The object of these days is to welcome the parents or friends who may be interested in seeing the surroundings in which the operators work. Fathers and mothers, of course, are especially interested in the working conditions, and from the response at Oakland it seems that such open days will be appreciated. On account of a severe storm in the afternoon no so many as were expected came, but there were about eighty who accepted the invitation of the young ladies. Refreshments were served and there were many expressions of satisfaction over the rest rooms and dining room provided for the young ladies' comfort.

At Humboldt Thursday, July 23rd, the attendance was not so large, as the day was a record-breaker for heat, but those who came felt amply repaid and were interested both in the operating room and in the rest and dining rooms.

Bathing Parties

Lawndale, Kedzie, Monroe and Canal executive forces were represented at a bathing and picnic party July 2d at Diversey Beach and Lincoln Park. Miss L. Ireland, of Kedzie, acted as hostess, assisted by Miss E. Benjamin, of Monroe. After most of the party had enjoyed vigorous plunges in Lake Michigan a nice spot in the park was found and the "eats" laid out. The time until the hour for leaving for the different offices was pleasantly spent in various games.

Several of the west side night forces met

at Wilson Beach July 10th and enjoyed a dip in Lake Michigan, followed by a nice lunch on the beach. Miss E. Benjamin, of Monroe, acted as hostess in her usual able manner.

Entertainments

A luncheon in honor of Anna Dedmond was given at the La Salle Thursday noon, July 11th. Thirty young ladies sat down to the tables, which were arranged in the form of a letter "T" and decorated with ferns. The guests of honor were Anna Dedmond, Mae McCarthy, Mrs. Dewhurst and Mrs. Ehrhart. Marie O'Sullivan acted as hostess. The following young ladies were present: Mary Madigan, Elizabeth Prior, Margaret



OAKLAND EVENING SUPERVISORS AT GRANT PARK.

Norman, Margaret Sheehan, Mae Roberts, Margaret Glannery, Florence Wilkins, Mae Ryan, Harriet Jordan, Anna White, Anna Brown, Ethel Crawford, Margaret Wywa, Julia Collins, Nellie Krause, Ada Vandegarde, Anna Workey, Anna Rossman, Marie Thornton, Ruth Johnson, Florence Bartholomew, Mrs. Maude Kurz, Mrs. Lillian Hammer.

After a delightful social hour at the La Salle, the party adjourned to Grant Park, where a snapshot was taken of the group. The party was a great surprise to Miss Dedmond, who came to the La Salle expecting to meet a friend from out of the city and her feelings can be imagined when she saw the group of young ladies awaiting her.

Evanston District

The tennis court that has just been laid out in the yard of the Glencoe exchange has proved to be very popular. Already there is talk among the girls of having a tennis tournament, and every afternoon and every evening before it gets dark the young ladies may be seen practicing.

A group of the supervisors from the Evanston exchange recently saw "The Queen of the Movies" at the Illinois theater, and were much delighted with the stutters of "Mr. Hilton," and applauded vigorously the singing of "Oh! Oh! Cecile."

The good old summer time is here, and the girls are taking full advantage of "Little Old Lake Michigan" and its cool waters. A few wry faces can be seen as they adjust their sets, and it almost seems as though sunburn hurts the most on the back of the neck.

Personals

Henrietta Specht, of the auditor of disbursements' office, was married July 4th to Karl Engholm.

Bessie Zitt, Waukegan operator, visited Buffalo, N. Y., and nearby Canadian points.

Lloyd Young, wire chief at Waukegan, has resigned to taken up farming in Canada. Earl Potter, former wire chief at Highland Park, has been transferred to Waukegan to succeed Mr. Young.

Cupid's attacks on the accounting department's disbursement division during June resulted in two fatalities. Ella Monaghan became Mrs. Henry Lieb on June 4th. Oscar Friedlund married Edythe E. Gustafson on June 24th.

Dolcie Hixon, an operator at Highland Park, and Earl Potter, Waukegan wire chief, were married July 1st.

Florence Bartholomew, Oakland evening supervisor, resigned to be married, and was presented with a beautiful set of table silverware by the evening supervisors.

Nellie Cooley, who has been with the company for more than ten years, has resigned her position as operator in Main office to become a Sister of Charity, in the order of the Blessed Virgin Mary at Dubuque, Iowa. Miss Cooley has been a most faithful employee of the Company and much esteemed by the office force. As a token of their warm affection, the girls of Franklin office presented her with a beautiful watch. On Monday a party of Miss Cooley's friends were entertained at her home and there were many expressions of love and best wishes for Miss Cooley in her chosen work.

Illinois Division

A. J. Parsons, Correspondent,
Springfield

Division Offices

Effective July 1st, A. J. Parsons, formerly chief clerk for the receivers, at Chicago, has been appointed commercial superintendent for Illinois, with headquarters at Springfield.

Alton District

B. G. Seymour, manager at Collinsville, was transferred to Beardstown as manager, June 15th. He was succeeded by W. E. Campbell, formerly wire chief at Collinsville. S. T. Gadsby, of Kansas City, has accepted the position of wire chief at Collinsville.

Leta Evans, local operator at Alton, has resigned her position and will make her future home at Troy, Mo.

Virginia McDonald has accepted a position as toll operator at Alton.

Decatur District

Adolph Schlick, clerk in the district plant chief's office, and Marguerite Marks were married June 23d at the home of the bride's parents in Jackson, Tenn. On the following day they returned to Decatur and are house-keeping at 1035 North Morgan street. On the evening of June 29th, Mr. Schlick gave a stag party to the employees of the ex-



LAWDALE, MONROE, KEDZIE AND CANAL NIGHT FORCES AT LINCOLN PARK, JULY 2d.

change, at which he was presented with a handsome porch hammock.

Eyron D. McMillin, commercial agent, and son of J. B. McMillin, district commercial manager, was married to Gertrude Robinson on July 2d. The couple took a trip to Quiver Beach for a few days, and upon their return went to housekeeping at 1715 North Main street.

Mary McClure has resigned her position as toll operator at Decatur and was married to Charles Chapman on Saturday, June 27th.

Ethel Caldwell of Decatur spent her vacation in Columbia, Ky. On June 18th, the Decatur relief operators had an outing at Fairview Park, at which thirty-two were present. The picture speaks for the good time which the girls enjoyed. Supper was served at 6:30 under the direction of Mrs. Jessie Hawkins, assisted by a committee of the girls.

Jacksonville District

J. K. Acton, commercial manager at Beardstown, has resigned. He is succeeded by B. G. Seymour, formerly manager at Collinsville. Mr. Seymour assumes charge of all three departments at Beardstown.

Esther McCarty, local operator at Jacksonville, has resigned and will make her home with an uncle in Georgia.

Mabelle Lucile Hildreth, collector at Roodhouse, has resigned, and returned to her home in Chambersburg, Ill.

Grace Darr, chief operator at Carrollton, was married May 9th to Hayden Gallup.

Blanche Turner has been made chief operator at Carrollton, succeeding Miss Grace Darr. Henry Markham, repairman at Roodhouse, has resigned, and is succeeded by Truman Thaxton, formerly county repairman at Carrollton.

On Friday, May 29th, the local operators at Carrollton, gave a party in the retiring rooms in honor of Miss Turner, the new chief operator. Lunch was served and a good time is reported.

Bessie Little has been promoted to toll operator at Carrollton, the position made vacant by the appointment of Miss Turner as chief operator.

F. R. Jarboe, commercial manager at Carrollton, returned to work after three weeks' illness.

Pansy Ligon, night chief operator at Whitehall, graduated with honors at the Whitehall School May 21st. It is rumored that Miss Ligon will resign her position to be married.

Mrs. A. G. Darnley, collector at Whitehall, will spend her vacation in Calgary, Alberta, Canada.

A new rest room at Carrollton has been fitted and furnished with steel lockers and the usual furniture. The operating room has been rearranged and the operators are very comfortably quartered.

Galesburg District

On Sunday, June 21st, the employes at Galesburg held their fourth annual picnic at the City Park, and everybody had a grand good time. Plenty of good things to eat and games made the day pass quickly. Mr. and Mrs. J. E. Babson, Mr. Trout, Mr. and Mrs. E. S. Slusher and Miss Brown of Macomb, and several from Monmouth were the out-of-town guests.

Ollie Kinsel and Alta Hickman have returned to work after a pleasant vacation.

Irene Martin, local operator, spent her vacation in Rock Island and Davenport.

Bertha Kelly has accepted a position as local operator at Galesburg.

Julia Barnes, chief clerk in the district traffic chief's office at Rock Island, spent the Fourth with friends in La Harpe and called on her many friends at the Galesburg exchange on the following Monday.

Fred Beckman, district commercial manager at Bloomington, spent several days with friends and relatives in Galesburg and was a caller at the Galesburg exchange.

Fred Prout and Nellie Lathrop were married on Tuesday, June 30th, at the bride's home in Galesburg. Mr. Prout has charge of the cable extensions in Rockford at the present time and has a great many friends among the telephone employes who extend to Mr. and Mrs. Prout their heartiest best wishes for a happy future.

La Salle District

One new section of switchboard, one new toll position, one new rural position and added multiple jacks are now being installed at La Salle by R. H. Schutte of the Western Electric Company. Work is to be completed by August 20th.

Gertrude Gannon, stenographer in the La Salle commercial department, has been

transferred to the accounting center at Springfield. Gustie Wirtz has been engaged to fill the place left vacant.

Blanche Hall of the commercial department at La Salle has resigned to accept a position with a local dry goods house as bookkeeper. Nora Donovan has been engaged to fill the vacancy.

Mercedes Konczk, local operator at La Salle, has returned from her vacation, spent at Springfield.

Julia May Travers, local operator at La Salle, has returned from her vacation at Niagara Falls.

Several employes of the plant department spent July 4th and 5th at "Sister Island" hooking the finny tribe. After investigating their fine catch and failing to find hook marks we decided it was a netting party. Well, we got the fish and they were fine.

The operators at La Salle who worked July 4th were treated to a feast of cherries by a subscriber, Mrs. David Spears, and ice cream and cake were furnished by L. V. Oranger. Anna McCormack (now Mrs. John Flaherty), formerly toll operator at La Salle, has taken up her home at the residence of Mr. Flaherty on his farm on the Mendota Pike. The operators at La Salle presented her with a beautiful set of table linen and various small and useful articles.

Margaret Dowling of La Salle has returned from her vacation spent at the lakes.

Mary Blanche, local operator at La Salle, has returned from her vacation at Chicago and Milwaukee.

Paris District

Orville Stark, who for the past three years has been trouble man at Mattoon, was instantly killed June 13th by coming in contact with an electric light wire, 2,300 volts passing through his body. His fellow linemen acted as pall-bearers at the funeral.

Myrtle Edman, local night operator at the Charleston exchange, was one of the lucky four of Charleston to receive the \$50 vacation fund, which is donated each year by William McKinley of Champaign, Ill.

Bertha and Dora Driskell have resigned their positions as night chief and local operators, respectively, at Paris and have been succeeded by Mrs. Beatrice Shew and Maude Wade.

Paris was visited by a severe electrical storm on June 25th and 26th, which burned out fifty-three cable pairs in five cables, causing trouble on 106 stations, including forty-two former stations. On the Paris-Marshall toll lead five poles were blown down, causing trouble on all wires. On the Paris-Mattoon toll lead, between Paris and Kansas, fifteen poles were blown down, but caused no line interference. On the Paris-Danville toll lead, three miles north of Chrisman, five poles were blown down. Frank Weaver, cableman, of Decatur, assisted in repairing damages. An estimate covering the rebuilding of the Paris-Mattoon toll lead has been approved. Work will begin in the near future.

Effective July 1st, the joint telegraph and telephone office at Paris was discontinued, the Western Union Telegraph Company establishing an independent office with O. D. Anderson, former Morse joint operator, as manager.

Peoria District

Private branch exchange contracts have been secured and service installed, consisting of two trunks, five sub-stations and cordless switchboards, for the I. N. Martin Dry Goods Company at Peoria.

Lulu Olson, clerk in the collection department at Peoria, resigned June 15th and was married to Barnhart William Benson June 24th. After a short trip they will go to housekeeping in their new home at 107 Matthew street. Miss Olsen is succeeded by Ellen Vennell.

Leigha Sprague, local operator at Bloomington, Ill., was married June 18th to Lee Walls.

Ruth Carver, collector at Canton, has resigned her position to be married. Miss Carver is succeeded by Jessie M. Benner.

The day operators of the Main exchange at Peoria gave a picnic at Bradley Park on the evening of July 1st. The evening was spent in dancing.

The operators at Peoria exchange are busy getting ready for the big boat ride which will be given very soon. Irene Amos, clerk in the district traffic chief's office at Peoria, has been visiting in St. Louis during her vacation.

Mamie Kirby, pay station attendant at Peoria, has recently gone to Michigan, where she will remain indefinitely. Mary Snell has taken the position of pay station attendant.

Burt Abbott of Quincy, Ill., has been doing special equipment work in Peoria for the last few weeks.

Rockford District

Cupid has been actively at work in the Rockford exchange recently, and as a result many announcements have been made. Lulu Kindell, instructor, resigned her position on June 15th and announced that she had been Mrs. Arthur Du Ree since May 17th. The social element immediately started working and one shift of the operating force gave a picnic supper at Siniissippi Park on the evening of June 17th. An elaborate menu had been arranged and after doing justice to it the party went to Harlem Park, where an enjoyable evening was spent. The following night, June 18th, the other shift entertained for Mrs. Du Ree at a linen shower at her home. An impromptu musical program contributed by several of the operators was much enjoyed and dainty refreshments rounded out the evening's entertainment.

Augusta Cameron, a local operator, recently resigned and was married on July 4th to John Jowdakin.

The Rockford operators were again shown the interest taken in them when on Thursday, June 11th, Mr. and Mrs. Luther Derwent extended an invitation to the operating forces to picnic at their beautiful home north of the city on the west bank of Rock River. About thirty responded to the invitation and were "chaperoned" by Messrs. Lloyd Lange and Austin Seguin. From the word "Go" not a moment was lost. Mrs. Derwent and daughter met the girls and escorted them to a picturesque location on the lawn overlooking the river, where a most sumptuous repast was served. "Eat, drink and be merry" was surely the slogan and everyone did it justice. Wait Talcott, another one of Rockford's leading citizens and business men, remembered the girls with ten pounds of candy. After supper some good lively games were enjoyed and it reminded everyone of "When We Were Kids Together." In playing "run, sheep, run," Mr. Seguin and Mr. Lange were chosen captains and sad to say Mr. Lange's team had to surrender honors to Mr. Seguin. While playing "drop the handkerchief," one of the "chaperons," Mr. Lange, although ordinarily a very graceful sprinter, did a beautiful corkscrew turn which would do credit to any professional acrobat. After dark the party repaired to the porch, where they sang every song published, from the sublime to the ridiculous.

Aurilla Horigan has been appointed instructor at Rockford, succeeding Mrs. Arthur Du Ree. The Misses Veryl Beales, Myrtle Dickinson and Mayme Reedy have recently been appointed supervisors at Rockford.

Rock Island District

A fine banquet was given by the employes of the Moline district in honor of E. L. Mitchell, district plant chief, at the Harms Hotel, June 8th. Twenty-eight employes, including District Commercial Manager Beverlyn, District Traffic Chief Barlow and H. W. Linaburry, construction foreman, attended. Mr. Mitchell leaves many friends at Rock Island and Moline, and he takes with him best wishes for good luck in his new duties as line supervisor at Springfield. District Traffic Chief Barlow acted as toastmaster. District Manager Beverlyn made a presentation speech, which was one of his "usual screams," presenting Mr. Mitchell with a beautiful watch chain. Mr. Linaburry, who succeeds Mr. Mitchell as district plant chief, comes from the construction department as foreman.

The installation of the equipment at the new Rock Island exchange was started June 1st by Western Electric Installer Glen Kiner, foreman, with a crew of about twenty men. The equipment is of the latest type of keyless automatic-ringing cord circuits. There will be nine sections of No. 1 subscribers' board and four sections of toll.

Lillian Ward, former stenographer for the district plant chief, resigned June 1st.

Lee Weise, formerly chief clerk for Construction Foreman Linaburry, is transferred to the position of chief clerk for District Plant Chief Linaburry, at Rock Island.

Lillian Roderick has accepted a position as stenographer and clerk in District Plant Chief Linaburry's office.

Josephine McNeills, B operator at Rock Island, has returned to her duties after an absence of several weeks due to a broken arm.

Madeline Berry, local operator at Rock Island, had the misfortune to fall from a street car, resulting in a seriously injured arm which kept her from her duties for two weeks.

A No. 2 private branch exchange of three stations and one trunk has been installed by Installer Williamson for the Rock Island Brewing Company.

The Moline district has had its share of storms in the past few weeks. About 1,500 cases of trouble have been cleared. Moline

had three cables and Rock Island four cables reported in trouble during this period.

Mollie Kerr, trunk operator at Rock Island, and Harry E. Wilson, of Milan, lineman at Moline, were married June 30th.

Springfield District

Florence Binney, information operator, resigned to be married to George Cartwright on July 8th. They will spend their honeymoon in the north.

The Blue Bell Club of Springfield gave an ice cream social on the evening of June 30th at Reservoir Park. There was a good attendance and all reported an enjoyable time.

Mary Sharples, local operator at Springfield, resigned June 30th on account of home duties.

Miss Myrtle Ward, toll operator at Springfield, spent her vacation in St. Louis.

Alice Tyler, evening chief toll operator at Springfield, spent her vacation in Pekin, Ill.

The H. G. L. Club, composed of local operators, gave a picnic at Washington Park on Monday evening, July 6th. Supper was served at 6:30. Games were played, and all present reported an enjoyable time.

Indiana Division

D. H. Whitham, Correspondent Indianapolis

Plant Picnic at Muncie

On July 4th men of the plant department at Muncie, with their families, held a picnic on Bell Creek. The accompanying picture is entitled "A Watermelon Feast." Those in the picture are: First row—James Wilson and daughter, Miss Rutledge, Mrs. Post, Mrs. Wilson, Mrs. Williams, Mrs. Rutledge, Mrs. Shaffer, Mrs. Hatfield, Mr. Hatfield, Mr. Rutledge, Mr. Wolf, Mrs. Rich, Mr. Williams, Mr. Post. (The machine nearly caught Post trying to flatten a piece of melon against Williams' face.) Second row—Mrs. Wilson, Mrs. Pittenger, Mrs. Roth, Mr. Shaffer, and in front are grouped the children. The rest of the bunch were too busy fishing and shooting to pose for a picture. (Result: Three squirrels and a mess of bass.)

The dinner was the important part, including five watermelons and five gallons of ice cream. Everyone had a good time and they may try it again on Labor Day.

Division Offices

A party of seventeen young ladies in the division and district offices, with their friends, had a delightful outing on July 4th and 5th at Ben Hur Park, fourteen miles north of Indianapolis on White River. The party was chaperoned by Mr. and Mrs. Hirst with W. B. Thomas, construction superintendent, as a special guest on July 5th. The ladies were taken to the park in the company's motor trucks. They spent their time canoeing, swimming, taking strolls through the woods, shooting fireworks (the latter the gift of Mr. Wampler, district commercial manager), and principally eating. Some little extras were thrown in on the side, such as burned hands, mashed fingers, sprained backs, chigger bites, etc. The accompanying pictures show the majority of the girls who attended the picnic, the others being too busily engaged with other amusements to stand still long enough to pose. Those who made up the outing were Ethel Brannan, Nettie Green, Jennie Rosuck, Hazel Thorn, Florence Von Burg, Agnes Kennelly, Lena Pommerening, Martha Pommerening, Doris Gensler, Leona Gensler, Mae Flynn, Rachel Mooney, Magdalena Bolanz, Pearl Rice, Cozette Siner, Josephine Harrigan and Mrs. Mary Ferguson.

On June 28th and 29th about thirty of the men from the plant, traffic and commercial departments camped out in Ben Hur Park over Saturday and Sunday. Plenty of "eats," etc., were available. Swimming, ball game, games of all kinds furnished pastime for the bunch. Nobody slept except those who stole away and went a half mile down the road and pitched blankets under a tree. Everyone who attempted this was hunted down and brought into camp. Chicken dinner was served on Sunday for those who were still able to eat.

On Monday, July 20th, all Indiana managers (except C. E. Lee, of Anderson, who was on vacation) met in Indianapolis with General Manager Stickney to discuss the 1915 budget. After the business session the managers lunched at the Columbia Club and the majority of them saw Indianapolis wallop Kansas City at the ball park in the afternoon.

Central District

Muriel Johnson, evening chief operator of the North office, Indianapolis, who was married June 24th to Glen McVeigh, has been succeeded by Mae Rohrer, who was formerly a Chicago supervisor.

Irene Thomas, Freda Webster and Martha Starr, operators of the North office, Indianapolis, have been promoted to supervisory positions.

Agnes Larimore, a Prospect operator, was married June 5th to Earl Dean.

Lella Rasener, Prospect operator, was married June 25th to Julian Johnson. Hilda Rader entertained on July 1st at her home for Miss Rasener with a miscellaneous shower.

Mrs. Nora Jones, chief operator of the Woodruff office, Indianapolis; Emma Grosvenor, clerk, and Sadie Perry, operator, gave a luncheon at Riverside Park, the guest of honor being Gertrude Perry, a former as-

sociate in the Woodruff office. They announced that they had come to celebrate the wedding. They brought a number of very acceptable gifts.

Distribution of an issue of 8,600 directories has been completed at South Bend.

Vidia Carper, toll operator at Auburn, has returned from a vacation spent with relatives in Norwalk, Ohio.

A Fourth of July party for the operators was given by Beulah Nicely at Anderson. The lawn was beautifully decorated with Japanese lanterns. Music and dancing were enjoyed until a late hour. There was also a display of fireworks.

Bena Singer, of Peru, entertained for her sister at a slumber party on Saturday night, June 27th. Those present were Luna Burbank, Gay Runnells, Florence Glibreth and Frona Tibbets. Miss Singer also entertained Sunday evening, June 28th, at a picnic luncheon on the lawn of her summer home on East Second Street in honor of her sis-



PLANT DEPARTMENT PICNIC, MUNCIE, IND.

ter, Rosalia Singer of Elwood, Ind., who was spending the week in Peru. Those present were Luna Burbank, Gay Runnells, Florence Glibreth and Frona Tibbets. Messrs. Dalton Waller, Frank Parkhurst, Ned Phelps, Pratt Loveland, Arthur Moore and Glen Cloud.

Frona Tibbets entertained at Peru on Wednesday, July 1st, in honor of Rosalia Singer of Elwood. Those present were Lucille Shuler, Bena Singer, Rosalia Singer, Florence Glibreth and Gay Runnells. Messrs. Charles Whittenberger, Dalton Waller, Frank Parkhurst, Arthur Moore, James Sullivan and Glen Cloud.

Miss Shughrue, chief operator at Peru, enjoyed her vacation the latter part of May. Florence Davis, of Peru, spent her vacation in Hutchinson, Kan., and Burlington, Iowa.

Ruth Harn, of Peru, spent a week in Indianapolis.

Neil Holland, of Peru, spent her vacation in Chicago and Muncie.

Helen Faunce, of Peru, spent a part of her vacation in Elwood and Tipton.

Miss Harn, Miss Holland and Miss Shanaan, of Peru, and several friends, picnicked on the banks of the Mississinewa River one evening recently.

Catherine Cassel entertained a party of operators and their friends at the Peru city park in honor of Miss Van Laningham, of Vinton, Ill.

Martin O'Brien, Peru plant chief, spent July 4th in South Bend visiting and fishing. He brought home a five-pound bass.

R. R. Simons, chief inspector at Auburn, spent his vacation at Lake Gage, Ind. He remembered those left behind by sending them a hundred nicely dressed blue gills all of the "standard size." Bob is some fisherman.

The Spencerville Telephone Company has installed a new Western Electric switchboard. It's a dandy and the operators are delighted. The service at this exchange has always been good. Now it is close to the 100 per cent. mark of perfection.

Employees of the general office of the United Telephone Company gave a dinner Saturday evening, June 27th, in honor of W. A. Patton, formerly general manager of the company, who left the service July 1st to become general manager of the Marion and Bluffton Traction Company. The affair was given at the home of Marie Anderson, in

associate in the Woodruff office. Miss Perry is now in a Chicago hospital, where she is training to become a nurse. Another guest present was Edna Havland, a supervisor at the Main office. That all had a most enjoyable time may be seen from the picture. Miss Perry is the one sitting upon the post.

Dorothy Davis, clerk at the Main office, Indianapolis, spent her vacation at French Lick.

Mrs. Ruth Marshal, supervisor at the Main office, Indianapolis, has been promoted to the position of chief operator at Belmont.

Ethel Brosnan, supervisor at the Main office, Indianapolis, has returned from a very pleasant vacation spent camping near Seymour, Ind.

Pansy Holder, supervisor at the Main office, Indianapolis, has returned to her home in Lyons, Ind., where she is convalescing after a serious operation.

Adeline Colbert, new-number clerk at the Main office, Indianapolis, is recovering slowly from an accident received some time ago.

Octavia Stephens, pay station supervisor, at Indianapolis, spent her vacation at Fairport, Iowa.

Following is a letter received from an Indianapolis subscriber:

Dear Miss Nelson: I will call at Craig's you will find a package showing my appreciation of your kindness on the night of Sunday, June 28th, when I was trying to get Mr. Miller on long distance and seeking information about the traction cars on the Union Traction line from Anderson.

I have called the attention of Mr. Hill, General Manager of the Telephone Company to your willingness and courtesy. Very truly,

(Signed) ROBT. HALL.

Northern District

Manager Lee delivered 3,300 directories at Anderson for \$26. Can anybody beat this?

Manager W. Dudding of Mishawaka, and his bride, who was Gladys Doolittle, were surprised on the evening of July 12th by the arrival at their new home of an automobile truck loaded with tables and good things to eat. The truck was soon followed by Manager E. T. Bonds and the entire South Bend commercial department, who marched from

Employees of the general office of the United Telephone Company gave a dinner Saturday evening, June 27th, in honor of W. A. Patton, formerly general manager of the company, who left the service July 1st to become general manager of the Marion and Bluffton Traction Company. The affair was given at the home of Marie Anderson, in

Villa North. Mr. Patton was presented with a fine umbrella.

Manager A. B. Porter, of Elwood, and Mrs. Porter, had a very pleasant vacation at Sinnamahoning, Pa.—plenty of name for a small town 120 miles northeast of Pittsburgh.

Manager Halderman, of the Indiana General Service Company at Elwood, is well pleased with the new No. 2 private branch exchange, recently installed.

Employees of the Central Union Telephone Company and Indiana General Service Com-

pany at Elwood had their second monthly picnic July 19th.

A. J. Gitcheil, plant chief at Elwood, spent a week end during June with C. G. Carpenter, plant chief at South Bend.

The Roller Skating Club at Elwood had a picnic June 14th. A delightful day was spent on the river. A spirited game of baseball was played during the morning, after which a fine picnic dinner was enjoyed. Various other games were played in the afternoon and several enjoyed fishing.

A. J. Gitcheil, plant chief at Elwood, held an interesting plant meeting on the evening of June 17th. Various matters of interest to the plant department were discussed and ideas exchanged. Refreshments of ice cream were served.

Laura Whiting, former employe at South Bend, and Harry Buechner, were married June 25th, at the home of the bride's aunt in Evanston, Ill. They will reside in Arkansas.

South Bend commercial, traffic and plant employes attended the Booster Ball Game between South Bend and Adrian, Mich. Score, 8 to 0, South Bend. Three large trucks decorated with C. U. Booster signs carried the employes to and from the ball park. We had the largest and most enthusiastic group in the parade, which preceded the ball game.

Ada Roy, of the South Bend commercial department, spent her vacation in Chicago near Lincoln Park studying the different animals, especially sea lions.

Employees of the commercial department at South Bend spent a very delightful evening on July 3rd, at a picnic supper given at Miss Stowell's rhinoceros farm on Portage

Avenue, where steak and many other good things were roasted over a fire of coals. The picnickers were conveyed to their destination by the official office "Chauffeur," Mildred Roswell, whose reputation as a fast and careless driver is well known.

On Monday evening, June 15th, the telephone "bunch" at Culver met at the home of Manager Dalrymple for a farewell party in honor of Miss Medbourne, who is leaving the service after eleven years. Members of the force presented her with a remembrance. Myrtle Painter was promoted from toll op-

ing, June 7th, in honor of Nettie Tucker of Chicago, who was spending her vacation in Terre Haute. Miss Tucker was formerly chief operator at Terre Haute. The evening was spent in dancing and "fortune telling." A dainty luncheon was served and an enjoyable evening was spent.

A new contract for connection has been made with the North Vernon Telephone Company. Mr. Griffiths, of the Seymour Mutual Telephone Company, is the new president of the North Vernon company.

Ona Barton, chief operator at Spencer, left August 1st for Terre Haute and other points to spend her vacation.

Myrtle Beaman, local relief operator at Spencer, spent her vacation in July visiting friends in the country.

A number of the girl friends of Edna Beckes, toll operator at Vincennes, gathered at her home on the night of June 24th and tendered her a miscellaneous shower, in anticipation of her approaching marriage to Frank Farmer. Dainty refreshments were served and dancing, singing and other amusements were enjoyed throughout the evening. Miss Beckes received many beautiful and useful gifts. Those present were: Elizabeth Jansen, Lovina Farmer, Ida Donnoe, Mae and Gertrude Mueller, Reba Kenley, Emma Dunn, Marie Farrell, Blanche Boze, Eugenia Thomas, Ethel Bowling, Bessie Tinkle, Carrie Daffron, Helen Thiemann, Marie Summers, Clara Hauser, Ella Pfeiffer and Julia Mustin, all "Hello" girls. Gladys Gibbs, of Carlisle, Grace Farrell and Mrs. James Givne were also guests of the evening. The wedding of Miss Beckes and Mr. Farmer took place July 23rd.

The Western Electric Company will furnish the installation of the new twelve-position toll board at Crawfordville this month. The cut-over to the new consolidated exchange is also scheduled for some time in August.

Mayme Jenkan, clerk at Washington, resigned June 15th and was succeeded by Joyce Morris.

Maude Campbell and Clara Zinkan, Washington operators, enjoyed vacations during July.

Roxie Burks, toll operator at Bloomington, resigned June 29th and was married to Edward Weddle. Allean Hodson has been promoted to toll operator. Florence Bracken and Ethel Howell have taken positions as local operators.



FAREWELL PARTY FOR FORMER GENERAL MANAGER PATTON, AT BLUFFTON, IND.

Mr. Patton stands fourth from the left.

erator to clerk and Miss Buswell to chief operator.

Southern District

On July 4th, with the temperature between 95 and 100, the Washington Milk and Ice Cream Company sent the Central Union operators at Washington, with their compli-

ments, five gallons of ice cream. It is needless to mention the nice things the girls said about the ice cream company officials.

Bertha Hall, local operator at Terre Haute, resigned June 1st to be married to Frank Halstead of Los Angeles, Calif.

Josephine Cantonwine, toll operator at Terre Haute, spent her vacation at Greencastle visiting relatives and friends.

Katherine Smith, service observer at Terre Haute, has been off duty on account of a sprained ankle.

Mattie Harms, traffic chief at Terre Haute, entertained informally at her home Tuesday even-

ing, June 7th, in honor of Nettie Tucker of Chicago, who was spending her vacation in Terre Haute. Miss Tucker was formerly chief operator at Terre Haute. The evening was spent in dancing and "fortune telling." A dainty luncheon was served and an enjoyable evening was spent.

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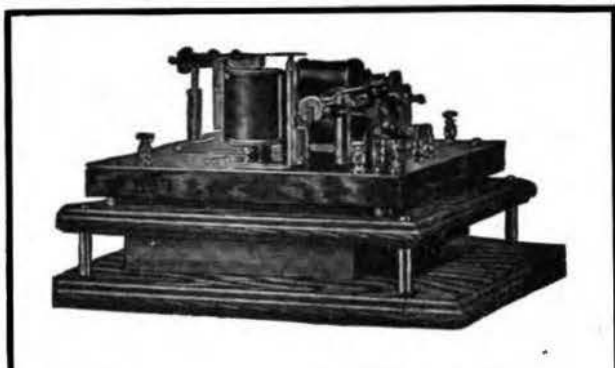
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THE STANDARD POLE CHANGER

17,000 now in use.

No current drawn from dry cells except when ringing subscribers.

You run no risk—every pole changer guaranteed. The standard is one of many designs we manufacture. Tell us number of subscribers you have and we will send you details of the particular pole changer best adapted to your needs.

has been making good for seventeen years. Affords the cheapest power—about 25c for each 100 subscribers. Very simple in construction—practically indestructible—no parts to wear out.

WARNER ELECTRIC CO., MUNCIE, IND.

HUSSEY-BINNS SHOVEL COMPANY
Pittsburgh, Pa.

Manufacturers of all descriptions of

Crucible Cast Steel Shovels, Spades and Scoops

by their

INGOT PROCESS

for heavy and light work.

Guarantee to Please.

Correspondence Invited.

Minnie Groh has been promoted to information operator at Bloomington.

Theresa Bundy, night operator at Bloomington, resigned July 1st and will make her home at Bedford. She was succeeded by Helen Wampler.

Wisconsin Division

T. N. Moore, Correspondent,
Milwaukee

Good Service at Burlington

Burlington is able to deliver service 100 per cent. perfect as shown by the following letter recently received at Milwaukee:

Mr. A. Burt,

183 Fifth St., Milwaukee, Wis.

Dear Mr. Burt: I wish to express to you my appreciation of the excellent service given by the Wisconsin Telephone Company, and especially of the Burlington Telephone Office. I have never found more efficient or more courteous service anywhere in the United States than I have been given today in Burlington, Wisconsin.

I have made over one hundred calls today and not once was I given the wrong number or delayed in any way. I feel that the Burlington office is to be congratulated in having such efficient operators, and such a fine head operator and manager. Sincerely yours,

(Signed) HAROLD T. MOORE

214 South Wabash Ave., Chicago, Ill.

A Fish Story

As A. L. Hart, J. V. Young and J. E. Bonell tell it:

Harry Fowler, district commercial agent at Eau Claire, had an enviable record not only as a fisherman, but for his veracity. His record, however, suffered quite a setback some days ago, after he had reported a wonderful catch at Cornell, Wis., consisting of two muskellonge and one pike. Mr. Fowler, in giving the details made the statement that he had but forty-five minutes in which to make this wonderful catch, that

he made but seven casts, having six strikes in the seven casts and landing an eighteen-pound muskellonge, a fifteen-pound muskellonge and a seven-pound pike. The story of his prowess soon spread over the entire city with the result that the first train for Cornell was filled with expectant fishermen. They were sorely disappointed. After lining the banks, and covering every spot of the river, not one of them got even a strike. One member of the party came upon several boys bathing in the river, and when one of the youngsters had interrogated him as to his success, the boys immediately spoke up and told of a Mr. Fowler of Eau Claire, who had reported making a wonderful catch. The boy, however, stated that he had seen Mr. Fowler when he got the eighteen-pound muskellonge; that he had secured it through the agency of a fish market in Cornell, and that instead of being a muskellonge it was a pickerel for which Mr. Fowler paid \$1.60. At the present writing more thorough investigation is being made by the numerous fishermen as to where Mr. Fowler obtained the other two fish, and we expect in our next writing to be able to state that he found a second fish market in Cornell.

Moral: Never believe a fisherman.

As Harry Fowler tells it:

If anyone wishing instructions in the fine art of catching "muskies" will address A. L. Hart, service inspector, of Milwaukee; District Traffic Chief J. V. Young, or Local Manager J. E. Bonell, of Eau Claire, liberal terms will be offered to classes of not less than ten.

A fine catch of muskies having been brought to Eau Claire by District Commercial Agent H. F. Fowler, the above named gentlemen at once prepared to break all established fishing records. Mr. Fowler having supplied them with blueprints, charts and working maps of the best holes, and issuing a circular letter as to what to do and what kind of bait to use, they left for Cornell with instructions to be careful and not fall into the river.

Arriving at Cornell and not having a compass, it is reported that they got lost, and with considerable difficulty, finally reached the fishing ground. After spending the day, their limited skill was awarded by about 1,000 bites apiece from wood ticks, mos-

quitoes and deer flies. They then determined to return to the station and wire Mr. Fowler their opinion of the fishing in that locality. To make it more impressive, they sent this telegram collect, but when Mr. Fowler learned that the message was from the locality where the experts were sojourning, it was refused and returned for collection.

Having to pawn their fishing tackle to settle with the Western Union, the trio quit fishing and returned to Eau Claire a blistered, sun-burned, but wiser bunch.

Appleton District

The Berlin Telephone Company, a connecting company out of Berlin, is stringing two new circuits west of Berlin which, when completed, will add twenty-six new subscribers to the Berlin exchange.

During a fire that destroyed Cook's Opera House at De Pere, about 2:30 a. m. on June 26th, 100 feet of cable was destroyed, throwing about a hundred telephones out of service. The cable was repaired by Foreman Charles Detbrenner and the telephones were all in working order by noon of the same day.

Mabel Marcoe, who has been employed by the company for the past two years, was married to Albert King on June 10th, at St. Louis' Catholic Church in Fond du Lac, at which place they will reside. Mr. King is employed by the Rueping Leather Company, Fond du Lac.

Georgia Bodoh was married to Guy James Boomer at St. Paul's Cathedral, Fond du Lac, on June 15th. Mrs. Boomer had been a local operator at the Fond du Lac exchange for four years. Mr. and Mrs. Boomer will reside at Grand Rapids, Wis., where Mr. Boomer is employed by the C. and N. W. Railroad.

On June 23rd Luella Brewer was married to Joseph Treleven at St. Joseph's Catholic Church in Fond du Lac. They will reside in Fond du Lac. Miss Brewer had been employed by this company as operator for some time past.

Visiting days were held at the Sturgeon Bay and Marinette exchanges on June 12th and 13th. The attendance at Sturgeon Bay for the two days was 612 and the attendance at the Marinette office for the two days was 988.

ESTABLISHED 1863

Oliver Iron & Steel Company

PITTSBURGH, U. S. A.

MANUFACTURERS OF

TEL. AND TEL. POLE LINE MATERIAL

AND

W.U. STEEL INSULATOR PINS

MACHINE LAG BOLTS CARRIAGE TRACK

Light and Medium
Drop Forgings

Nuts Washers Rivets
Wedges Crow Bars
Picks

Standard Price Lists Sent on Application

Highest Grade of Inside and Outside TELEPHONE WIRE

Made in accordance with the specifications of the Western Electric Company or those of any other customer.

The Electric Cable Company

17 Battery Place, New York

Boston
Philadelphia

Chicago
St. Louis

Cleveland
San Francisco

Works: Bridgeport, Conn.

Sterling

Contractors' Barrow

Built to give and gives the kind of service which contractors have long waited for.

Its easy wheeling and long-lasting qualities give the highest degree of satisfaction.

It will hold over twice the load of ordinary pan-shaped barrows and will outlast two similar style barrows of any other make.

Among its desirable features are:

Channel steel legs—16 gauge steel tray—angle iron and v-brace riveted to channel legs. Clear, bone-dry maple handles. Patented, self-lubricating wheel, etc.

Don't fail to get the Sterling Catalog before buying further barrow equipment.



Sterling Wheelbarrow Co.
West Allis, Milwaukee, Wis.



PICNIC OF GENERAL, COMMERCIAL AND LEGAL DEPARTMENTS, LAKE PARK, MILWAUKEE, JUNE 25th.

Eau Claire District

Hazel Fagon, operator at Merrill, has returned to work after an absence of two months.

Helen Arendsee, chief operator at Wausau, spent a week at Milwaukee during June.

Louise Isleb, toll operator at Wausau, spent her vacation camping in Michigan.

The Bayfield Farmers Telephone Company has added one more circuit to the Bayfield exchange, with five subscribers.

Essie Wood, operator at Bayfield, enjoyed her vacation at Superior, Wis.

Lila Way, toll operator at Cameron, has been granted a leave of absence for several months on account of poor health, and her sister, Winnie Way, is filling the position.

Hazel Grover has resigned her position as local operator at Ladysmith. Frances Kilgore succeeds Miss Grover.

Grace Reed, former Morse operator at

Ladysmith, was married to Jack Reich on June 26th. They will make their home at Ladysmith.

William Spink is the new repairman at Ladysmith.

Irene Jordan, assistant chief operator at Ladysmith, spent a few days at Winter, Wis.

On June 1st the joint 10-A office at Ladysmith was discontinued, the Western Union Company establishing a Class 1 office.

Janesville District

Elmer S. Green, commercial agent at Beloit, has been promoted to manager at Lancaster, succeeding E. Comford, transferred to the plant department.

Frank Baker, formerly commercial agent at Superior, has been transferred to Beloit, taking the position vacated by Mr. Green.

The construction department has started

the work of adding cable at the Janesville exchange, Foreman Ben Hansen in charge.

H. W. Burmeister, treasurer of the La Fayette County Telephone Company, also with the Gratiot State Bank, accompanied the Wisconsin Bankers to Northern Wisconsin during June.

The Platteville, Rewey and Ellenboro Telephone Company has completed plans for adding considerable cable to the Platteville exchange, replacing considerable open wire, which will put this exchange into first-class shape.

The United Telephone Company at Monroe, Wis., has a very interesting map made by F. J. Weirich, president and general manager of the United Telephone Company, operating in Green County. The map is drawn on a large scale showing the streets and is in itself the most accurate map of Monroe. The map is mounted on cork linoleum. Every telephone in the city is shown on the map with a tack properly placed, giving the telephone number. Every house in the city without telephone service is shown by a tack without a number. Every pole in the city is also indicated properly on the map, pins with different colored heads being used to indicate poles of different companies. The fire alarm wires which are up for rearrangement are shown on the map by wires actually strung thereon. Every terminal with the number is also shown by a tack of a different color.

Gladys Hayes, toll operator at Janesville, spent her vacation at Sheboygan, Wis.

Agnes Elliott, toll supervisor at Janesville, enjoyed her vacation at Rockford.

Ruth Van Pool, local operator at Janesville, spent her vacation at Afton.

Mable Helander and Pearl Hoague spent their vacations at Lake Geneva, Wis.

Preparations are being made to install a new No. 4 100-line, special private branch exchange, with forty additional new stations at the Grand Hotel at Janesville, to take place of the No. 101, thirty-line board now in service.

Robert Boyd, commercial agent at Janesville, was married on June 28th to Nan McElvoy, of Beloit. Mr. Boyd is very popular amongst the Janesville employes and all wish him happiness.

A. Olsen, repairman at Janesville, spent a few days visiting friends in Green Bay.

Olaf Meinseth, repairman at Evansville, has been transferred to similar duties at

TELEPHONE WIRE

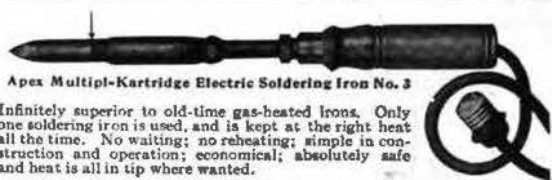
We Guarantee
Greatest Efficiency
Longest Life
Most Satisfactory Service
Lowest Cost of Up-keep
In the Use of our wire.



Write for FREE SAMPLE
Make Test and Comparison

Approved by Leading Institutions of Technology and Telephonic Science. Handled by most representative Jobbers and Supply Houses.

Indiana Steel & Wire Co.
Muncie, Indiana



Apex Multi-Kartridge Electric Soldering Iron No. 3

Infinitely superior to old-time gas-heated irons. Only one soldering iron is used, and is kept at the right heat all the time. No waiting; no reheating; simple in construction and operation; economical; absolutely safe and heat is all in tip where wanted.

Interchangeable Heating Elements enable the user to use the iron at different heats by merely changing the "KARTRIDGE"—a very simple operation. Kartridges supplied for any heat desired.

The Non-Corrosive Sleeve protects the copper tip and assists in maintaining a steady heat at the point. Tips are interchangeable and can be furnished in any style to suit your requirements.

Guarantee: Every iron kept in perfect condition for six months. All defective parts replaced without charge.

Write for Catalog and Free Trial Offer.

Apex Electric Mfg. Company, 1410 W. 59th Street, Chicago, Ill.



The "Dreadnaught" Brazed Steel Gasoline Blow Torch

Made to deliver the Hottest Fire and to withstand the Hardest Knocks and has made good and stood the service test of the Telephone Companies.

No soft Solder to melt or crack. Large Pump, quick starting Burner.

Convenient Filler service.

Let us quote you.

The P. Wall Mfg. Supply Co.
PITTSBURGH, PENNA.

Madison. He is succeeded at Evansville by O. Weaver. Margaret Ward, local operator at Janesville, spent her vacation at Orfordville. Bioneda Meley resigned from the Evansville exchange and has been succeeded by Avis Hurd, late of the Stoughton exchange. Ethel Cushman spent an enjoyable week on her vacation at Albany.

Madison District

Ernest Borchert, equipment foreman, has just completed the installation of an additional section to the switchboard at Stoughton.

Ollie Johnson, stenographer in the Madison district office, spent her vacation at Orfordville, Janesville and other places.

O. E. Ramsdill, operator at Lima Center, has given up his position on account of ill health. The switchboard is now located in the residence of F. W. Woodstock, who will be the new operator.

Olive Dutcher at Whitewater has been promoted from the traffic department to the position of manager's clerk. She is succeeded by Etta Selle in the traffic department.

Alice Kelsh, toll operator at Baraboo, spent her vacation with relatives at Alma Center, Wis.

Kathryn Jacobs, chief clerk at the Baraboo office, spent her vacation with friends and relatives at Milwaukee and Antigo. Her place was filled by Clarice Hughes.

Ida Chapin has been employed as clerk in the manager's office at Waupun to assist in general commercial work.

Helen Smith, assistant toll chief operator at Madison, was married to Paul Richardson July 21st, the ceremony taking place at St. Raphael's church, Madison.

Myrtle Crump, cashier at Madison, and Alma Wise, former bookkeeper at Madison, left July 15th on a lake trip to Niagara Falls and other points of interest. They were away two weeks.

Miss Mary Kalina, bookkeeper at the Madison office, spent her vacation at Muscoda.

Anna McDonald, who has been with the telephone company for the past three years and operator at the New Park Hotel at Madison for the past six months, was married to Joseph Wolff on June 30th, at St. Raphael's Church, Madison. The bride was

gowned in white crepe de chine, trimmed with pearls and embroidered lace. She wore a veil of tulle, crowned by a wreath of smilax and orange blossoms, and carried a shower bouquet of lilies of the valley and roses. After the wedding a breakfast was served at the home of the bride to about fifty guests. Mr. and Mrs. Wolff left for a trip to La Crosse and Milwaukee, and at present are in camp at Lake Waubesa. Miss McDonald was well remembered by the operating force, and many pre-nuptial affairs were given in her honor.

Over one hundred members of the Wisconsin Telephone Company operating force at Madison recently enjoyed an impromptu party when they were presented with a five-gallon freezer of ice cream by the Mansfield-Caughy Company.

Cleveland Division.

W. K. Lawrence, Correspondent.

Day Chief Operators' Outing

An outing and picnic of the day chief operators was held at Euclid Beach Park, June 17th. Other guests present were Amella Kramer and Carrie Bowen of the A. T. & T. Company, Miss Campton of the operators' school, Mrs. Carrie B. Correll, medical supervisor, and Minnie Spencer, social secretary, who planned the affair. It was a beautiful day and was pleasantly spent in taking in the amusements of the park, including a trip to the Ostrich Farm, a new attraction at the park this season. Dancing and softball were also enjoyed by the girls. Before the gala events of the afternoon began, Miss Spencer suggested that a meeting be called that they might talk shop for a little while and exchange ideas. Miss Brady, Broad chief operator, took the minutes of the meeting which contained many valuable suggestions. Miss Kramer, who has been with the A. T. & T. Company for over thirty years, and Miss Campton, chief instructor in the school, related their experiences in the work, which were very helpful and interesting to the younger chief operators. The meeting then adjourned and an appetizing lunch, prepared and served by Miss Spencer and Mrs. Correll brought the very enjoyable outing to a close.

Mr. Smith Entertains

On Thursday evening, June 25th, Attorney S. H. Tolles, Valuation Expert W. J. Hag-enah and sixty-five department heads of the Cleveland Telephone Company, thoroughly enjoyed a dinner and entertainment given by General Manager Allard Smith, in the dining room of the Main office. The music during the dinner was furnished by local telephone talent, as well as the splendid entertainment that followed.

The assembled guests were addressed by Mr. Smith in a very forceful and helpful talk. Mr. Smith's purpose in giving this dinner was to have the employees become better acquainted with one another and to discuss every angle of the telephone business in Cleveland.

The entertainment produced by local telephone talent was a pronounced success and can be classed as one of the best in amateur vaudeville circles.

Such dinners as this are very helpful not only in a business but also in a social way. Everyone present wishes to extend to Mr. Smith hearty thanks for the affair which was enjoyed immensely by all. It is hoped that they will be frequent occurrences as Mr. Smith has planned.

Personals

Maggie Bailey, night operator at Broad office, called June 1st for England to visit her parents. She expects to return in September.

The marriage of Florence Shovlin, operator at Broad office, to William Stadler was solemnized at Holy Name church, June 24th. June 29th a number of Broad operators surprised Mr. and Mrs. Stadler with a party at their home, and presented them with a very beautiful gift.

Mrs. Phillip Smith, former supervisor at Broad office, entertained the day girls with a supper at her home June 12th. The evening was pleasantly spent with music and dancing.

Banner Contests

The Cleveland traffic department recently inaugurated a plan of presenting a banner each month to the office that secured the highest traffic rating for that month. South office had the banner on display in the operating room for three consecutive



ONE HUNDRED AND THIRTY - SIX

International Motor Co. Trucks of various sizes in the service of the Associated Bell Telephone Companies.

A total of a steady stream of orders for Supply Wagons, Post Hole Diggers and Powerful Winch Trucks for aerial construction and underground cable placing.

MACK



SAURER

INTERNATIONAL MOTOR COMPANY

West End Ave. and 64th Street NEW YORK



For Fastening to Hollow Walls

No better means of securely attaching telephone sets, meters, switches, etc., to marble, plaster or other hollow walls has ever been devised than by means of

SEBCO TOGGLE BOLTS

They require the smallest holes for insertion, are easy to use, quickly adjusted and assure safety and permanency. The toggle automatically adjusts itself. All dealers handle them. Send for sample.

STAR EXPANSION BOLT CO.

147-149 Cedar Street

NEW YORK

SMALLEST HOLE REQUIRED

THIS STAR WASHER WILL KEEP TOGGLE SECURELY IN PLACE UNTIL READY TO FASTEN MATERIAL

months; but in June West office took the prize. The offices in District No. 2, namely East, Eddy and Garfield, are each striving to become the "Banner Office" and to work up enthusiasm they have adopted many novel methods. Office yells have been originated, appropriate songs have been composed and one of the offices recently issued a list of "Operating Don'ts," which if lived up to by each employe will surely cause the office to forge ahead. Each one of these "Don'ts" is right to the point and worthy of attention on the part of any operating force that is striving for efficiency. The list of "Operating Don'ts" follows

- Don't Be Tardy.
- Don't Be Absent.
- Don't Be Discourteous.
- Don't Neglect Your Teamwork.
- Don't Fail to Report Promptly.
- Don't Ignore Multiple Markings.
- Don't Fail to Repeat Distinctly.
- Don't Use Unauthorized Phrases.
- Don't Interrupt on Call-Circuits.
- Don't Fail to Answer Re-calls Promptly.
- Don't Fail to Take Correct Assignments.
- Don't Fail to Test All Lines and Trunks.
- Don't Fail to Supervise All Connections.
- Don't Disconnect By Pulling on the Cords.
- Don't Fail to Report All Emergency Calls.
- Don't Fail to Report All "No Lines" Received.
- Don't Permit Your Hands to Cover Supervisory Signals.
- Don't Fail to Consult the Bulletin Board Frequently.
- Don't Be An Average Operator, Be One of the Best.
- Don't Forget the Banner.

Ohio Division

B. T. Calaway, Correspondent,
Columbus

Chillicothe District

Genevieve Steiner, cashier at Lancaster, and Lesta Marlow, clerk in the plant accounting department at Columbus, left about the middle of July for a vacation trip to Cleveland, Buffalo, Niagara Falls and other eastern points.

Harley Kuhn, the popular lineman and repairman at Logan, and Alice Mack, of Lancaster, were quietly married at the home of the bride on East Fifth avenue, June 24th, at 4:30. In the presence of the immediate families only. The four nieces and nephews of the bride and groom were attendants. Mr. Kuhn and his bride left for a short honeymoon trip, after which they will be at home to their friends on North Walnut street, Logan.

Minnie Eberst, chief operator at Logan, spent her vacation in Pittsburgh, Pa., visiting relatives and friends.

Mable Sperky, former information operator at Lancaster, was married June 10th to Frank Hill, of Lancaster. Mr. and Mrs. Hill enjoyed a wedding trip to Buffalo and New York City.

Ruby Baxter, local operator at Lancaster, has succeeded Mable Sperky, information operator.

Tillie Kinder, toll operator at Lancaster, has succeeded Bess Wygum as supervisor.

Katie Tague, local operator, has succeeded Tillie Kinder, as toll operator, and Ferné Childs has taken a position as local operator.

Frank Gray, a clerk in the Lancaster post-office, and Bess Wygum, a supervisor in the

Central Union exchange at Lancaster, were married June 28th. The Lancaster traffic department presented Mr. and Mrs. Gray with a beautiful silver casserole.

Columbus District

The following private branch exchange contracts were secured during June:

The New Columbus Buggy Co., No. 1, 1 switchboard, 2 trunks and 6 stations.

The Tesseyman Auto Co., No. 2, 1 initial station, 1 trunk and 4 stations.

National Bank of Commerce, No. 1, 1 switchboard, 1 trunk and 7 stations.

McAllister-Monier Co., No. 2, 1 initial station, 1 trunk and 4 stations.

Hotel Jefferson, No. 1, 1 switchboard, 3 trunks and 62 stations.

Ford Motor Co., additional stations, 9.

The gain in stations for June equals 43, making a total of 22,504 for July 1, 1914.

The Columbus Home Products Exposition was held in Columbus the week of June 8th, with booths arranged around the Capitol Square containing the product of all local manufacturers. One of the most attractive booths was that of The Central Union Telephone Company.

Nora Murnane, supervisor at Hilltop office, resigned July 8th to be married on July 15th to Augustus Page. Miss Murnane was presented with a beautiful cut-glass bowl with best wishes from the operating force.

The operators of the Hilltop office gave a lawn fete on their grounds on Wednesday evening, June 10th. About 500 people attended.

Toledo District

Garnet Keifer, supervisor at Findlay, resigned on June 26th, and left for New Mexico for an indefinite period.

Dora Mann, operator at Findlay, resigned and was married on June 16th to Edward Smith.

Michigan Division

David H. Dodge, Correspondent,
Detroit

P. B. X. Development in Detroit

Among the new and additional private branch exchange equipment installed or ordered in Detroit during the month of June were the following:

| | Terminals | Trunks | inals. |
|---|-----------|--------|--------|
| Crane Company (builders' hardware supplies), additional | 10 | | |
| Detroit Athletic Club, new | 12 | 134 | |
| The Pelton & Crane Company (electrical specialties), new | 1 | 6 | |
| Central Garage, new | 1 | 6 | |
| Adams Express Company, additional | 1 | 3 | |
| General Realty Company, new | 2 | 6 | |
| Edison Illuminating Company, additional | 5 | 19 | |
| Edison Illuminating Company, new | 2 | 6 | |
| J. W. Murray Manufacturing Company (auto parts), new | 2 | 6 | |
| Board of Education, new | 4 | 19 | |
| Rothwell-Chapman Company (real estate and insurance), new | 2 | 6 | |
| Kerr Machinery Company, new | 3 | 6 | |
| Dr. J. W. Vaughan, new | 4 | 13 | |
| Detroit Rubber Company, new | 2 | 6 | |
| C. A. Dunham Company (vacuum heaters), new | 2 | 6 | |

Of the total of twelve new private branch exchange contracts obtained during June six were secured by Floyd H. Lockwood, four by P. M. Riegel, one by Dare S. Burke and one by the central office. The contracts and additional supplied a total of 303 stations for Detroit during June.

Death of Manager at Dexter

While in the performance of his duty as manager at Dexter, George T. Kraiger came into contact with a live wire at 2 o'clock in the afternoon of July 8, 1914, and received an electrical shock which caused him to fall



GEORGE T. KRAIGER.

from a pole, resulting in his death, which came within ten minutes of his fall.

George T. Kraiger was born at Fruitport, Mich., October 8, 1890, and would have been twenty-four years of age on his next birthday. He was married June 18th of this year to Bernice Kurts Cook of Ann Arbor. He leaves also a mother, Mrs. Lillie Kraiger, at Pontiac.

Mr. Kraiger had been with the telephone company only eleven months, and was made working manager of the Dexter exchange a few weeks previous to his death. He was a young man of excellent habits and took the most energetic interest in his work.

Death of Anna Bellant

Anna Bellant, Main B operator at Detroit, died at her home Sunday, July 5th. Miss Bellant had been with the company a number of years and had made many friends, who extend their deepest sympathy to her mother and sisters.

Detroit District

General Manager A. von Schlegell spent his vacation on the Massachusetts coast.

District Manager C. S. Slack represented the Michigan State Telephone Company on the Detroit Board of Commerce cruise to Duluth, June 17th to 22d.

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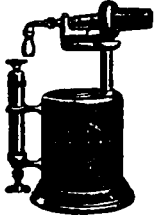
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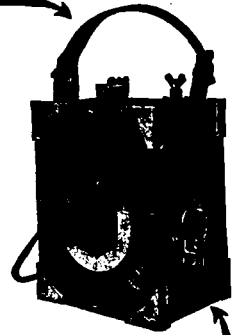
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Effie Brown, a stenographer in the commercial superintendent's office, won the girls' 100-yard dash event at the Jesuit excursion, June 23rd. The prize was an old amethyst rosary. Raymond Storm, office boy in the same department, won the similar event for boys. He received a watch fob.

The First Main A division won the contest for June, and celebrated with dinner at Couch's and a visit to the Temple theater. Edith Polhamus, supervisor, and Daisy Miller, assistant chief operator, accompanied the girls.

The Fifth Cherry A division were the winners for June. Mary Wilson, supervisor, and the girls went to the theater.

The First Main B division won the contest. Ella Burmeister, supervisor, and the girls expect to have a dinner and attend the theater.

The Seventh A day division, Mina Tebo, supervisor, and the First B evening, Lillian Otto, supervisor of the North office, were the winners for June. They are making plans for an outing.

The Third A day division, Walnut office, were the winners for June; Miss Brown is supervisor.

The Fourth Ridge A division was the winner. Miss T. Sebastian, supervisor, will go with the girls on a boat trip.

Marie Burch has been promoted to record clerk at the Ridge office.

Cupid more than played his part well in the Grand office during June. Day B Supervisor Florence Cudney took her vacation only to return with her resignation, for she had become Mrs. Edmund Wiseman, June 8d. Senior Operator Henrietta Gilbert on the eve of her vacation, June 20th, decided instead to become Mrs. Eber Adam and make her home in Osgood, Ind.

Assistant Chief Operator Pearl Burns resigned and was married June 22d to Fred Ehrensberger, switchboard man at the Grand office. The operators presented them with a chest of flat silver, while the boys in the plant department gave them a beautiful cut-glass berry dish.

Ruth O'Malley, A operator, was married June 16th to Thomas Barber, trouble clerk at Grand office. The boys of the plant department presented them with a pretty silver tea set.

Kathleen Bossner, Ridge office, who has

been with the company for four years, resigned to be married in the near future.

Gertrude Glebel, North office, and Leroy Jackson, Walnut subway, were married in June. Their many friends in the service extend their best wishes to the young couple.

Viola Wilson, Ponchartraln Hotel operator, and Earl H. Bale were married at the home of the bride June 11th, at 2:30. A number of showers were given for Miss Wilson, who had been with the company for a number of years.

Lillian Ashton, Main B operator for the past two years, resigned to be married July 29th to Richard Kukhahn. The girls showered her with a number of pretty and useful presents.

Rose Relha, Main office, resigned to be married to Harvey LaDuc. Miss Relha has been with the company for the past two years and her many friends wish her happiness.

Mabel Albach, Main, resigned to be married in the near future and has the best wishes of a large number of friends.

Lulu Crooker, Cherry office, and George Scott, switch-board man, Cherry office, were quietly married in June.

A very pretty June wedding was that of Gertrude Scharfenberg, Cherry office, and Robert Salimoni, June 24th at the Annunciation church.

Effie McAllister, Hemlock office, resigned to be married.

Ruth Ely, Hemlock office, resigned to be married June 17th to Ralph Richey. A number of the girls attended the reception at her home in the evening, after which the young couple left for an eastern trip.

Mabel Elliott, record clerk, Ridge office, and William Snell were married at the home of the bride July 29th. Miss Elliott has been with the company about five and a half years and will be missed by her many friends in the service. After a six weeks' trip Mr. and Mrs. Snell will be at home to their friends in Detroit.

Anna Egan, long-distance operator, was quietly married to Harold M. Brown, Monday, June 22d, at 3 p. m. Miss Egan had been with the company for the past nineteen years, during which time she has made many friends who join in wishing her much happiness.

Anna Breuhan, Ridge office, and Arthur

Lewis, Main subway, were married in July. Miss Breuhan has been with the company for nearly four years and has made many friends. The girls gave a shower for her at her home, where she received several pretty and useful things.

Alice Dixon, Walnut office, resigned July 15th, to be married very soon to Fred Franz.

Tuesday, June 16th, opened the series of excursions that are to be given during the summer for the operators. The first excursion was to Tashmoo and about 102 girls enjoyed the trip. The day was perfect, and after the pleasant boat ride they arrived in Tashmoo about 11:45 a. m., and were ready for lunch which they ate at tables in the pretty park. At 2 p. m. a ball game was called between the Cadillac and Grand offices, which proved to be very exciting, the score being thirteen to eleven in favor of Cadillac. A very nice program of races had been planned, including some of the following novelty races: Egg race, peanut race, fifty-yard dash, bean race, shoe race, and potato race. Very nice prizes were awarded the winners in the races. After the races a volley-ball game was called between the Hickory and Hemlock offices, the Hickory were the winners, the score being 29 to 21. The girls also enjoyed dancing at the pavilion. They returned to Detroit at 8:45 p. m.

The second excursion was to Bob-lo on June 18th, which was as enjoyable as the first. After having lunch, a game of volley ball was called between mixed teams, the Ridge and Hickory against the Main and Cherry; the score was 20 to 18 in favor of Ridge and Hickory. About 154 attended this excursion and the regular program of races was run, but on account of a little shower the girls were unable to play the ball game. June 22d about 165 girls went to Put-in-Bay, which is a very pretty boat trip, and an interesting place. The races were held at 2 p. m. and after that the girls enjoyed dancing. A number of the girls while there went to Perry's cave.

Toledo was visited June 29th. The boat orchestra furnished music on the boat as far as Sugar Island; then the girls enjoyed a musical program that had been arranged by some of them, including also a number of recitations by Morrison, North office. At Toledo some of the girls visited the Main



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office. About 117 of the girls enjoyed this trip.

July 8th the girls went to Bob-lo and had a fine time. They enjoyed dancing and the regular program of races. A ball game was played between the East and Walnut offices. Details of this game will be found in the Sports and Recreations section.

C. F. Hibbard, Jr., who on July 1st resigned as manager of the Ann Arbor exchange, has gone into business with Armstrong and Graham, wholesale saddlery, in Detroit.

The commercial superintendent's office has lost Norbert Grunow, who recently resigned to go to the Cadillac Motor Company. If Norbert is as good a boy at the Cadillac as he was in the telephone office, he will make his mark.

Stella McGraw, chief directory clerk, and Gladys Fancher, stenographer in the commercial department, both happened, just about the same time, to decide to get nice cool dresses for the summer, and by a singular additional coincidence both selected, although shopping at different stores, the same material—a white compa-compa (whatever the name is) with black stripes running up and down. The offices in which these ladies are engaged during the day are on the same floor and adjoining, and when, one morning, both appeared in the same kind of a charming black and white creation, there was a momentary gasp from each; also from the audience. When they recovered and realized that each had thus unconsciously endorsed the good taste of the other, there were cordial congratulations all around.

Miss E. Chambers, Miss H. Cordle and Miss Fabert of Hickory office had a splendid time on their trip to Duluth.

Donald Monroe has been appointed collection attorney at Detroit, succeeding Robert J. Hall. A. T. Babbit succeeds Donald Monroe as correspondence clerk.

Eastern District

Oxford had a bad fire June 15th, which destroyed a lumber yard and coal sheds, and, because of the burning brands being blown about, twenty-two buildings were on fire at one time. Plant Superintendent C. G. Sharpe and Manager H. A. Backus of Leeper happened to be at Oxford on that day and did some first-class amateur firemen's work. They saved one dwelling by erecting a ladder and using fire extinguishers on the burning roof. The only loss suffered by the telephone company was one telephone and a line drop.

A miscellaneous shower was given in the commercial department of the Ypsilanti exchange Wednesday evening, July 1st, for Julia Rust, who has resigned her position as local operator to become Mrs. Ray Burrell. Miss Rust was the recipient of many beautiful as well as useful gifts. The men from the plant department presented her with a very fine hammock, which Julia informed us "was made for two." The room was prettily decorated with red rambler roses. Candles furnished the illumination. Light refreshments were served. Miss Rust leaves with the best wishes of all.

Plant Supervisor R. V. Hurlburt was at Ypsilanti May 22d and gave the force some instructions on plant work which proved of benefit.

Out messages from Ypsilanti in May showed a gain of 360. The revived business amounted to \$9.40, which is good, as most of the toll calls are short-haul.

Our "landlord" at Ypsilanti, the First National Bank, has just finished calclmining our office; also operating room, terminal room and operators' rest room. The effect

is so cool-looking on these hot days that 18.67 per cent. less ice water has been consumed this month than previously. (Figures certified by the company statistician).

At Manchester a warrant is out for "Billie" Holmes, the charge being "taking without permission our operator." Adena Lehman, and "Billie" took an automobile ride to Ann Arbor June 24th, took out the necessary documents and promised the Rev. Leeson to love, honor, obey, etc. They returned and Mrs. Adena Holmes reported for duty as usual the following day. The vigilant Ann Arbor News, however, gave the story away and the bride confessed. She has agreed to remain in the office until fall and will thereby round out a service of nine years.

In spite of quiet business conditions the number of telephone subscribers in Monroe continues to increase, and prospects for new business are as good as ever.

Grand Rapids District

Effective June 11th J. H. Scott has been appointed manager at Vicksburg, succeeding W. H. Badour.

V. Handy has succeeded R. T. Morris as manager of Mears toll station.

Mrs. Mary Chevier has succeeded E. T. Carbine as manager of Brunswick toll station.

About forty-five supervisors and operators of the Main and South offices enjoyed their second annual picnic Thursday, June 18th, at Reeds Lake. The guests of honor were C. E. Wilde, district manager; C. W. Johnson, Fred Saunders and Mr. and Mrs. Samuel Morris. The committee in charge were Bernice Hunt, chairman; Clara Hancock, Charlotte Cowans, Gladys Hoadley, Vera Weddelich and Verna Blaine. The guests wish to extend their appreciation to the committee for its efforts in making the evening such a success. Various amusement features were taken in during the evening.

Ellen Reagan, evening chief operator, South exchange, spent a two weeks' vacation with her sister at Greenville, Mich.

Louise Ochsenbels, operator, Main exchange, has returned after a week's visit with friends at Charlotte, Mich.

Gertrude Loll, operator, Main exchange, spent a week with her parents at Big Rapids.

Irene Fitzgerald, supervisor, Main exchange, has returned from a house party given at Spring Lake.

On June 1st Josephine Fogarty, senior toll supervisor, who has been with the company for twelve years, resigned to prepare for home duties with one John Bolen. Here's wishing "Joe" all happiness in her future life.

Josephine Timmers was promoted to the position of toll supervisor at Grand Rapids June 1st.

On Saturday, June 13th, about eighteen operators of the Grand Rapids toll department enjoyed a picnic supper at Ramona Park. The chief operator, Miss Neil, acted as chaperon, assisted by G. W. Johnson, traffic chief. Every one confessed a very fine time. The following Saturday those of the relief force who did not attend the previous doings went out for a picnic dinner, spending the afternoon and enjoying the usual amusements. As this was a daylight party several good pictures were taken, and these girls claim they had a better time than the others.

Jackson District

The Brooklyn Switchboard Association, a connecting company, which suffered from the big fire of May 26th, has not yet re-established its service. The toll station

which the Michigan state company installed early on the morning of May 26th and of which a story appeared in the July BELL TELEPHONE NEWS, has therefore been much appreciated by the people of Brooklyn. P. W. Hart has been appointed toll agent.

June 5th our long-distance line at Concord was cut into the switchboard of the Citizens' Telephone Company of Concord, thus giving us a connection at that point with 300 new subscribers formerly "independent." This connection was made on account of a request from the business people of Concord.

A severe thunder storm visited Hilldale early in June, the wind and lightning doing great damage to property. The storm did not do as much damage to the telephone wires as might have been expected, but it was some days before the plant was in normal condition. A large tree falling across the Jackson and Adrian leads just east of Hilldale put these lines out, but they were working again in a few hours.

Manager Johnson, knowing that operators' vacations were cutting somewhat into his schedule, recently called up several of the farmers in regard to the service. They all expressed themselves as being entirely satisfied.

Mr. Bryant, former wire chief at Calumet, has been installed as wire chief at Albion.

On July 2d the summer resort toll station was reopened at Clark's Lake, Eagle Point, Jackson county, on circuit 1101. Jackson will center check. The manager is J. Dodge.

Hazel Cheney resigned her position as toll operator at Jackson to be married to John Starbuck June 25th. They will reside in Chelsea.

Mabel Waite of the Jackson office was married June 14th to Mr. Roberts, resigning her position at that time.

Hazel Hewitt resigned her position as local operator at the Jackson office to be married the latter part of June.

Alburt Hasbrouck enjoyed a month's vacation with her sister in New York City. Miss Hasbrouck has been a local operator in the Jackson office for the past eight years.

Lila Miller, evening chief operator, enjoyed two weeks' vacation visiting Detroit and eastern points.

Mae Hallock, local supervisor, spent a pleasant vacation visiting friends in Battle Creek, Charlotte and Eaton Rapids.

Letta and Deude Duff, local operators at Jackson, spent a week's vacation in Detroit.

Gladys Strang, local operator at Jackson, returned from a week's vacation spent at White Cloud, Mich.

Edith Roberts, multiple marking operator at Jackson, was in Bay City for a vacation the first week of June.

Lena Garred, toll operator at Jackson, spent a week visiting in Kalamazoo.

Clara Walts, Jackson night chief operator, visited her parents near Munith during the week of her vacation.

Lillian Swidensky has been transferred from recorder to traffic clerk, succeeding Estella Freer, who recently resigned.

Margaret Badgley has taken the position of local night operator at Jackson, succeeding Mae Weathers, resigned.

Anita Sheldon has been promoted to relief toll supervisor in the Jackson office, succeeding Nora Gilbert, resigned.

A party composed of Jackson traffic and commercial department girls have enjoyed picnics at Hague Park on Thursday evenings during June and July.

William Dunham, switchboard man at Jackson, spent a week's vacation at Rochester, N. Y.

J. Green, foreman, is at work at Jackson with a crew putting in construction on Francis street, on account of the city's paving this street to the city limits. This will relieve conditions in this vicinity considerably.

H. Maloney, foreman, arrived in Jackson recently with a crew to work on the Onsted toll line construction.

On June 25th the Jackson Chamber of Commerce had an outing at Round Lake. About 275 business men enjoyed the trip. District Manager Leet participated in several of the athletic events, but as there were not enough prizes to go around the district manager did not carry off a trophy. Manager Stevens did not participate in the athletic events, but caused the arrest of one of the members on the charge of catching an undersized bass. A mock trial was immediately demanded, and was carried on to the great delight of the onlookers.

Effective June 3d the toll station at Springport was discontinued and the station was taken over by the Springport Telephone Exchange Company, which became a connecting company on that date.

The toll station at Concord has been taken over by the Citizens Telephone Company of Concord, which became a connecting company June 5th.

Kalamazoo District

Sturgis had a bad fire on June 9th which cost \$30,000. The telephone office, located less than a half block from the fire, was not damaged to the extent of impairing anybody's service.

The first nineteen days of June showed an increase of the toll business at Kalamazoo over the first nineteen days of May of 950 out messages.

Elsie Swintz, formerly of South Bend, Ind., is now service inspector at Kalamazoo. She is visiting those operating forces at the various exchanges which need special attention at this time. She is also visiting the exchanges of the connecting companies. There is no doubt that the service will soon derive much benefit from her work.

The resort season at Benton Harbor and St. Joseph has opened, and a large number of resorters have come for the summer. The season also at Paw Paw Lake on the Watervliet and Coloma exchanges, and at Indian Lake on the Eau Claire exchange, has started well. The fruit season in this neighborhood is on, and a large quantity of berries was shipped during the first two weeks of June. It is estimated that the returns for the fruit crop will be over \$5,000,000.

An operators' meeting was held Tuesday evening, June 16th, at Benton Harbor, at which nearly forty operators from Benton Harbor, St. Joseph, Coloma and Watervliet exchanges were present. The question boxes which have been maintained in the Benton Harbor and St. Joseph rest rooms were opened and each question, of which there were nearly 100, was discussed by traffic employees of all kinds.

M. Bradish, manager at Eau Claire, retired May 27th and is succeeded by W. A. Badour of St. Joseph. F. C. Gest, manager at Plainwell, retired June 10th and is succeeded by J. Fredericks of Niles. R. Conway, manager at Vicksburg, retired June 10th and is succeeded by J. H. Scott of Battle Creek. These new managers have made fine starts and are doing good work—the kind of good work that is noticed by the public.

W. H. Badour, who was acting manager at Vicksburg, returned to Kalamazoo June 18th.

L. D. Bullard, plant chief at Kalamazoo,

has retired on account of ill health and is succeeded by W. D. Hicken of Central Lake.

The Kalamazoo exchange is undergoing several changes. The old manager's office has been taken from the center of the business office and placed on the south side of the room, and is occupied by Commercial Manager Robb.

E. G. Pike, division superintendent of the Southwestern Telephone Company at Houston, Texas, made Kalamazoo a visit July 6th after an absence of twenty-one years. Mr. Pike was very much astonished to see so many changes in and around the city. Mr. Pike was manager of the Kalamazoo exchange in the early nineties.

The Kalamazoo exchange building is being decorated and refinished in the public office and commercial rooms; also in the local and toll operating rooms.

On June 26th a party of sixteen young ladies and gentlemen, employees of the Kalamazoo exchange, organized a swimming party, after which all were to partake of a lunch on the beach. Two of the youngest men were appointed to purchase the necessary eatables. The first articles purchased were dill pickles and mustard. The balance was principally wieners. The swimming was executed at White's Lake, a large body of water lying at the foot of the mountains and located about four miles west by south from the main drag and two miles from the end of the car line. The scenery is very beautiful here; it follows a path through hills and dales and frogs. Cornucopias are on one side, forest on the other, and mosquitoes are all around. After enjoying the swim everybody proceeded to the campfire where the table was being decorated by the ladies, and the men folks started to roast the "dogs." The party returned at 8:30 p. m. It was chaperoned by Messrs. Platt and Robb, both strict disciplinarians. Ella and Florence Clark have resigned their positions in the Kalamazoo exchange, to move to Chicago.

Florence Glover, local operator at Kalamazoo, has been promoted to the position of record clerk.

Elsie Swintz, service inspector at Kalamazoo, visited in South Bend recently.

Franque Rowe, chief clerk in the Kalamazoo exchange, spent her vacation at her home in Watervliet. Her place was filled by Hazel Atkinson.

Hazel Jackson, local supervisor at Kalamazoo, spent her vacation in Chicago.

Florence W. Wake, local operator at Kalamazoo, is ill with an attack of appendicitis.

Thursday evening, June 17th, a surprise party was given for Gladys Hawley who was quietly married to Ell Blackford while on her vacation. The bride was presented with a beautiful piece of silver. Dainty refreshments were served and all enjoyed a very pleasant evening.

On Saturday, June 20th, the Kalamazoo local operators gave a dinner for Vernice Emmons, who was formerly employed by our company, and was visiting in the city for a few days. Miss Emmons brought with her a luscious basket of strawberries and other good things from her home in the country.

The marriage of Florence Younglove, until recently a toll operator in the Kalamazoo exchange, to D. D. Ralph was celebrated Wednesday afternoon, April 21st, at the home of the bride's sister, Laura Younglove, on South Rose street. After the wedding a luncheon was served at the Blue Bird. Mr. and Mrs. Ralph left at once for an eastern trip, after which they will return to Ann Arbor to reside. In the meantime, June 4th, Mrs. Ralph being in Kala-

mazoo, the day toll operators gave a three-course luncheon in the dining room of the exchange in her honor. The tables were very appropriately decorated for the occasion, beautiful yellow roses being used for the centerpiece.

A picnic supper was given by the day toll operators at Oakwood Park June 25th in honor of Miss Smith of Plainwell. The evening was spent in dancing and other amusements.

Georgia Ruppel resigned her position as day operator June 11th at the Eau Claire exchange, to accept a position as night operator at Watervliet.

Ethel L. Young has accepted the position of day operator at Eau Claire to fill the position left vacant by Georgia Ruppel. Fred Maier and his crew have nearly finished the new toll circuit between Dowagiac and Eau Claire. The old line from Indian Lake to Eau Claire has been entirely rebuilt, and the new line is a great benefit to Eau Claire subscribers.

Sparks from the kitchen chimney set the shingles afire at the beautiful residence of James Byrnes in Eau Claire shortly after one o'clock on June 30th. As soon as the fire was discovered, Foreman Fred Maier and Clerk Howard Thompson of the Eau Claire exchange, who happened to be in the neighborhood, secured a ladder and formed themselves into a volunteer bucket brigade, and succeeded in putting out the blaze before the village fire department arrived on the scene. It is another example of the willingness of our employees to give a helping hand wherever needed.

Lansing District

Toll business for May showed a substantial gain in Owosso.

New phantoms have been cut in between Ionia and Owosso, giving the St. Johns office of the Clinton County Telephone Company much better toll facilities.

Several pole moving jobs in the Lansing district have been postponed until it was certain that the work would be necessary. A policy of "watchful waiting" until the road builders were far enough to enable us to see whether or not our poles interfered has saved the company nearly fifty per cent. in the work asked for.

Irene Brock, night operator at Fenton, enjoyed a two-weeks vacation with friends in Saginaw during the latter part of June. Her position was filled by Margaret O'Brien, relief operator.

Grace Bunting, day operator at Byron, enjoyed a vacation which she spent camping with friends at Melen Lake. Maude Burkhardt filled her position during her absence.

Emma Davis, assistant chief operator at Owosso, spent a vacation in the southern part of the state.

Olga Meler, chief operator at Owosso, enjoyed a two-weeks vacation.

Gladys Cope accepted the position as vacation operator at Owosso.

The work of installing a new test panel at Owosso will soon be commenced. This is a much needed piece of apparatus and will be a great aid in testing toll circuits.

On June 27th, a terrific cyclone passed across the country about two miles north of Eaton Rapids, sweeping everything in its path, including the Michigan State Telephone Company's lines on six different roads leading out of Eaton Rapids. The damage to property and stock is estimated at \$150,000. Poles and wires were broken and swept away, stopping all telephone and telegraph connections north. The accompany-

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NORTH VERNON, INDIANA

ing picture shows Manager Norton and Re-pairman Wakefield of the Eaton Rapids exchange and Foreman Markham and Line-man Holiday of the Lansing exchange on one of the new poles erected to replace those blown away. An idea of the terrible force of the wind can be gained by looking at the uprooted trees in the picture, an entire apple orchard being torn out at this point.

Ben Voigt, line foreman at Lansing, has resigned. W. Markham was promoted to the position.

Material for the estimate to rebuild the outside plant at Lansing is arriving and

cussed at this meeting. District Manager K. S. Baker reports that it was one of the best chief operators' conferences he ever attended.

June 3rd one of the trunk lines between Ironwood and Bessemer was turned over to the Newport Mining Company for a private branch exchange trunk from its office at Ironwood to its office at Bessemer.

At Marquette the operators were obliged to give up their retiring room, for the time being, to the accounting department. The operators are going to have rooms on the first floor of the building, which are being decorated with new curtains and lights.

The transposition of the two physical circuits between Crystal Falls and Iron Mountain will provide additional phantom between those two places as soon as the central-office equipment necessary at both places is installed.

Operators' vacations have begun at Menominee, but capable substitutes are being employed, and no complaints have been made by subscribers.

Two new roadway companies have been connected to the Stephenson exchange, with a total of thirty-eight new subscribers, making a total of 202 roadway subscribers on this exchange, which has eighty-three exchange subscribers of its own. The new companies are Riverside Roadway Company and Oakwood Roadway Company, the latter building two lines of line with six-ply cross-arms.

The township officials are rebuilding the road between Gladstone and Rapid River, moving the road bed in many places and necessitating the removal of 144 toll poles.

Petoskey District

The summer resort business throughout the Petoskey district has every indication of being fully as good as it was last year. Practically all the available houses, cottages, hotels, etc., are already engaged.

Between May 27th and June 24th Foreman Morseman's crew has moved 126 poles on an average of nineteen feet per pole and cut down over 1,000 trees from Glen Arbor to Burdickville. The virgin timber was cut away in this vicinity over fifty years ago, and as the land has no great agricultural value the second growth has come up undisturbed, even to the wagon track. The above lead for this reason has been located very close to the wagon track. The north business is now being developed in this locality and better highways made. The telephone crew completed work in this vicinity during the first week of July. It was then planned to send the crew into Wexford county to dismantle the toll lead between Mesick and Sherman. This work with the use of the pole moving machine (described and illustrated on page 9 of the June BELL TELEPHONE NEWS) can be done very quickly.

A committee for city improvement at Boyne City recently asked permission of the telephone manager to decorate the telephone poles with vines, etc. The manager was obliged, of course, to withhold this permission, explaining why it would not be advisable because of the added danger of climbing the pole, possible short circuits, and other objectionable features. The committee then asked what could be done to improve the appearance of the poles. The manager suggested that an effort be made to take off all signs and notices tacked onto these poles and to prevent others going on.

Business at Cadillac and surrounding territory is good, and so are telephone collections.

Everybody at Charlevoix is busy with the summer resort business. Our manager, O. A. Solomon, and the one man with him have been busy night and day putting in telephones, and expect to have more telephones this year than ever before at Charlevoix. Mr. Solomon says that he receives letters from all parts of the United States regarding telephone rates for resort cottages at Charlevoix, some asking to have the contracts forwarded, after giving the date they will arrive, and requesting to have the telephone service ready.

W. H. Blake, former manager of the Sheboygan Telephone Company, has lately



AFTER CYCLONE NEAR EATON RAPIDS, MICH.

the work was expected to be started about July 15th.

Marquette District

The cut-over at Houghton from an old common-battery to a new No. 1 common-battery board was made with success. Some cases of trunk trouble between Calumet on one side and Lake Linden on the other developed later, but were immediately attended to. All the Houghton subscribers were called regarding their service, and no serious complaints received.

A chief operators' conference was held May 28th and 29th at Houghton. Fred Clarke, traffic engineer at Detroit, presiding. There was a lengthy discussion on choice of operators, responsibility of chief operators, etc. The question was asked each chief operator how she would be fixed in case three operators resigned in one day. The majority, in answer to this question, said that they would not be taken at a disadvantage, having lists to draw on. The new routine of having night calls verified so that the wrong parties should not be routed out of bed, which had been put in operation some days before, was also dis-

When these rooms are finished, Marquette will have as nice retiring quarters as any in Michigan outside of the largest exchanges. State Traffic Supervisor Margaret Woods was entertained by the Houghton operators June 3rd.

The report in the May BELL TELEPHONE NEWS that the Hanley toll station was discontinued March 4th, 1914, was erroneous, or, at all events premature. This station is still in operation.

Myron Branch and High Bend are new toll stations of the Munising Telephone & Electric Company.

Menominee District

Mrs. F. Gravelle, who has had charge of the operating at Rapid River for the past six years, resigned June 1st. Our switch-board located at that point is in Mr. Gravelle's residence. The property was sold to a Mr. Thibault, and Mrs. Thibault now has charge. The service is satisfactory.

A traffic meeting was held at Iron Mountain May 28th and 29th, Fred Clarke, traffic engineer, of Detroit, presiding. This conference was very instructive to the chief operators who attended.

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been appointed consulting engineer for the Sheboygan Water Board.

The Elk Rapids manager has recently married.

The summer resort business at Harbor Springs also appears to show that it will be greater this year than ever before. New telephones are being installed promptly. Two additional operators will handle the big increase of traffic.

The traffic conference at Petoskey was a success in securing benefits to all of the operators who attended.

Forest fires near Petoskey started up again in the middle of June, but the rain fortunately put a stop to them.

The telephone service in Petoskey was recently the subject of discussion at one of the meetings of the Petoskey Business Men's Association, with the result that J. J. Kelley, the telephone manager, was told by the secretary of the association that the feeling of the association is that Petoskey is now enjoying better telephone service than at any time during its entire history.

Mr. Herr of the equipment department has been at work in Traverse City installing a test panel and re-arranging the toll circuits on the switchboard. Keys have been ordered so that inter-position order circuits may be installed shortly.

May 20th lightning destroyed the cable leading into the office at Fife Lake, and it was considered necessary to replace it by new 50-pair 22-gauge lead cable. This work, now completed, represents a big improvement at Fife Lake.

A bad fire started and spread in Lewiston, Montgomery county, about ten o'clock of the evening of Saturday, June 6th, damaging the telephone switchboard there about \$230, but not putting it out of service. The board at Lewiston is operated by the Montgomery Telephone Company, indirectly connecting with the Bell system in Michigan through the Onaway-Alpena Telephone Company.

The management of the Leland toll station, Leelanau county, has been transferred from Warner Brothers to Girard and Schwarz.

The Neahtawanta toll station was discontinued as of June 1st. The hotel in which this toll station was located was destroyed by fire and there was found no other available place for opening up a toll

station at this point. Neahtawanta will be considered in future a Class D station of Mapleton, the exchange of the Peninsular Telephone Company connecting with the Bell System.

Port Huron District

The summer resort business is as good this year as ever before, and is rapidly approaching the limit of the plant facilities.

Collections at Port Huron for the April quarter exceeded those of the previous three months by over \$2,700.

The Consolidated Telephone Company is building a new exchange at Snover, and discontinuing the one at Argyle. The company will gain over 100 new subscribers by this move.

Saginaw District

A No. 4 private branch exchange with fourteen stations and five trunks was installed last month at the Saginaw City Hall. The board is operated by Edith Burr, an experienced operator and former employe of this company.

A No. 2 private branch exchange with nine stations and two trunks has been installed in the residence of P. F. H. Morley, Saginaw. The contract was secured by Commercial Agent C. E. Fyan.

The toll station at Linwood Park, a summer resort in Bay county, which was discontinued December 28th, 1912, was reopened June 1st, 1914. Walter Kurzrock was re-appointed manager.

Claude L. Hartsell has succeeded Duff Turcotte as manager at Flushing.

Leah Yates, toll operator at Saginaw, recently entertained the day toll operators at her home on Jackson street. During the evening, Miss Yates' engagement to Dr. Noble Snell was announced.

Owing to the resignation of Margaret McFaddin, who recently left for Denver, Colo., Pauline Neininger, former evening toll supervisor at Saginaw, has been promoted to the position of chief operator's clerk.

Rose Gravatt, senior operator, succeeds Miss Neininger as evening toll supervisor. A luncheon was given for the West day girls by Margaret McIlhiney at her home

on Simoneau street. All reported a very enjoyable evening.

Ruth Allore, toll operator, entertained the supervisors, assistant chief operator and chief operator of the Saginaw exchange at "Kawka Eeka," Sunday, June 14th. Games were played, and several vocal selections given by the Misses Watkins and Welchman. Piano selections were rendered by the Misses Willis and Brandt. After a very enjoyable day, the party returned to Saginaw in a yacht.

Linda Post and Iva Conn have been transferred from Saginaw to the Detroit long-distance room.

The employes of the district and commercial offices at Saginaw gave a dinner party in the district office, Monday evening, June 22nd, in honor of District Manager H. R. Mason, Commercial Manager F. J. Evans, and Plant Chief Charles Chandler, and their wives. Covers were laid for twenty, and the tables were artistically decorated with American Beauty roses. The festive spirit of the guests, as well as the success with which it was carried out, will make the occasion one long to be remembered.

The following letter of appreciation was received at the Flint exchange:

June 13th, 1914.

To Miss No. 17: Words cannot express our gratitude towards you for being so kind to us during the past few weeks on the 410 R line.

We have just lost a sister and when we were feeling so badly we then found out that we had such a nice and obliging operator on our line which helped us greatly in our time of trouble. If at any future time you are at liberty, kindly call at 312 West Ninth street and we will be very glad to get acquainted with one who has been so kind to us.

Trusting we may meet you soon, we remain, Yours sincerely,

MRS. E. ROCKAFELLOW,
DELLA M. CRAGO.

Effective July 2nd, 1914, the Fergus toll station in Saginaw county was discontinued. This station in the future will be listed in the tariff and route book as Class D on St. Charles.



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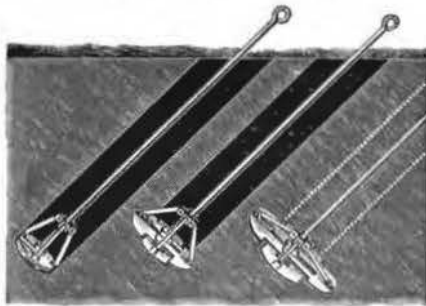


Fig. 1—Represents Anchor Placed at bottom of hole. Fig. 2—Partially Expanded. Fig. 3—Fully Expanded.

The Value of Bathing

By Dr. Alvah H. Doty, Medical Director, Employees' Benefit Fund, Bell System, Western Electric Company and Western Union Telegraph Company

It is quite probable that bathing or washing the body is in some form practiced everywhere, even in uncivilized countries, either as a means of cleanliness or for the pleasure derived from this source, although there are differences in the modes of bathing among the various nations or the classes of people which compose them. It has been said and not without some truth that the degree of civilization attained in any part of the world is indicated largely by the attention which is paid to personal cleanliness.

The means by which people secure cleanliness of the body is largely a matter of custom and the individual gives but little thought concerning the real benefits to be gained by this important hygienic measure or the most pleasurable or practical means by which it may be attained, therefore it is important to give this subject some attention and to learn the relative value of the different methods of bathing.

The skin like the kidneys is an excretory organ, that is, it excretes or throws off waste or worn-out matter from the body. If this material is not promptly removed from the system, we suffer from it in various ways, besides if it remains on the surface of the skin it quickly decomposes and becomes offensive, particularly in parts of the body where surfaces are brought together, for instance, under the arms, and between the toes, for the air which passes through the clothing is excluded from these parts, besides, some of the waste matter is not rubbed off by the clothing as occurs in other parts of the body. While this condition may be tolerated by persons who are careless regarding the proper care of the skin, it is exceedingly unpleasant to those who are in close proximity to them. No amount of clothing will mask this condition and it is for the purpose of preventing it, as well as assisting nature in the prompt excretion of waste substance, that a daily bath is desirable, particularly during the warm weather, for then the skin is very active, the amount of excretion greatly increases and decomposition rapidly takes place.

While the old-time weekly bath may, in a way, answer the purpose of cleanliness during the cold weather, it does not adequately maintain a clean and pleasant condition of the skin during the summer months for even a daily bath and the free use of soap do not always answer the purpose, particularly in parts which are brought closely together.

While a tub bath is useful when a good scrubbing is desired, it is not needed for those who bathe daily; furthermore, it is not, as a rule, stimulating, besides it involves an extravagant waste of water and considerable time is required in its preparation. There is no doubt that in the future tubs will be replaced by shower baths for this method is superior to all other forms of bathing for the purpose of maintaining a healthy condition of the skin, as well as a general stimulating effect. It is true that everyone cannot have a tub or shower bath at his command, but everyone can obtain a large sponge at a comparatively small price and with this the skin may be kept in good condition. If the latter means is em-

ployed, care should be taken that the sponge is frequently washed out and daily aired and exposed to the sun.

The temperature of the bath is an important consideration; the very young and very old and also invalids are not proper subjects for cold baths at any time, for the shock which ensues after the sudden reduction of the temperature of the surface is not followed by a prompt or proper reaction and is not infrequently associated with unpleasant results. Neither is the practice of plunging into a tub of cold water in the morning to be recommended for anyone, although there are those who can stand it and apparently enjoy it, yet it is quite probable that even under these circumstances it sooner or later becomes detrimental to health.

A warm bath is valuable for cleansing purposes, it is soothing but not stimulating and renders a person quite susceptible to low temperatures. Therefore, warm baths should be taken at bedtime during the cold weather, for outside exposure after a warm bath in the winter time would very likely be followed by a cold if not some more serious affection. However, during the heated term, warm baths are frequently resorted to during the day for the purpose of cleanliness and without any ill effects.

The most valuable, pleasurable and stimulating bath for daily use is a warm shower bath of very short duration, just sufficient to clean the body, followed by a cold shower for a fraction of a minute. In this manner the surface of the body having been warmed, the cold shower is far more pleasurable and gives less shock than if warm water had not been first applied. The cold shower alone is not, as a rule, acceptable and certainly not as pleasant and stimulating as the combined shower.

Shower baths should be taken upon rising in the morning and should be followed by a brisk rubbing of the skin with a coarse towel- soap cannot be dispensed with even in the daily bath, particularly during the warm weather and in connection with certain parts of the body.

Turkish and Russian baths are entirely unnecessary to maintain a good healthy condition of the skin and are used by many rather for their pleasurable effect and in some instances for their remedial action in certain diseases. Persons with heart disease or other organic affections should not take these baths except with the approval of a physician.

Baths should not

be taken for two or three hours after a meal, for if the surface of the body is subjected to either extreme of temperature at this time, it interferes materially with the circulation of the stomach and intestines, which during meal time has been properly adjusted for digestive purposes and any unusual interference with it is quite apt to be followed by unpleasant results.

Both fresh and salt water open air bathing must be placed in the list of sports or pleasures, for they cannot be depended upon for cleansing purposes, besides it is a mistaken idea that this form of bathing is a healthy practice for it is not, for those who enjoy swimming invariably remain in the water too long. This exposure should not last more than ten minutes, although a large part of the day is often taken up with this pleasure. There is no doubt that the depression and languor so common among those visiting the seashore or along inland bodies of water where swimming is a feature, is due to undue exposure in connection with swimming. This condition often remains for some time after a person has returned home. Young children are often improperly exposed in this manner. The blueness of the skin, the shivering, etc., which is so commonly noticed among open-air bathers, cannot be regarded as evidence that this form of bathing is conducive to health.

Open-air bathing should never be indulged in soon after a meal for the reasons already referred to, for aside from the depression which may follow a violation of this rule of health, there is but little doubt that cramps, which so often occur during swimming and which are not infrequently followed by serious or fatal results, are due to digestive disturbance following the shock of the reduced temperature upon entering the water.

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Volume:

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Flood Relief Fund Balance

In the Spring of 1913, Ohio and Indiana were swept by floods that left destruction and want in their wake. Coming upon communities like a flash there was little or no time for taking steps to protect property, every energy being necessarily directed toward securing personal safety. Wrecked factories deprived thousands of men of their regular occupations and ruined homes added to the misery of the situation. A cry of distress went out to the country and was answered with characteristic American spirit, promptly and liberally. None responded with greater promptness or larger generosity than did the employes of the Bell System who raised a large fund for the relief of their fellows whose homes were in the flood-swept area. So generous were these contributions that it was found that, after ministering to the needs of all sufferers, there remained in the hands of the committee charged with their disbursement a balance of about \$2,700. Conditions have returned to normal in the flood area and the committee is confronted with the question of what to do with this balance. Made up of contributions of small amounts from hundreds of individuals a return of the money

to the original donors is manifestly impossible. As the fund was raised to relieve the needy and distressed it has been decided to devote the surplus to like service and with this end in view it will be returned pro rata to the general managers of the contributing companies, the Central Union, Wisconsin, Chicago and Michigan State, to be disbursed by them for the relief of worthy cases arising among the employes of those companies who do not come under the protective care of the Pension Fund. Great credit is due to those upon whom the duty of distributing the relief fund has fallen, but greater credit falls to the share of those employes who, when their comrades called, quickly and generously cast their bread upon the waters. It will, we know, be a source of continuing pleasure to these to know that there is still to be a sunshine fund to carry light into hearts and homes that would otherwise be sad and disheartened.

Mr. Howard's Detector

A. L. Howard, of Nebraska, has invented a "telephone detector" for party lines, so the information goes.

Mr. Howard's device is a fearful and wonderful thing. It is an indicator with which every one of the ten or a dozen telephones on a rural line is to be equipped. This indicator has a disk with teeth, and this disk is set in motion when the receiver is taken off the hook. The teeth on the disk, according to the inventor's description, pick musical notes from keynote tongues in the instrument. The high and low notes correspond to the short and long calls on the instrument which is being tampered with. Thus, if Bill Jones' ring is a short and two longs and you are talking with somebody else than Bill Jones, and you suddenly hear a high and two low notes breaking in, you will know that Bill Jones is intruding. The indicator also assures you that you are talking with the person whom you have called and not somebody else who has taken down his receiver when he heard a call not his own.

It is not entirely clear just what effect this is expected to have unless to

shame the interloper with the knowledge that his identity is known.

Mr. Howard is a "trouble shooter" and his report of his invention includes many amusing incidents in his warfare against habitual intruders on the party line. For instance, he found a man holding a pet pig in front of the transmitter of his telephone while two other subscribers were trying to talk business. The man would pull the pig's ear to make it squeal into the telephone. A toothless old woman dropped her sewing to hold the receiver to her ear to get the neighborhood gossip. The trouble man found Mrs. Mulligan with the receiver tied to her head so that she might hear while she worked at the sewing machine. He found a three-year-old boy standing on a chair listening in as he had seen his parents do.

Mr. Howard's invention may be a complete mechanical and practical success so far as anybody can tell this side of Nebraska but its popularity among the subscribers is extremely doubtful. The practice of passing away a tedious evening by listening to everything going on over the wire is likely to die hard. From the standpoint of the "trouble shooter" this party-line sniping is an evil. But from the standpoint of human nature it is a privilege and any attempt to curtail it by lockout devices or mechanical detectors is likely to be received with discouragement.

One Imperative Qualification

The heads of ten large American industries recently submitted to a popular magazine lists of the qualifications they deemed necessary for success in business. The lists differed materially, except in one striking respect—they all agreed that "health" was the first qualification. And right they were—everlastingly right. Success has its basis in the healthy human animal. Business needs—more than anything else—the zest and snap and vigor and clear-headedness that come from systems in shape. An abundance of good health means an abundance of opportunity. No one yet ever had too much of the one or the other.

Heavy Tractor for Cable Delivery

The Chicago Telephone Company has the largest motor-driven heavy-unit transportation outfit in Chicago. In order that the following description of the machine and its work may be more clearly understood it is necessary to give a brief outline of the duties of the so-called tractor, as well as the previous methods employed in caring for the same work.

Probably the major duty of the tractor is the hauling of large unit cable directly from the Western Electric Company's Hawthorne plant to the pulling-in gangs on the job in different parts of the city. The other uses to which this outfit may be put are the delivery of conduit, electric machines, gas machines, and miscellaneous large supplies.

Previous to this year the large-unit

gang busy. Three or more trucks would be necessary, which would be too expensive. Trucks of larger capacity would require steel tires, as rubber would wear out very rapidly. On the other hand, the engine would soon be shaken to pieces on the steel tires.

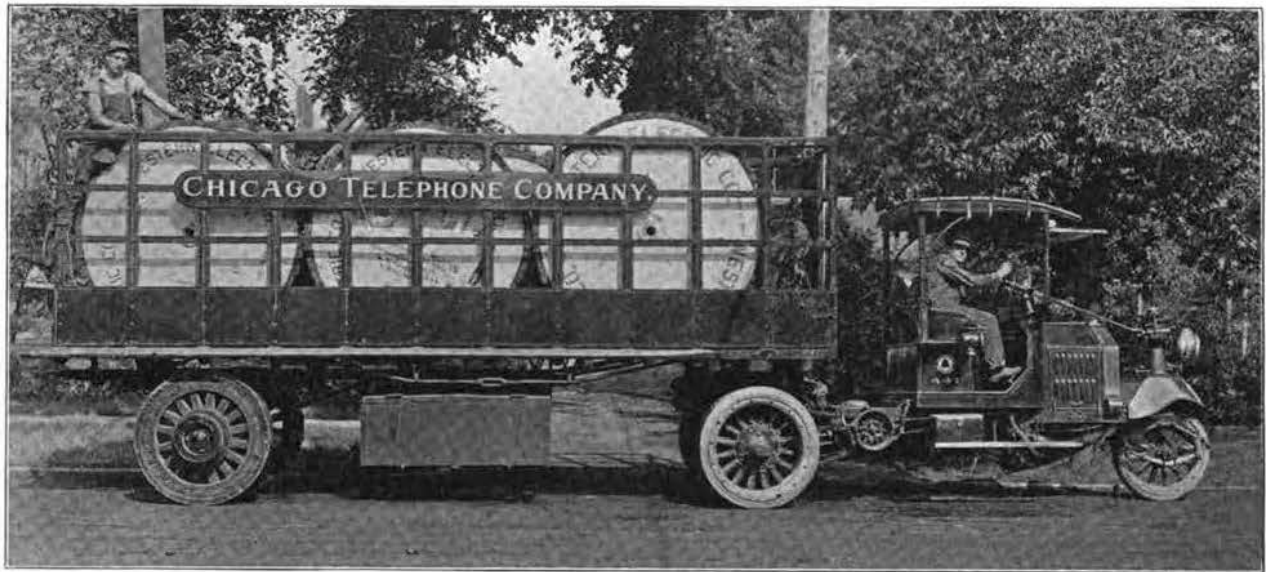
The only practical solution of the problem was the three-wheeled, rubber-tired tractor pulling a trailer having heavy wooden wheels and steel tires, as shown in the picture.

It was decided to make a trial with a Knox three-wheeled tractor, employing as a trailer an old ten-ton truck which was rented. This experiment showed the entire feasibility of the plan, but it was found at once that the capacity of this equipment, four reels, was too small. Carrying only four reels it was necessary to run the tractor faster than was desirable

over the sweat-band, all of which were then bolted to the feloe. The wheel boxes were made of bronze with transverse grooves for lubrication. The grease is fed through the hub by means of two cups.

Although the wheels are relatively small, being about forty inches over all, the bearings remain cool even under extreme conditions. The size of the outfit might be illustrated by saying that the steel tires used on the rear wheels weigh over 400 pounds each. The whole machine weighs ten tons. The tires being so broad, however, do not injure the pavement in any way.

The equipment of the outfit consists of a wagon body twenty-one feet long and seven feet wide inside, the complete length of the whole outfit being thirty-four feet. The box is equipped with a sliding drum winch of ten ton capacity. The drum is



CHICAGO TELEPHONE COMPANY'S HEAVY TRACTOR.

cable used in the city was delivered either on horse-drawn trucks directly from the factory at Hawthorne, if the cable was to be used in the vicinity of the plant, or by rail shipment to the team track nearest the job and thence by horse-drawn vehicles. There were many objections to this delivery, the principal one of which is perhaps the danger attendant upon the storage of reels for any length of time in the street. The necessity for storing reels in the street arose from the fact that transportation by rail is always more or less uncertain, so that it was never possible to tell exactly when all of the reels for a job would be ready for the pulling-in gang without loss of time. As a result a large number of such reels were stored on the street.

Red lanterns had to be hung on all of these reels every night, but even with this precaution there was still some danger, as the street urchins were likely to use the lanterns as targets. In addition to this the large amount of cable standing idle on the streets kept the investment figures too high.

Various expedients for overcoming these difficulties were suggested but were always abandoned as being too costly. Probably the most feasible plan conceived was the delivery directly from Hawthorne to the job by auto truck. But the carrying capacity of the present commercial auto trucks is not sufficient to keep a pulling-in

gang supplied. A trailer which would carry six reels of any weight was what was needed.

The next question was how to build a trailer sufficiently heavy to do this work and still be within the law; also flexible enough to withstand the enormous vibration caused by moving heavy loads rapidly over cobble-stone pavements. The trailer was finally made by J. Press & Sons of Chicago.

After a considerable amount of work in which the Telephone Company cooperated with the manufacturer, the outfit was drafted which is shown in the accompanying cuts. The results hoped for were even surpassed by the actual performances. It was found possible to handle practically any load up to twenty-five tons with safety. In fact, a load of twenty tons has been carried several times. The difficulties encountered in making a suitable rear axle will illustrate the sort of thing which had to be overcome in the construction of such an outfit. The rear axle was made of chrome-nickel-steel, five and three-quarters by four and one-half inches, entirely hand-forged and milled, and afterward heat-treated. The wheel as shown in the cut has an old type wooden hub with six-inch spokes and four by eight feloe. A one-half inch iron sweat band is used to draw the wheel into its final position, after which two, four by one and one-half inch steel tires were set on the wheel

fitted with a friction brake which enables the operator to lower the reel very easily. It also enables the crew to load such reels off the street without outside assistance.

A pair of heavy skids is provided which hook into the rear of the truck body floor, and when being carried are suspended on rollers underneath the bed of the wagon and securely clamped by means of an eccentric. There is also a tool box suspended underneath the wagon, which contains drawers to be used as lockers for the men's clothes, as well as compartments for all tools necessary.

One remarkable feature of the outfit is that although it is thirty-four feet long and carries a load of approximately eighteen tons, it can easily turn around in a thirty-foot street without touching either curb and without having to back. This is shown in the cut. This is truly an advantage when considering the manipulations necessary at team tracks, and the use of these tracks is necessary in connection with the hauling of machinery and the delivery of conduit and other heavy supplies.

With this outfit a car containing approximately 8,000 feet of conduit was emptied in two loads. Three five-ton generators were hauled on one load. In the three jobs of hauling machinery which had already been done at the time of writing, a very good saving has been made over the prices charged by contractors for

the same work, and from experience so far very appreciable economies will also be realized in the delivery of cable.

Plant men believe that the use of the tractor by the Telephone Company is only beginning and are able to see the possibilities of delivery of switchboards, poles, and in fact, everything which is bulky or weighty. Under certain conditions where there were comparatively short hauls to be made, while considerable time is occupied in loading and unloading, one tractor might easily keep several trailers busy.

Side-Lights on Government Ownership of Telephones

Practice vs. Theory

Bishop Neely's Views.

Bishop Thomas B. Neely, of the Methodist Episcopal Church, who is regarded as one of the best authorities in Methodism upon governmental affairs, ecclesiastical and otherwise, declared that government ownership of public utilities was one of the greatest perils that confronted the American nation.

"So many perils menace our nation at the present time that it is difficult to pick the greatest," said the Bishop. "The people, generally, are misinformed concerning governmental matters. They misunderstand the function of a government. A government exists not to transact business, but to protect life and property; to allow every individual a fair chance to make his own living, and to give freedom of initiative to individuals and combinations to prosecute business along legitimate lines.

"It is not the business of a government to undertake to do everything for everybody. The suggestion that the government should take control of the telephone and telegraph companies is along that line. The government has just as much right to assume control of all the newspapers of the country as it has to engage in the telephone and telegraph business. If the government took charge of every business enterprise, every worker would be in the employ of the government, and the workers would be worse off than they are at the present time.

"Government ownership would mean building up a huge political machine. It would mean practical slavery for the

workers under a government that controlled everything. That is where Socialism leads.

"The initiative, referendum and recall, and many other things we hear about nowadays, are decidedly un-American. The American government is a representative government; not a government by the masses. Under our form of government the people select their wisest and best men to represent them. These men get together, hear all sides of the question at issue, and form a sound judgment. The great multitude cannot come together; it cannot hear both sides of a question, and it is not competent to arrive at a wise decision. If the masses are not competent to arrive at wise decisions, they certainly are not competent to make and un-make laws.

"The accusation frequently is made that, under our representative form of government, the right kind of men do not represent the people. That is the people's fault. If they are not competent to elect the right kind of representatives, they certainly are not competent to make the right kind of laws."

Referring again to government ownership, Bishop Neely said:

"A government cannot conduct business like a private individual. Individuals can take a risk in a business enterprise and, if they lose, they stand to pay the losses out of their own pockets. If a government falls in business it would add to the taxes of the people to make up the deficit. I have seen government-owned railroads in other countries and they were managed poorly. Certainly they were not so well managed as the Pennsylvania and other systems I could name.

"The government is not making money out of the parcel post, and it is interfering with private business. The government is likely to lose money in any business enterprise it undertakes.—*Public Service.*

Three Million Government Payrollers!

The report of the joint committee of Congress on "railway mail pay" has not received the attention it deserves. It was made on Aug. 31st, when interest in the European war was at its most feverish point. Perusal of it seems to account for the recent modesty of Postmaster General Burleson's proposals, with their tendency toward curtailment rather than extension of his department's expenditures.

The committee was raised in an effort to get Congress to settle the old "railway mail pay" controversy as the Post Office

Department wished to settle it. That the committee, headed by Senator Bourne, has flatly refused to do, on account of the ascertained unreliability of postoffice statistics. The report is, in fact, a general treatise on "Postoffice Inefficiency," winding up with a recommendation that the powers of Mr. Burleson's department be curtailed rather than increased and that the adjustment of its relations with the railroads be referred to the interstate commerce commission, as a body competent to ascertain the facts and render a fair judgment.

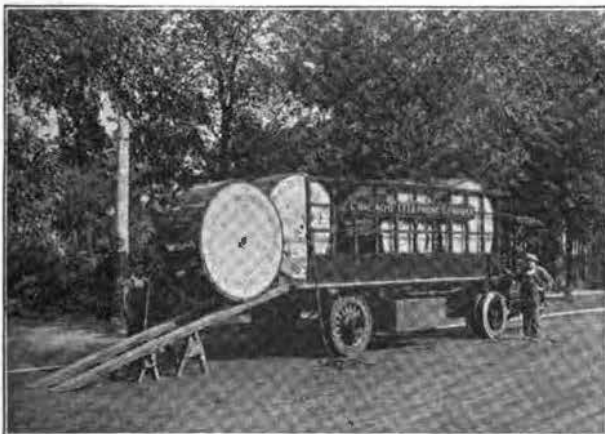
In the course of its remarks Senator Bourne's committee gives a striking illustration of what Mr. Burleson's plans for governmental ownership of telegraphs and telephones, and the clamor of some widely circulated newspapers for government ownership of railroads, would really mean in the political controversies of this country. The government now has 469,000 civil employes. These government ownership plans would raise the number to over 3,000,000! In the last ten elections the plurality that named a president has never been over 2,600,000.

However beautiful as a theory governmental ownership may appear the thought of over 3,000,000 government payrollers, all with votes, all materially interested in getting higher pay or easier work, is one to give us pause. The prospect of government "of payrollers, for payrollers and by payrollers" is surely not one, in the light of experience, to rush forward to with joy.—*Chicago Herald, October 21, 1914.*

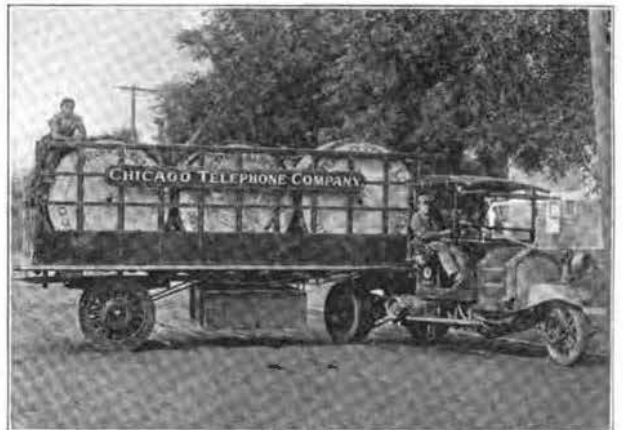
Rates Raised Under Government Ownership.

Calgary, Canada, is now trying to adjust itself to new government telephone rates, which are from 37% to 140% higher than were those of the privately owned telephone company taken over by the government on April 1, 1908.

When the Alberta government purchased the provincial system of the Bell Telephone Company of Canada, it reduced residence rates \$5 per annum for both desk and wall sets, but made no changes in other classes of service. It now has returned to the old Bell rates of \$27 for residence desk sets and \$25 for wall sets. But instead of the Bell rate of \$20 for each trunk line for a private branch exchange, the government demands \$48. Business service with desk sets rated by the old private company at \$37 per annum now cost \$51, and business service with wall sets that was \$35 under private



TWO MEN CAN UNLOAD A CABLE REEL.



TRACTOR TURNING IN NARROW STREET.

ownership is now under government ownership \$48.

The list of examples of the increased cost to the public of government ownership of telephone systems grows lengthier rapidly. Experience is teaching a hard lesson to those who thought they wanted and now have, government ownership; it is proving that economy is impossible in a government undertaking.—*Telephone Review*.

Punch and English Telephones.

The Englishman's official fountain of humor, *Punch*, takes a hand in whacking Great Britain's government-owned telephones. "Dr. J. Sinclair," says *Punch*, "has been appointed chief medical officer to the postoffice. The work involved must be peculiarly arduous, for since it took over the telephones the postoffice suffers from more complaints than any other public department.

"The musical play 'Are You There?' which will shortly make its appearance at the Prince of Wales Theater, will, we are told, consist in part of a satire on the London telephone system. If the general postoffice possesses an ounce of spirit, there will, we should say, be some little difficulty in booking seats by telephone.

"It has been suggested," said the Postmaster-General at a dinner last week, "that when the London postoffice telephone system is in full working order we should have our hair cut by telephone. As a matter of fact, we have already heard people who declare that they have been fleeced by it."

Contrasts in Belgium.

Belgium is a country where government ownership is popular, but there are still five small companies operating railways. These make a splendid showing when compared with those owned by the state. Figures given for 1912 show that out of every \$100 gross receipts, \$69.31 was paid for operating expenses. Against this figure the private companies paid out of every \$100 of gross receipts an average of \$41.41. The largest of the five companies paid only \$38.52. A comparison between the government and private lines is as follows:

| | State 1912. | Private. 1912. |
|--|----------------|-------------------|
| Operated mileage.. | 2,696 | 217 |
| Gross receipts..... | \$63,949,000 | \$6,797,000 |
| Expenses | 44,327,000 | 2,815,000 |
| Net | 19,622,000 | 3,982,000 |
| Ratio of expenses to receipts | 69.31% | 41.41% |

Against the government's net receipts of \$19,622,000 must be set the charges for interest and sinking fund. These charges in 1912 amounted to over \$20,000,000, so that the government lines show an actual deficit.—*Concerning Municipal Ownership*, October, 1914.

And in Chile.

"When the time came for us to leave Chile, we went southward on the railway to Puerto Varas. Incidentally I may remark that the railways in Chile are owned by the state, and that the men I met who were best informed and most trustworthy expressed great regret that they had not been kept in private hands. These men stated that there was always a deficit in the management of the railways, and that they were a burden on the government and unprofitable to the citizens generally."—Ex-President Roosevelt in *The Outlook*.

Conference of Presidents

The annual conference of presidents of associated companies in the Bell Telephone System was held in New York the week of October 26th, preceding the meeting of Pioneers in Richmond. Those present were:

President P. L. Spaulding, New England Group, Boston; President Dexter B. Potter, New England Group, Providence; Vice President James T. Moran, Southern New England Telephone Company, New Haven; President U. N. Bethell, Eastern Group, New York; Vice President F. H. Bethell, Eastern Group, New York; President W. T. Gentry, Southern Group, Atlanta; President B. E. Sunny, Central Group, Chicago; President C. E. Yost, Northwestern Group, Omaha; President E. B. Field, Mountain Group, Denver; President H. J. Pettengill, Southwestern Group, St. Louis; President George E. McFarland, Pacific Group, San Francisco.

Pioneers at Richmond

Members of the Telephone Pioneers of America held the fourth annual convention of the association at Richmond, Va., October 29th, 30th and 31st. While not quite so largely attended as the meeting in Chicago a year ago, the Richmond convention was enthusiastic and the entertainment features were fully enjoyed by the 300 or more visitors.

The New York and New England delegations arrived Thursday morning in time for the business session, which took place at the Jefferson Hotel. In the afternoon papers were read by J. S. McCulloh, of New York; N. T. Guernsey, of New York, and A. S. Hibbard, of Chicago. Thomas D. Lockwood, of Boston, vice president of the association, presided and, as usual, his sprightly asides added materially to the entertainment.

President Theodore N. Vail, Secretary Henry W. Pope and other officers were re-elected.

At the banquet in the evening Mr. Lockwood again presided. After dinner speeches were made by Union N. Bethell, of New York, Leland Hume, of Nashville, Tenn., and J. T. Moran, of New Haven, Conn. "It's a Long Way to Tipperary," sung in chorus, supplemented the program of speaking.

Friday morning the pioneers were up early and took the boat for a ride down the James river. A stop was made at Jamestown where the historic ruins divided interest with a persimmon tree. The fruit of the latter, not as ripe as desirable for consumption by persons unaccustomed to its peculiarities, produced the usual astringent effect on the facial muscles of the partakers with the result that subsequent efforts to revive the Tipperary song were attended with painful grimaces.

Arrived at Old Point Comfort the party was met by Mr. Vail, who was stopping at the Hotel Chamberlain. The members were Mr. Vail's guests at dinner that night and later took a boat up the Potomac river for Washington. Saturday was spent sight-seeing in the national capital.

Among those who attended the convention from the Central Group territory were B. E. Sunny, Alonzo Burt, E. H. Bangs and A. R. Bone and wife, of Chicago; H. J. Baumann and wife, of Dundee, Ill.; Gus Allendorf, of Harvard, Ill.; H. E. Allen of Dayton, Ohio, and W. J. Berry of Detroit.

The majority of the pioneers present were from New York and the New England states.

The Englishman Paid

One evening during the latter part of August a little incident at Linton, Ind., demonstrated the swiftness and reliability of American (Bell) long-distance telephone service and at the same time disabused the mind of an Englishman of an exaggerated misconception.

The telephone service of Linton is supplied by the New Home Telephone Company, which has connection with the Bell long-distance system through an operating agreement with the Central Union Telephone Company. On the night in question a number of men were in a cigar store, among them an Englishman, who is in business in Linton. The Englishman began to extol the swiftness of telephone service rendered in England—long-distance service in particular. The manager of the New Home Company, J. A. Parrish, was present and put up a defense of the telephone service in this country. The Englishman was insistent that our service in no way compared with the English and offered to wager \$50 that connection could not be secured with any one in New York City inside of thirty minutes. The telephone manager told him it could be done but that he did not care to rob him of his money. The Englishman insisted, however, that there be some demonstration to show how swift the Bell service was and it was finally agreed that a call should be made to "any clerk," care of a certain hotel in Jersey City, N. J., and that if the connection was not made within thirty minutes, the manager would pay for the call, which was \$5, and pay \$5 as a wager in addition. In case the connection was established in less than thirty minutes, the Englishman would pay the same amount.

The call was placed by the Englishman from the cigar store telephone at about 9 p. m. in the usual way, and in just fifteen minutes he was talking to the clerk of the hotel in Jersey City. The wager was paid and the manager immediately attempted to return the \$5, but the loser refused to take it, saying that he had been convinced and was entirely willing to pay up.

The handling of this call to Jersey City was prompt but the case was in no sense exceptional. From Linton the routing was through Terre Haute, Indianapolis, Pittsburgh and New York, thence to Jersey City, the call requiring the services of operators at six points before connection was established. If the hotel used a private exchange system, the operator at this board was also in on the call.

New Exchange at Defiance

From switchboard practically down to the last pin on the most remote cross arm, the plant of the Northwestern Telephone Company at Defiance, Ohio, has been rebuilt. The new equipment was placed in service at midnight, Wednesday, September 30th.

The exchange combines the services until recently given by both the Northwestern and Central Union Telephone Companies and provides the people of Defiance with a single, unified service, relieving them of the annoyances necessarily attending the operation of two systems side by side in the same city.

The central office equipment is housed in a handsome new fire-proof two-story building owned by the company and constructed especially for telephone purposes.

At the cut-over telephone officials from Defiance, Toledo, Chicago and Cleveland were present.

Reorganization in Indiana

Effective October 1st, the organization for the Indiana division of the Central Union Telephone Company was materially changed. The essential feature of the change is the separation of the state into two divisions of territory, each in charge of a general superintendent reporting direct to the general manager, each general superintendent having direct supervision over all departments within the territory assigned him.

The present Central district which comprises the city of Indianapolis and Marion county, and which contains about one-third of the owned Central Union stations in Indiana and one-half of the exchange property of the state, will constitute one division. The present Northern and Southern districts are combined into one division comprising all the exchange and toll-line property in Indiana with the exception of the exchange property within Indianapolis and Marion county.

The Central district will be in charge of L. J. McMasters as general superintendent, who will also act as manager of Indianapolis and will be supported by a staff organization as follows: P. L. Moseley, commercial agent, in charge of the exchange development, collections, etc.; W. B. Thomas, plant superintendent, in charge of the construction and maintenance of plant; and Guy Green, traffic superintendent, in charge of the operating. The combined Northern and Southern divisions will have as general superintendent, Frank Wampler, supported by a staff organization as follows: W. R. Hirst, plant superintendent, in charge of construction and maintenance of plant; J. L. Wayne, traffic superintendent, in charge of the operating; C. M. Nesbitt, commercial superintendent, and W. T. Allen, chief clerk.

The essential feature of the new organization is the centralizing of lines of authority directly in the general superintendent of each division, and special care has been taken not to disturb in any way matters which affect the company's plant or commercial accounting.

L. J. McMasters, general superintendent of the Central division, has been in the company's employ for more than fifteen years as equipment foreman, district plant inspector, manager, and for the last several years has been plant chief of the Indianapolis exchange, and was recently made commercial manager in addition to his duties as plant chief. He is thus thoroughly familiar with conditions in Indianapolis and territory assigned to him, and by his detailed acquaintance with those conditions, is especially fitted for his new work in charge of all departments in his territory.

Frank Wampler, general superintendent of the combined district, needs no introduction to telephone employees in the state as he has been engaged in telephone work in the state as manager, special agent, district superintendent and district commercial manager for the past seventeen years. He is probably better acquainted throughout the state than any other telephone man in Indiana. His past experience has especially fitted him for assuming charge in an executive way of the territory assigned to him.

Busy Business by Telephone

Success, say persons who build theories, is won by eternal wooing. Persons who build bank accounts add something about always being on the job. If John T. Sloan, 9214 Edmunds avenue, Cleveland, Ohio, were not too busy he might say



L. J. McMASTERS.

neither is altogether right,— telephoning does it.

It wasn't quite from choice that Sloan tried the telephone method at first. Eight years ago he was operating his insurance business from an office downtown, just as all insurance businesses are operated and by the same methods. It was going all right, too.

And then he became ill. Sciatic rheumatism, the doctor said his trouble was, and that it would be a long time before he could visit the office again.

That was a dreary time—those first days of unaccustomed inactivity and



FRANK WAMPLER.

worry about the business so hard to build up and so quick to disintegrate. There were hours of excruciating pain, too, that all but destroyed ambition.

Sloan recovered enough to work again, after a long time. But the attacks kept recurring, and finally he gave up his office. It was then he formed the telephone plan.

It has worked so well that he is rather proud of it now. The telephones are within easy reach of his bed; on days when he is unable to be out it's the easiest thing imaginable to reach all the world by just taking down the receiver. It's efficacious, too.

Other days, when the sun shines and there isn't much pain, Sloan drives his runabout around the city and meets those whom he has known only over the wires. The little surprises are real pleasures, he says.

Toll Correspondence School

To Division Traffic Chief F. E. Chandler of the Suburban division of the Chicago Telephone Company belongs credit for the establishment of a correspondence school for the examination and education of toll operators in the Chicago Suburban division.

Finding it impracticable to gather all toll operators for instruction and education in operating methods, and, as methods are changed from time to time, Mr. Chandler originated the idea of conducting examinations by correspondence.

On October 10th a list of ten questions bearing on the general duties of toll operators was sent into the field. Each operator handling toll work was required to write answers to these questions and hand her papers to the chief operator for transmission to the division office. Not only is sufficient time given to each operator for answering these questions at length, but she is allowed free access to all reference books, circular letters and other instructions that have been issued by the traffic department.

After receipt of answers in the Chicago office, each operator's papers will be examined and gradings will be given. The papers will then be returned through regular channels to the individual operators for their information and further instruction.

In explaining the routine of the new plan, Mr. Chandler said: "The questions incorrectly answered will be marked to show the error and reference to the correct information. Examination papers will not be used as a basis for criticism, but for the education of the individual operator. It is hoped by this means to discover wherein circular letters and traffic instructions are misunderstood and to correct those misunderstandings."

For the information of toll operators a monthly list will be published in the BELL TELEPHONE NEWS showing the names of operators who attained a high standing in this examination during the preceding month.

Worthy to Wear a Crown

"Are you sure you love your neighbor as yourself?" asked St. Peter, who was cross-examining the new arrival.

"Yes," answered the applicant for a golden crown. "For 10 years he used my telephone to carry on his business and I never complained."

"Enter, my good man," said St. Peter, with much feeling.—*Birmingham Age-Herald.*

Rescue Work for Operators

By Superintendent James Towal of the Illinois Mine Rescue Station, La Salle, Ill.

The La Salle branch of the Central Union Telephone Company has come to the front rank. Five of the operators have come out and shown what young ladies can do when they set their heads in the right direction. During their spare moments Agnes Kashinski, chief operator of the night squad, along with Gertrude Hale, Mercedes Konzak, Ella Danz, and Clara Marciniak, took "First Aid to the Injured" at the Mine Rescue Station at La Salle under the direction of James Towal, superintendent, and William J. McMillin, assistant superintendent, and

So it should be in the vast army of employes of the Bell Telephone Company. A plan has been devised for the care of indigent employes when their useful years are finished and they can no longer bear the brunt of battle. That is greater than any plan ever formulated by any government, state, corporation or individual; therefore, in order to give the company full value, those employes charged with securing new recruits should look well to the material from a physical as well as a mental point of view, and, after securing material for a membership in this army, should see to it that the new member of our force is properly instructed in the basic principles of our work, and that

ment, therefore you doubt his ability to govern others.

Mr. Manager, it is your fault, not his. If he had been given a chance he might have "made good." You oftentimes deprive him of that chance by your own vacillating methods and lack of attention to detail of discipline in his early years under your tuition.

A manager has a duty to perform when viewed from the proper angle. The young men entrusted to your care by their parents have a right to the best training you can give them. They have a right that you should respect and consider, and lastly, you owe it to yourself and your company to prepare these young men and



TELEPHONE OPERATORS AT LA SALLE, ILL., RECEIVING INSTRUCTION IN RESCUE WORK.

successfully passed both the oral and practical examinations that were given them and they are now entitled to render first aid to anyone, which some of the girls have already done with credit to themselves. They were given a solid gold and enamel First Aid button, also a certificate which is issued by the Illinois Mine Rescue Commission.

The work they were taught consists of taking care of anyone who has met with a fracture, a dislocation, burns, scalds, sprains or strains, or wounds of every description; how to stop either arterial or venous bleeding; also how to treat shock, sunstroke, or heat exhaustion. They are also taught to be very clean and humane in handling a patient; also the carriage or transportation of persons on litter or stretcher; how to remove a person from contact with an electric current without injury to themselves, also how to resuscitate apparently drowned persons or those unconscious from asphyxiation. They are also taught the most essential thing in first aid—to send for a doctor, however slight the accident; that they are only a bridge between the patient and the doctor to help the patient until the doctor arrives or the sufferer is removed to the hospital.

Discipline

By M. L. Saunders, Manager at Bay City, Mich.

No intelligent person would have the temerity to avow that the discipline in the United States army is unnecessary, or that the methods employed to secure that discipline might be avoided. It is a schooling as necessary to make the soldier as it is to teach the novice the manual of arms. To secure this result the army must have trained teachers, tacticians and statisticians, who have bred in them the necessary love of country and loyalty to their governing power.

he is taught the necessity of discipline first of all.

In the army and navy competent teachers are supplied to instruct the newcomers in their duties; in our colleges the result attained is not due so much to the efforts of the scholar as to the teachers who are charged with the instruction of the young men and women, and the first thing impressed upon the newcomer is discipline and the strict observance of the rules of the institution.

In our business a man rises more by his own efforts and natural ability, and no particular effort is made to teach him discipline. We have no teachers. We have no regular system for a set line of procedure in the preparation of the young men who come under our especial care, and who in the coming years may be the officials of the company and charged with the very duties now performed by those above them.

Speaking from a manager's viewpoint the average exchange heads do not know the individual employes sufficiently well to be able to discern whether or not they are capable of carrying on the great work, and some of us are not fitted to instruct the new beginner in his work because our education along the line of duties we perform is not complete. We all lose sight of the fact that discipline is the greatest factor in preparing this young man or woman for life work, and many is the perfectly competent boy or girl who has been spoiled for our service because we have not insisted upon implicit obedience as one of the first requisites of their initiation into the positions assigned to them.

Frequently inquiries are made for a young man to fill a managerial position, and while you have in mind someone who has the technical knowledge you hesitate to recommend him because you are afraid he will not be a good disciplinarian. You know he has not the power of self-govern-

women for their life work to the best of your ability. You must be a teacher as well as a manager, and the first lesson should be discipline.

Secret System Aids Germans

Refugees who have reached Petrograd from Russian Poland have brought information concerning a secret system of communication by telephone of which the Germans have made extended use.

They relate that when German troops enter a town in Russian Poland some officer at once asks to be directed to the home of a non-Polish resident, giving the man's name. In the house of this individual invariably there is found a telephone and the cellar is well stocked with benzine or gasoline and canned soups and other provisions.

By the use of this telephone the Germans endeavor to establish communication with the rear. They inform headquarters of their exact whereabouts and at times even seek from villages ahead of them information as to the best roads for their advance.

The Russians are now taking steps to destroy this system of communication, which is said to be widespread in Russian Poland.

Might Make a Mess

A short time ago an installer was placing a telephone in a house on the west side of Chicago. He was standing on a ladder, attaching the wires to the side of the house, and it looked as if the ladder was about to fall. While the installer was working in this precarious position, a woman came out of the adjoining house and said:

"Say, mister, are you going to fall?"
"I don't know, lady," the installer replied.

"Well, if you do, don't fall in our yard."

Inspecting Toll Lines

By A. E. Johnson, Division Toll Wire Chief, Milwaukee.

An inspection on a toll line should not consist simply in going along the line and noting the number of insulators that are broken, ties loose, defective cross-arms, decayed poles, etc. It should mean a thorough and careful inspection of every part of the line itself, also every other object near enough to the line to possibly interfere with the line under any circumstances, not only at the present time, but at any future period.

First the inspection should be made of the line, in accordance with the specification under which the inspection is being made. In this the inspector has printed instructions to guide him. In addition to this he should make another inspection of the territory along each side of the line. In this inspection the judgment of the inspector must be relied upon, as each case must be handled individually.

Anything that is at the present time, or may be at some future time, a menace to the safety or welfare of the line, should receive attention.

The worst of these obstacles as they might be termed are trees. It is not sufficient that trees should be trimmed to clear the wires according to specification, but all limbs that are so located as to be liable to fall or be blown on the wires should be removed. Dead trees should, in all cases be removed that are located near to the line to possibly touch the wires in falling. Live trees standing near enough to the line to be dangerous should be carefully examined, and if weakness is discovered in them, every effort should be made to cut them down. Guys that are attached to trees should be examined to see that their strength has not depreciated. An inspection should also be made where the guy is attached to the pole, as there is always liability of the strand cutting into and weakening the pole. An instance of this was recently experienced on the Madison-Stevens Point line, where the top of the pole was cut off entirely, throwing two arms of wires into the highway, and obstructing service for several hours. This might possibly have been avoided by an inspection of the guy at the proper time. A careful study of ditches and streams should be made to prevent poles from being washed out in the event of high water. Poles along driveways, and farm yards should be examined to see that they are properly protected from being damaged by wagons or machinery passing them. Even loose boards on old buildings that can possibly be blown, or fall into the wires should be taken care of. In fact, there are so many things that may happen that might be avoided with proper care they cannot all be mentioned here, and in these cases the care and judgment of the inspector comes into play. Another good point to observe is the prevention of accidents by removing the cause before the accident occurs. If a pole is so located as to be liable to cause an accident, it should be taken care of.

The ancient motto: "An ounce of preventative is worth a pound of cure," can nowhere be more appropriately applied than in making telephone inspections or repairs.

Another good point to be observed is looking out for proposed construction of new buildings, or bridges which may affect our lines. Knowledge of such proposed work may enable us to prepare for it ahead, and also enable the work to be planned so it can be taken care of in connection with other work, and thereby



A. E. JOHNSON.

avoid additional expense. This proposed work may be weeks or months ahead, but knowledge of its exact nature may prevent the necessity of one or more expensive trips.

The motto "Do it now" cannot always be applied, but very often, if properly



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- Wells Fargo & Company Express Harrison 8051

AS OTHERS SEE US.

used, it would save time and expense. In many instances the men on the ground may see something that ought to be done, something which he could do if he would just exert himself a little, but he will say, "Oh, I will come out some day next week, and look after that. This is time and expense wasted and should be guarded against always. The aim should be "Never to make two trips when one will answer just as well."

All talk, or even gossip, regarding the construction of other lines, whether telephone or power lines, should be reported to the superior officer at once. It may only be a rumor, but on the other hand it may be very important, and mean a great deal to us.

Here is just a word to toll repairmen, and foremen of repair gangs: Nothing in the way of scrap wire, iron hoops, bird cages, umbrella frames, tin palls, dippers, bed springs, old baby buggy wheels, old rope, or anything that can be thrown up into the wires by the small boy, should be left along the line. Junk of this kind should be buried or hidden in a safe place. By removing the articles, you also remove the temptation from the lads to throw them into the wires.

Teachers of public schools in rural districts especially should be requested to explain to the children the extent of damage they are liable to cause by breaking insulators. There was a certain section of line where it was impossible to keep in the glass. It was just between a school and a gravel pit. The thoughtful repairman made a call at the schoolhouse, and rapping timidly at the door, was admitted by a very attractive little lady. Removing his panama, he made a sweeping bow, and after he had gotten a grip on himself, made known his errand, stating that he had driven nine miles to put on some of those little glasses, in order to clear the line of trouble. She told him she had been very much inconvenienced in trying to talk home from her boarding house the previous night. Like a thoughtful man he told her this was the cause of her trouble. She stated she had seen the boys throwing stones at the glasses, but was not aware it caused so much trouble, but she would take pains to explain it to them, and would also take pains with the next boy whom she caught doing it, and from the manner in which those glasses were strictly left alone thereafter she evidently kept her word.

Constant vigilance on the part of everyone on the job is the secret of successful maintenance, not only of the toll lines but of every part of the telephone plant. Every employe should feel the same interest in the plant that he would if it were his own property, and should take the same pride in its appearance and usefulness. A telephone plant is not different from a great piece of machinery, the life of both being greatly prolonged by proper care.

Why Say Either

The man glared at the telephone. He would fain relieve his mind, but there were ladies present. "Why," he at length exclaimed ingeniously, "should I say 'hello,' when the reverse is true?"—*Lippincott's Magazine*.

Rooster Whips Lineman

Attacked and spurred by a big rooster, a Hoquiam (Wash.) line man for the Pacific Telephone and Telegraph Company is seeking compensation from the industrial insurance commission.

Typhoid Fever

By Dr. Alvah H. Doty.

Typhoid fever is one of the most common and widespread of the infectious diseases, yet there is no malady which is more preventable if proper means of protection are employed.

The cause of typhoid fever and the means by which it is transmitted from one person to another is not quite clear in the public mind and it is largely for this reason that health officials do not receive more general and satisfactory co-operation in the prevention of this disease.

Typhoid fever is caused by a certain organism or germ which is present in no other disease; just as the tubercle bacillus is found only in tuberculosis or consumption.

It is commonly believed that typhoid fever may be due to sewer gas, decomposed and filthy matter, emanations from swamps, etc.; there is not the slightest truth in this belief, for these conditions cannot generate or produce germs, although they may furnish rich nourishment for their support and growth. It is well to remember this for the various fallacious theories on the part of the public regarding the origin of infectious diseases lead to much unnecessary worry and anxiety and also distract attention from the true cause of these affections.

The germs of typhoid fever enter the body by the mouth, largely through the medium of food and drink; also by the hands of those who have come in contact with infected matter in connection with this disease. The typhoid germ selects the intestinal tract for the seat of its activity and propagation and although other discharges from the body may transmit infection it is the intestine which is the usual breeding place for the organisms of this disease and it is contaminated discharges from this source that directly or indirectly convey typhoid fever from one person to another.

Water and milk are regarded as common media of infection. The water supply of a town or city is often drawn from a river or lake which may be contaminated by typhoid germs which reach these bodies of water in sewerage or waste matter; not infrequently serious outbreaks of typhoid fever occur as a result of this infection. Typhoid fever may also be contracted in the country through the medium of infected water, although no general water supply or sewerage system exists. The discharges from a person suffering from this disease may be deposited in a privy vault which is used for the reception of human excreta. These vaults usually leak and their contents, sometimes containing infectious germs, may escape through the ground into a nearby well, and the water becoming infected may transmit typhoid fever to those who use it for drinking purposes. Typhoid fever is so commonly found in rural districts that there is good reason to believe that the unsanitary conditions referred to are to a considerable extent responsible for its presence in these places. It is also fair to assume that these primitive and unsanitary arrangements for the disposal of waste matter in the country have in the past been accountable for milk infection, for the home and stable of the dairyman were not often kept clean and wholesome and but little attention was given to the care of the cattle or the disposal of waste matter and milk infection naturally followed. Now both municipal and state laws call for a rigid examination of dairies at frequent intervals, and

sanitary regulations are strictly enforced.

Oysters are supposed to be a common medium of infection in typhoid fever by being bred in water contaminated with sewerage. While there is practically no doubt that this may sometimes occur, the danger from this source is exaggerated and need not worry those who are fond of this very palatable form of nourishment, although oysters should be purchased from reliable dealers or eaten in places where there is reasonable evidence that they have been carefully selected.

It has long been known that certain infectious diseases, for instance, typhoid fever and tuberculosis, far oftener affect persons who are in a debilitated condition than others who are in good health, and it has been the belief of those who have given this subject careful study that we often harbor within our body infectious germs which cause no symptoms of disease or ill health, due to a resistance on the part of the tissues of the body which holds these organisms in subjection until they can be destroyed. Full confirmation of this belief has been presented within recent years, for it has been conclusively proven that this condition commonly exists, and that persons known as "carriers" hold within their body infectious germs in an active condition, and although they themselves present no symptoms of disease, they may infect others through the medium of the organisms which they contain. Unfortunately "carriers" are not usually detected unless an extended examination is made to discover their presence; however, this is resorted to during outbreaks of infectious disease, particularly among employes of dairies where it is suspected that the milk supply is contaminated.

What has already been said in this article is intended to more fully emphasize the very great value of preventive measures in protecting ourselves against typhoid fever. We have learned that if the body is kept in a good healthy condition we may often prevent the serious effects of the typhoid germs after they have entered the system; this is not difficult to maintain and it more than repays those who carefully observe the rules of personal hygiene.

It has been shown that outbreaks of typhoid fever among soldiers in the field do not usually occur until the men have become exhausted from mental and physical strain, loss of sleep, insufficient nourishment, etc., for then the resisting power of the body being much enfeebled offers but little opposition to the activity of the infectious germs which may have lain dormant in the body of some "carrier" or may have been introduced through the medium of unrecognized or mild cases. It is true that there are other potent reasons for the extension of typhoid fever under these circumstances, such as bad sanitary conditions, overcrowding, etc., but it is the weakened or impoverished condition of the system which plays a very important part in the prevalence of infectious diseases where large numbers of persons are brought together.

In addition to the proper care of the body in the prevention of typhoid fever, due consideration should be given to the condition of the water and milk supply. Those living in cities or large towns are relieved of any special action in this direction, for municipal governments have this matter under the most careful observation and promptly warn the public of any evidence of infection and indicate what course shall be followed in protecting against possible danger from this source. Until this occurs there is no

cause for worry or for the use of bottled waters, which is a common and uncalled for practice. In the country where there is no general or common water supply individuals should carefully investigate the character of water they are using for drinking purposes. Information regarding this may be obtained with but little trouble, for as a rule public laboratories examine and report upon the condition of specimens sent to these institutions, and without charge. While this investigation is being made only boiled water should be used for drinking purposes if there is any suspicion of contamination.

It is a common practice among those who make a day's excursion into the country during the summer months to drink freely of well water, which is usually clear and cold. This is unsafe, particularly if the well is not in use. Water from these sources should not be drunk unless there is reasonable evidence that it is not contaminated.

There is good reason to believe that the fly may act as a medium of infection in typhoid fever, particularly in the country, for its favorite breeding place is the stable; it lives upon filth and is always found in and about the privy vault and in instances where the latter contains the germs of typhoid fever, infection may be carried to food stuff in the house upon the feet of the flies. This may to a great extent be prevented by strict cleanliness about the premises; no exposure of manure and the use of screens, particularly about the home, privy house and vault.

This article will have accomplished its purpose if it impresses upon the reader the fact that much can be done by the individual in protecting against typhoid fever as well as other diseases by the proper care of the person and the observance of proper sanitary regulations.

If Iron Should Become Non-Magnetic

Professor J. A. Fleming, the well-known English scientist and electrical engineer, tells what would happen if iron should lose its magnetic properties.

If iron should suddenly become non-magnetic, by some freak of nature, without otherwise losing its mechanical properties, our modern civilization would collapse. Crowds would go, as usual, to their railway stations, metropolitans, tubes and main lines, only to discover that no electric trains are running. The generators at the supply stations would all have ceased to act. Officials would frantically endeavor to find out why the current was cut off, but all telephones and telegraphs would be dead. No electric light could be obtained, no electric bells rung by current from generators; no taxicabs or motor buses could move, because their magnets, for the same reason, would be perfectly useless. No main-line trains would run, because all signals would be unworkable.

No anarchist, in his wildest dreams, could imagine a more complete knockout blow dealt to our civilization than would thus be effected. Darkness, starvation and unemployment would, in one month, reign in all great cities. All shipping would be sealed up in port, or lost on the high seas, because the compasses had ceased to direct. Factories would be idle and electric power supply cut off at the source. All business would be arrested. Truly, the losing of iron of its magnetic properties would be a great calamity.

Telephones for the Millions

Burton J. Hendrick in *McClure's Magazine* for November.

Unquestionably, the telephone is the greatest industrial and commercial achievement of the American people. Our accomplishments in railroads, steel, oil, agriculture and general manufacture loom large in our imagination; these, however, when measured by originality, daring, resourcefulness, energy and courage are almost insignificant compared with what we have done with the telephone. Even from the standpoint of commercial morality, the telephone is a credit to America. We can not point to a single "swollen" fortune that the telephone has made. Congressman Lewis, the leader in the fight for government ownership, and a severe critic of the Bell Company, freely acknowledges that that corporation has no watered stock.

Statisticians commonly arrange their telephone figures in two classes: The United States and—the rest of the world. This country contains nearly all of the telephones in existence; to be exact, about seventy per cent. We have 10,000,000 telephones; Canada, Central America, South America, Great Britain, Europe, Asia and Africa all combined have only about 4,000,000. In order to make an impressive showing, however, we need not include the backward peoples; a comparison with the most enlightened nations emphasizes the same point. Thus New York City has more telephones than six European countries taken together—Austria-Hungary, Belgium, Norway, Denmark, Italy and the Netherlands. Chicago, with a population of 2,000,000, has more telephones than the whole of France, with a population of 40,000,000. Philadelphia, with 1,500,000 people, has more than the Russian empire with 166,000,000. Boston has more telephones than Austria-Hungary; Los Angeles more than the Netherlands, and Kansas City more than Belgium. Several office buildings and hotels in New York City have more instruments than the kingdom of Greece or Bulgaria. The whole of Great Britain and Ireland has about 650,000 telephones—about 200,000 more than the city of New York. This modern necessity has not yet penetrated some of its most venerable institutions. There is not a solitary telephone in the Bank of England! Only a few English hotels have instruments in all the rooms; one still pushes buttons for water, valets and maids.

Americans, however, by constantly using the telephone, have developed what may be called a sixth sense. They can project their personalities over an almost unlimited area. In the United States the telephone has become the one all-prevailing method of communication. The European writes or telegraphs; the American more frequently telephones. In this country the telephone penetrates to places which even the mails never reach. The rural free delivery and other forms of the mail service extend to 58,000 communities; our 10,000,000 telephones encompass 70,000 communities.

Whatever attitude one may have toward corporations, here at least is an astounding fact: That there is one telephone in the United States to every nine persons; that every other farm-house from the Atlantic to the Pacific contains at least one instrument. As a masterpiece of engineering, inventive skill and corporate management, the world has nothing comparable with this achievement.

Everywhere, twenty years ago, the crudest methods of telephone construction prevailed. Like the telegraph, the telephone economically used only one wire—the circuit was completed by the ground. This "grounded circuit produced maddening complications. It picked up not only the human voice, but all the murmurs, squeaks and rumblings that go on in the earth. Now there are two separate wires in every circuit, and all the extraneous noises have disappeared.

The switchboard then would scarcely know its successor of to-day. For nearly thirty years the Bell Company has been scrapping switchboards. The engineers have designed improvements in such rapid succession that one contrivance seemed to follow another into oblivion almost before the varnish was dry. The present contrivance, which enables the operator to put a subscriber in touch with 9,600 circuits without leaving her seat, seems almost the final word; the Bell Company has invested \$20,000,000 in it.

A Penniless Serb Who Became a Great Telephone Inventor.

One other invention has done almost as much as the switchboard in extending the telephone. This has had as romantic a life as its discoverer. The newspapers to-day are filled with the fiery exhortations of a distinguished Servian patriot—Michael I. Pupin. Most newspaper readers know this man only as the honorary consul of Servia at New York, as the supposed instigator of plots against the Hapsburg dynasty, as one of the numerous exiles whose appearance on Austrian soil would unquestionably mean his immediate arrest. Probably most people wonder why the Austrian government treats Mr. Pupin with such respect, why the Austrian ambassador finds it necessary to reply to almost every Pupin interview. The reason is this: Mr. Pupin, a professor at Columbia University, is one of the greatest of American scientists and inventors. He is the man chiefly responsible for the recent growth of the long-distance telephone. Without his work the New York-Denver and the New York-San Francisco line could never have been built. A single Pupin invention has made possible our modern long-distance service. And Michael Idvorsky Pupin splendidly illustrates what American opportunities can do for a European immigrant. As a boy, he arrived at Castle Garden merely a friendless member of the "horde" then beginning to pour in from southeastern Europe. He was a Serb of Hungary—a scion of a "backward and inferior race"—a representative of those Slavic peoples which, we have been told, can add nothing to American civilization. In his early days, according to tradition, Mr. Pupin obtained employment as a rubber in a Turkish bath. But the American educational system transformed him. He was graduated from Columbia in 1883, and afterward studied extensively in Germany.

The new subject of electro-mechanics absorbed him. In particular, he became interested in a telephone problem that had bothered the greatest experts for years. One thing had prevented the extension of the telephone; that was the size of the wire. Long-distance lines, up to 1900, demanded wire about an eighth of an inch thick—as thick as a fair-sized lead-pencil. The New York-Chicago line, built in 1893, consumed 870,000 pounds of copper wire of this size. The enormous expense stood in the way of any extended development. The same thickness also interfered with cable extension. Wires

placed under the ground lose an enormous amount of their energy; the same wire strung overhead will carry about a hundred miles to one mile if placed underground. In the early cables, therefore, the underground wires had to be very thick. Only about a hundred wires could be squeezed into one cable, against the 1,800 now compressed in the same area.

About 1900 telephone progress was marking time, awaiting the arrival of a thin wire that would do the work of a thick one. The importance of the problem is shown by the fact that one-fourth of all the capital invested in the telephone has been spent in copper. Professor Pupin, by solving this problem in his quiet laboratory at Columbia University, won the greatest prize in modern telephonic art. His researches resulted in the famous "Pupin coil," in the expedient now known as "loading." When the scientists attempt to explain this they have to use all kinds of mathematical formulas and curves—in fact, they usually get to quarreling among themselves over the points involved. What Professor Pupin has apparently done has been to free the wire from those miscellaneous disturbances known as "induction." All kinds of influences are warring upon the electric current to deprive it of its strength. Under his system, coils, placed at regular intervals along the wires, absorb this induction, and leave the wire free to do its work. A piece of copper a sixteenth of an inch thick, therefore, does as much as the monster that was formerly required. This invention has resulted in economies that amount to tens of millions of dollars.

Millions Spent on Advance Equipment.

These and other engineering triumphs largely explain the widespread use of the telephone in the United States. Even more, perhaps, does the policy of the Bell Company account for it. This corporation has always been militant, aggressive. It has its salesmen everywhere, pushing its business in all the large cities and in the country districts. While, in Europe, there seems to be an almost conscious attempt to discourage telephone users, the Bell Company spends millions every year advertising its wares. In one respect, the corporation has an unparalleled history; that is in the way it prepares for the future. Our railroads are usually behind in equipment; an enormous increase in crops and business commonly finds them seriously handicapped for handling it. But the telephone company is building years ahead. Its engineers are always anticipating future demand. At the present time, for example, the telephone business takes about 400,000 new poles a year. It has no particular difficulty in getting this material now; twenty or thirty years hence, however, the supply may be exhausted. Already, in anticipation of a possible famine, the engineers are experimenting with concrete and other substitutes.

Perhaps the most interesting telephone department is that which concerns itself with "fundamental studies." It employs a staff of statisticians and engineers whose business it is to survey the field and determine the probable telephone demand through a series of years. This staff considers everything; the records of traffic already handled, its annual increase, the growth in population, its character, wealth and so on. Take, for example, the hardest telephone problem of all—the city of New York. The "fundamental studies" department has gone over New York and the surrounding country in the minutest detail. It examines the birth rate, death

rate, immigration statistics and other details; and so appraises in general the population of 1930. It must also determine in what direction this population will grow: what will be the large residential, tenement and business districts; where will be located the great hotels, apartment-houses and office buildings. According to these Bell "fundamental studies," New York will have a population of 8,000,000 in 1930. It will need 2,142,000 telephone stations—nearly four times what it has now—and 109 central offices. Moreover, the statisticians have decided, within the limits of human fallibility, where they will have these stations. They have selected the sites for the new central offices, plotted the new subways and cables and have even estimated the size of the proposed switchboards.

The company constructs for the future, year by year, according to these forecasts. It has tens of millions invested in equipment laid down in anticipation of the demand and immense capital apparently—but only apparently—lying unused. This explains why American facilities, unlike those of other countries, are always "ready to serve."

With the Rotarians

At the meeting of the telephone section of the Rotary Clubs at Houston, Texas, recently, government ownership and the relation of the telephone company to the public were discussed. The following recommendations were offered:

That each telephone representative in the various Rotary clubs of the United States take occasion to present to his fellow members all the available facts in meeting the fallacy of government ownership.

It is held that the interest of the whole citizenship depends upon the standard of efficiency necessary in maintaining satisfactory means of communication, and that this standard of efficiency cannot be attained in an undertaking of such magnitude as is required to satisfactorily serve the general public in this country, with means of wire communication, under the usual governmental routine.

It is further held that as good citizens, the obligation rests upon us to make plain all the conditions as they apply to the public interest, attendant upon the theory of government ownership as advanced.

Rotarian A. M. Ramsay of the Chicago Telephone Company was chosen chairman for the coming year.

Good Work at Woodstock

About 5 p. m., October 19th, a Woodstock, Ill., subscriber called the exchange and said: "Give me the police quick, my horse has run away and my little girl, three years old, is in the buggy." The chief operator turned on the police signal and in a few seconds a policeman was informed of the runaway and what direction the horse had taken. Following the information given him, he ran and succeeded in stopping the horse just in time to avert a collision with another rig containing women and children. The little girl of three was thrown to the street but not seriously hurt. Later the subscriber called in and thanked the operators many times for the quick service and said that they were always "kind and obliging."

One System for Marietta

Joint committees of the Merchants' Association and Board of Trade of Marietta, Ohio, are cooperating in an attempt to bring about a merger of the two competing telephone systems in that city.

Tax Conference at Denver

By M. F. Looby.

The Eighth National Conference on Taxation, under auspices of the National Tax Association, met at Denver, Colo., beginning September 8th. Delegates numbering 200 were in attendance.

Many problems of taxation were discussed during the conference. Among the more interesting were the discussions on: "The Federal Income Tax Law," "Taxation of Foreign Corporations," "Taxation of Securities," "Taxation of Public Service Corporations."

Among the delegates were many distinguished in their own states for their knowledge of taxation and government problems, the majority being members of state tax commissions and tax agents of corporations.

The following representatives of the Bell Telephone organizations were in attendance: A. E. Holcomb, American Telegraph and Telephone Company, New York; F. L. Devereaux, American Telegraph and Telephone Company, New York; J. S. Wiley, New York Telephone Company, New York; F. Beatty, New York Telephone Company, New York; M. F. Looby, Chicago Telephone Company, Chicago; H. W. Paddock, Central Union Telephone Company, Chicago; O. B. Mitchell, Southern Bell Telephone Co., Atlanta, Ga.; S. E. Hamer, Mountain States Telephone Co., Denver; A. G. Kraus, Mountain States Telephone Co., Boise, Idaho; Floyd Walpole, Mountain States Telephone Company, Denver.

After the conference the Denver representatives entertained the delegates with automobile trips around Denver and vicinity. Special mention is made of the trip to the "Summit of the Continental Divide." It is difficult to determine what was in the minds of the committee on arrangements when this trip was suggested, but someone said it was for the purpose of enlightening the delegates as to the height of taxes on "Corona." Whatever the taxes might be 11,600 feet above sea level, the luncheon of "mountain trout" and "wild game" served at that height was certainly appreciated.

The pleasure expressed by the visitors at the delightful scenery through which we passed, reminded me of Pliny—"We neglect the things which are placed before our eyes, and regardless of what is within our reach, we pursue whatever is remote." In other words, "see America first."

Telephones for Harvard's Stadium

Using the telephone as an aid in managing athletic contests is an innovation recently put into effect at the New England intercollegiate track meet held in the Harvard Stadium at Cambridge, Mass.

A complete magneto telephone system has been installed consisting of a number of No. 1317 type Western Electric telephones. These are placed on wooden poles at various vantage points on the field, at the finish of the mile, the straightaway mark, the start of the 220 and 100-yard dashes, and in the press stand. The telephones are provided with leather carrying straps so that they can be readily carried to the field house at the termination of a meet. Twisted pair copper clad wire fastened to the top of the rim board running around the track makes it possible to connect the telephones at practically all points on the field.

Did You?

Did you give him a lift? He's a brother man,
And bearing about all the burden he can.
Did you give him a smile? He was down-cast and blue,
And the smile would have helped him to battle it through.

Did you give him your hand? He was slipping down hill,
And the world, so I fancied, was using him ill.

Did you give him a word? Did you show him the road,

Or did you just let him go on with his load?

Do you know what it means to be losing the fight,

When a lift just in time might set everything right?

Do you know what it means—just a clasp of a hand,

When a man's borne about all a man ought to stand?

Did you ask what it was—why the quivering lip,

Why the half-suppressed sob, and the scalding tears drip?

Were you brother of his when the time came of need?

Did you offer to help him or didn't you heed?

—Collins Lodge Bulletin.

Reputation Preceded Him

The following interesting experience was enjoyed by D. H. Morris, district commercial manager, and C. H. Temple, district plant chief, at Columbus, Ohio, on a visit to the Canal Winchester exchange.

Mr. Morris, Mr. Temple, and Charles Miller, manager of the exchange, were inspecting the outside plant and were overtaken by a thunder-storm about 6 p. m., so decided to take dinner in Canal Winchester. Mr. Miller called up the proprietress of the hotel and the following conversation took place:

Mr. Miller: "Mrs. Blank, this is Mr. Miller talking to you."

Mrs. Blank (breaking in): "Good heavens, Mr. Miller, I have no money to-day. Can't you let that bill go until tomorrow?"

Mr. Miller: "I didn't call about the bill, Mrs. Blank. I wanted to know if you could feed three people tonight."

Mrs. Blank (laughing): "Sure thing, come right along."

The men having enjoyed an exceptionally good meal, proceeded to pay Mrs. Blank, who in turn handed the money over to Mr. Miller in payment of her telephone bill. Thus everybody was happy and all claims adjusted. Mr. Miller enjoys an enviable reputation as a collector and withal is very popular with his subscribers.

She Found Him

The long-distance operator at Washington, Ind., was recently asked to locate a man for an important message. When she inquired as to where he could be found she was told to send a messenger for a man who answered the following description: Wearing light blue suit, straw hat, black grip in hand, selling clothes brushes, aged nineteen and a handsome looker. The messenger, armed with this description, located the party wanted in about an hour and the call was completed.

Department of Sports and Receptions

Doings of Telephone People in the Field of Athletics and Pastimes.

Young Ladies' Tennis Tournament

Agnes E. Long, a clerk in the Central installation division of the Chicago plant department, won the telephone tennis championship of Chicago. Her opponent in the finals was Mildred Noyes, an Edgewater operator. The deciding sets were played on the roof court on top of the headquarters building at noon, Tuesday, October 20th.

The two young ladies were the survivors in a tournament started September 18th. Eighty players were entered. This number was reduced to thirty-two in the qualifying rounds. The matches were played on the main roof, the two courts at Oakland office and the single courts at Austin, Douglas and Edgewater and at Hamilton Park.

The victory of Miss Long came as the logical culmination of a thoroughly consistent performance through all the preliminary rounds, wherein she disposed of her various opponents with comparative ease. Miss Noyes, the runner-up, however, did not prove easy. The first set of the finals went to seven games. The second was won six-four.

It was a traffic crowd which witnessed the concluding matches on the sunny day of the finals. Miss Noyes had the crowd



MR. LARNED PRESENTING FIRST PRIZE TO MISS LONG.

The fourth round, which preceded the semi-finals was marked by one contest which required a third set. Honors finally went to Miss Boehm, who defeated Edith Latus, of Austin, 6-4, 4-6, 6-2. In this round Miss Noyes defeated Helen Jacobson, of Austin, 6-0, 6-0. Miss Long won from Elsie Harrison, of Toll, 6-1, 6-0. Miss Kennedy defeated Lillian Sullivan, of Oakland, 6-1, 6-1.

Following is a complete list of entrants in the tournament.

- E. Latus.....Austin
- M. Babst.....Austin
- G. Maloney.....Austin
- N. Smith.....Austin
- I. Miller.....Austin
- M. Noyes.....Edgewater
- I. Smith.....Edgewater
- M. Merringer.....Edgewater
- H. Helm.....Edgewater
- H. Anger.....Austin
- I. Keelson.....Austin
- G. Sullivan.....Austin

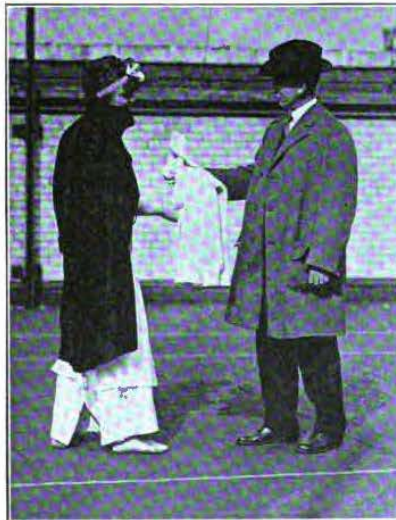


PHOTOGRAPH SHOWING "GALLERY" AT CHICAGO TENNIS FINALS.

with her and many were the cheers of encouragement she received as she fought pluckily against her methodical adversary. "At a girl!" "That's bully!" "Rah, rah," and similar bursts of enthusiasm punctuated the play as the rubber spheres flew before the well directed strokes. Miss Long, however, was steadier and her perfect sang-froid never deserted her even when her brilliant opponent scored three love in the first set. Endurance and coolness finally brought victory. The overhead wire netting necessary on account of the location of the court, bothered Miss Noyes considerably but did not seriously affect Miss Long, whose game was, as a rule, played lower.

At the conclusion of the play, General Traffic Superintendent S. J. Larned presented the prizes, handsome white sweats, to each of the two contenders in the finals. These had been contributed by Mr. Larned and General Manager W. R. Abbott.

The semi-finals, played a few days before the finals, developed one good contest, that between Miss Long and Marie Boehm, of the American Telephone and Telegraph Company. The second set went to eight games before the conclusion. Miss Noyes defeated Bertha Kennedy, of West Pullman, 6-1 and 6-2.



MR. LARNED PRESENTING SECOND PRIZE TO MISS NOYES.

- E. Harrison.....Toll
- M. Holway.....Toll
- I. Mau.....Main
- M. Meyers.....Yards
- M. Belter.....Main
- A. Corrigan.....Main
- V. Ruswick.....Main
- D. Donn.....Main
- R. Nelstrom.....Main
- C. Flannery.....Main
- A. Bonsch.....Main
- L. Troike.....Main
- H. Gehring.....Main
- E. Hennessey.....Wabash
- M. McGrath.....Wabash
- M. Henderson.....Wabash
- M. Huhle.....Main
- J. Mathy.....Main
- M. Veit.....Main
- A. E. Long.....Plant Dept.
- G. Holmes.....A. T. & T. Co.
- M. Holmes.....A. T. & T. Co.
- R. Forbes.....A. T. & T. Co.
- E. Hill.....A. T. & T. Co.
- M. Bism.....A. T. & T. Co.
- A. Marschand.....A. T. & T. Co.
- R. Porks.....Monroe
- M. Ziellinski.....Monroe
- K. Murphy.....Canal
- M. Shea.....Canal
- M. Mc Nerney.....Canal
- M. McManus.....Canal
- H. Hodgson.....Superior
- L. Frost.....Superior
- M. Coyne.....Superior
- J. Moeller.....Superior
- J. Riddington.....Stewart
- C. Quinn.....Stewart
- E. Edwards.....Stewart
- M. Lockman.....Stewart
- B. Kennedy.....Beverly
- M. O'Connor.....Calumet
- E. Westman.....Calumet
- M. Abernethy.....Calumet
- E. Langan.....Calumet
- E. Cieske.....Calumet
- H. Macara.....Calumet
- R. Shaw.....Hyde Park
- M. Troy.....Hyde Park
- E. Cargill.....Hyde Park
- E. King.....Hyde Park
- E. Hand.....Hyde Park
- M. Dritt.....Hyde Park
- B. Stone.....Hyde Park
- G. Flannery.....Hyde Park
- K. O'Brien.....Hyde Park
- C. Kirt.....Hyde Park
- S. Clausen.....Oakland
- M. Eager.....Oakland
- E. Bowman.....Oakland
- L. Sullivan.....Oakland
- D. Meehan.....Yards
- B. Stupka.....Yards
- R. Spvche.....Yards
- B. O'Mara.....Yards
- J. Gilmore.....Yards
- N. O'Shea.....Yards
- O. Nondfell.....Yards

Suburban Division Bowling

The official tournament, now under way between picked teams from the several departments in the Bell Telephone Bowling League, has developed a supplemental contest in the Chicago Suburban division, that promises warm rivalry for the future. The regular team, captained by L. M. Larson, is known as the "Inlaw" club to distinguish it from the "Outlaws" or irregulars. Several contests have already been held and fortune has wavered between the two teams. Outlaws won the deciding game by one pin in a recent series. Several bowlers from the field have offered their service to the Outlaws, while the Inlaw team has strengthened its line. Players on the Inlaw Team are as follows: Captain, L. M. Larson, P. J. MacLindon, Joseph Arndt, A. L. Simpson, E. Krafft, W. B. Kingsbury.

The Outlaw team consists of B. A. Pratt, general manager; W. B. Kent, captain; R. C. Luepke, director; E. B. Scott, general counsel; O. W. Krueger, secretary and treasurer; A. S. Sailor, naval attache; E. G. Lisle, stock man; O. A. Krinbill, anchor; J. C. Wylie (otherwise known as "Hurricane Jess"), strike art-

ist; J. H. Conrath, spare king. Games are played at irregular intervals at Bensinger's Alleys on Saturday afternoons. (Editor's Note.—Any commercial man who can average not less than 113½ may try for a place on the Outlaw team, if application is first made to the captain or general manager of said team.)

Bell Telephone Bowling League

STANDING OF THE TEAMS,
October 29, 1914.

| Team. | Won. | Lost. | Per cent. |
|---------------|------|-------|-----------|
| Construction | 13 | 3 | .857 |
| Commercial | 17 | 4 | .810 |
| Installation | 15 | 6 | .714 |
| Supply | 14 | 7 | .667 |
| Maintenance | 13 | 8 | .619 |
| Revenue | 13 | 8 | .619 |
| Const. Supt. | 11 | 10 | .524 |
| Subn. Coml. | 9 | 12 | .429 |
| Traffic | 8 | 13 | .381 |
| A. T. & T. | 8 | 13 | .381 |
| Plant Acctg. | 7 | 14 | .333 |
| Engineers | 6 | 15 | .286 |
| Disbursements | 6 | 16 | .232 |
| Collectors | 3 | 18 | .143 |

The Bell Telephone Bowling League of Chicago has reached regular mid-season form and the pins at Bensinger's fall apace each Thursday night. The Construction team still holds first place, but has toppled from the proud position of perfection indicated by its previous 1,000 score.

Hanson, of the Installation team, has posted a record for one game which, it is predicted, will stand for some time unless someone performs a miracle. The game was a 267, topping the previous record for the present season, 258, held by Welch of the same team.

Bell Telephone Chess and Checker Club

The Bell Telephone Chess and Checker Club of Chicago has finished its first or summer tournament and opened a winter tournament which will occupy the next few months.

K. B. Allured, of the central engineering department, won the chess championship of the club and L. E. Beardsley took honors in checkers. These honors are, however, subject to results of the winter tournament now in progress.

The challenge of the Roseland Chess



A. T. IRWIN.

Recently Elected President of the Bell Telephone Chess and Checker Club of Chicago.

Club, a south side organization, was accepted and the match was played off in the club rooms of the Telephone Building on the night of October 27th. The Roseland club sent eleven men. The score at the finish was eight to three in favor of the visitors. Of the telephone team, C. R. Kolkow, C. S. Smith and F. E. Cahow alone were winners. The outcome, however, was not unexpected, as the Roseland club is an old, established organization. A return match is scheduled for November 14th, at Roseland.

Seven chess players of the University of Chicago will meet seven telephone play-

ers in a match tournament on the night of November 7th.

At the regular meeting of the club held October 13th, the resignation of President F. E. Cahow was accepted. A. T. Irwin, editor of THE BELL TELEPHONE NEWS, was elected president for the remainder of the unexpired term.

Following is a list of the chess players and their final standings in the summer tournament:

| | Games played. | Pct. |
|-----------------|---------------|------|
| K. B. Allured | 29 | .850 |
| E. E. Hale | 28 | .787 |
| R. Shulze | 34 | .764 |
| C. F. Smith | 31 | .710 |
| C. R. Kolkow | 36 | .708 |
| O. C. Walthers | 22 | .660 |
| R. S. Handbury | 42 | .607 |
| H. E. Lynch | 39 | .590 |
| D. E. Moore | 19 | .553 |
| M. P. Brown | 29 | .552 |
| A. S. Kern | 11 | .547 |
| W. Harnacker | 21 | .524 |
| A. T. Irwin | 32 | .500 |
| E. L. Marmaduke | 50 | .490 |
| F. E. Cahow | 34 | .470 |
| H. A. Harris | 24 | .437 |
| G. F. Koeblin | 23 | .435 |
| L. A. McKee | 21 | .429 |
| E. N. Anderson | 14 | .428 |
| R. W. Heath | 27 | .408 |
| L. E. Beardsley | 27 | .364 |
| C. D. Hoover | 27 | .352 |
| O. M. Campbell | 25 | .310 |
| P. F. Zinke | 32 | .250 |
| J. A. Young | 12 | .250 |
| D. W. Malloy | 14 | .214 |
| D. W. Grover | 11 | .182 |
| H. W. Smidt | 28 | .179 |
| E. C. Teschner | 19 | .168 |
| N. Nichols | 11 | .091 |

Failed to qualify on account of playing less than ten games:

| | | |
|------------------|---|------|
| R. J. Ferris | 3 | .666 |
| C. Bass | 4 | .500 |
| J. W. Gallagher | 4 | .500 |
| W. J. Grady | 2 | .500 |
| F. A. Richardson | 2 | .500 |
| F. L. Pond | 6 | .500 |
| E. H. Glew | 7 | .428 |
| E. J. Purcell | 8 | .375 |
| L. Dinkelacker | 8 | .375 |
| A. E. Stephens | 6 | .333 |
| J. E. East | 6 | .333 |
| H. M. Goldberg | 6 | .333 |
| G. A. Erhardt | 3 | .333 |
| H. J. Biele | 4 | .000 |
| J. Smith | 2 | .000 |
| J. De Sals | 2 | .000 |

Following is a list of the checker players and their final standings in the summer tournament:

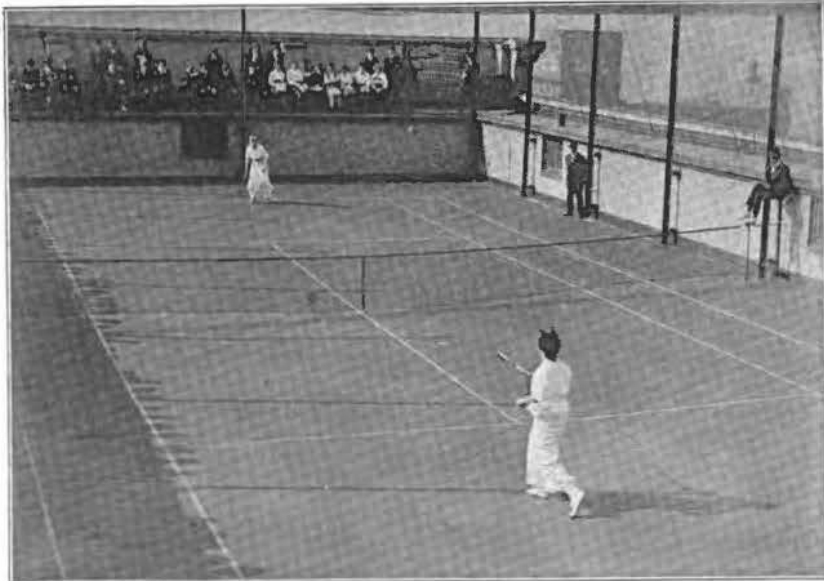
| | Total games. | % |
|------------------|--------------|------|
| L. E. Beardsley | 108 | .814 |
| H. Alexander | 108 | .787 |
| F. A. Richardson | 108 | .763 |
| P. J. Peterson | 108 | .758 |
| F. L. Pond | 108 | .731 |
| F. H. Baker | 108 | .689 |
| A. E. Martin | 108 | .666 |
| A. F. Schmidt | 108 | .643 |
| G. Singer | 108 | .638 |
| T. W. Trainor | 108 | .629 |
| B. Crow | 108 | .597 |
| W. D. Truax | 108 | .564 |
| F. Lubeck | 108 | .560 |
| C. A. Wuchter | 108 | .560 |
| A. W. Blodgett | 108 | .550 |
| H. O. Bickler | 108 | .513 |
| F. C. Fraher | 108 | .481 |
| H. D. Wilmot | 108 | .476 |
| F. L. Baldwin | 108 | .467 |
| J. M. O'Grady | 108 | .453 |
| Jos. Scott | 108 | .402 |
| J. J. Riddle | 108 | .361 |
| V. Fremi | 108 | .342 |
| Robt. Eling | 108 | .282 |
| L. R. Birdsall | 108 | .281 |
| Dan Malloy | 108 | .175 |
| G. C. Miller | 108 | .171 |
| W. C. Mielke | 108 | .166 |
| H. Thomas | 108 | .087 |

Difficult

The telephone, it is said, is not making much progress in Russia. And no wonder. Fancy a man going to the 'phone and shouting, "Hello, is that you, Dvisastkivchsmartvoiczkic?"

"No, it is Zollemschoushaffirnocknstiff-growff. Who's speaking?"

"Sezimothockerttrjuakszmzkischokemoff, want to know if Xliferomanskeffskillma-juuwchzvastowskweibeski is still stopping with Dvisostkivchsmartvoizskzi."—Cincinnati Telephone Bulletin.



TENSE MOMENT IN TENNIS FINALS.

Miss Long (in foreground) makes an unexpected return.

North Side Bowling League

North Side employes of the Chicago Telephone Company have organized a bowling league. The teams bowl every Tuesday night at the Jerome alleys, Clark, Barry and Halsted streets. North Side men curling to join may do so by calling Mr. Kuhlman at Lincoln 12023, or Mr. Bruns, at Lake View 90, after 5:30 any evening. Following is the standing of teams as of October 13, 1914:

| | Won. | Lost. | Pct. |
|-------------------------|------|-------|------|
| North Installation..... | 10 | 2 | .833 |
| North Supply..... | 9 | 3 | .750 |
| Lincoln Office..... | 6 | 6 | .500 |
| Feds..... | 5 | 7 | .417 |
| Clerks..... | 5 | 7 | .417 |
| Lakeview..... | 0 | 12 | .000 |

Detroit Traffic Games

The Detroit operators, who have been playing baseball all season, have finished their season and a post-season championship series has been played. At the time of our correspondent's report this series had not been finished.

In our next issue we hope to announce the name of the winners of the baseball traffic championship of Detroit. Twelve cups are up as prizes.

Scores of games since our last report follow:

- Sept. 12—Main, 9; Grand, 4.
- Sept. 16—Hickory, 18; Grand, 7.
- Sept. 17—Ridge, 6; Cedar, 5.
- Sept. 18—Main, 12; East, 7.
- Sept. 19—West, 9; Grand, 4.
- Sept. 25—West, 4; Cedar, 3.
- Sept. 26—East, 18; West, 16.

In the championship series, the following scores are reported:

- Sept. 29—Walnut, 21; Grand, 5.
- Sept. 29—Hickory, 17; East, 7.
- Oct. 6—Walnut, 13; Main, 10.
- Oct. 6—Hickory, 9; West, 7.
- Oct. 7—Main, 6; West, 5.
- Oct. 7—East, 20; Walnut, 17.

Booze & Co., Unlimited

"The other day," said the Boss to Tommy Tapper, "a feller I used to know back in the dark ages of this business dropped in to see me and told me a few things I'd never thought of."

Tommy looked his curiosity.

"He used to be a fierce booze fighter," the Boss went on, "and, in point of fact, we let him go for that reason."

"Cut it out, eh?" said Tommy.

"Clean," replied the Boss. "His wife made him."

"Sometimes they do," Tommy said.

"But not often in the way she did," the Boss observed. "You see," he went on, "Jim was a cuss at figures—he ate figures—one of those guys that can add up three columns at once. When he wasn't juggling figures he was crooking his elbow. Then one night, so he told me, his wife got the big idea. She'd sic the figures on Jim. And she did. They proved a few things to him that all her prayers and pleadings and tears and preaching never could have done in the world. She gave him—all in proper form—a sort of balance, after fifteen years of elbow-crooking on his part, of just what the business of Booze & Co. had done for him.

"You see, as a general thing he punished a couple of pints of beer, a pair of whiskeys and a cocktail or two a day—except on those days when he h'isted in more. Ever think of what that means? Two pints of beer a day at fifteen cents a pint equals thirty cents. Two drinks of whiskey at ten cents a throw—that's the sort of stuff Jim drank—equals twenty cents a day. A couple of cocktails on the way home at night equals another

thirty cents. Those were straight figures, she showed him. Not a word, mind you, about treats. Well, they totaled eighty cents a day. She was easy on him and averaged his 'drunks' year in and year out at twenty cents a day so's not to be bothered with decimals. And she was conservative, Jim told me. That meant 365 dollars a year. They'd been married fifteen years when she pulled that trial balance on Jim. Now 365 multiplied by fifteen equals 5,475. That's dollars. It bowled him over. He h'isted what there was left in the house and quit. That was 'bout thirteen years ago, he told me. Owns his own house now in the town out West where he lives, partner in a going business out there, and runs an automobile. Told me the only thing in the world that's worrying him is how to get back that \$5,475. Says he's just about given up hope of ever doing it. Ever take a drink, Tommy?"

"I used to," Tommy replied, "but I've quit."

"When'd you quit?" the Boss blandly inquired.

"Just now!"—Reprinted from *Our-selves*, house organ of the Curtis Publishing Company.

"Business Is Good"

Of course the electric business is good. It has been good ever since it was inaugurated; and it always will be good. But that is not the principal reference in this item. The business men of this country should remember how closely their interests are all connected and how complete is the contact of one business with others; and therefore they should avoid the attitude that President Wilson had in mind when he said that the business depression, about which he was talking long before the present European situation developed, was a psychological one. A good many smart alecks laughed at the president, and many alleged witty paragraphs were produced referring to his statement, but in more than one high place he has been acknowledged to be very largely right, or at any rate, the principle underlying his remark is acknowledged to be a true one.

"Business is good" should be the idea of every business man all the time. And if it isn't good he should realize that it is very largely his own fault and not go around complaining to other people about it, as that only spreads the idea that opportunities are not what they might be, and does absolutely no good. Conservative optimism is a business man's best policy.

If everyone in this country felt certain that everyone else was going ahead just as usual none of us would be holding back. As a matter of fact most firms are going right ahead, but curtailing expenses while readjustments are in progress. Presently we shall be going full steam ahead again and will make up for that.

So don't exaggerate your business disappointments; they are always happening, anyway. Business, on the whole, is good—and going to be better.—*Electric City Magazine*.

Who'll Get The Nickel?

The Home Telephone company got a nickel of the Bell company's money the other day when a woman dropped it in the wrong slot at the public pay station in the interurban office. She called for a number in the country over the Bell line. When she got the number she dropped the nickel in the Home com-

pany's box, and as both boxes are on the same partition and close together the operator heard the bell jingle and, supposing it was in the Bell box, permitted the connection. Now its up to Perry Anderson, R. E. Jackson and F. W. Plattenburg to get together and divide the commissions among the three companies.—*Canton (Ill.) Register*.

Thomas Rescues Cat

Skeptical of the pacific intentions of a neighbor's dog, the pet cat of an Indianapolis lady subscriber, took refuge on the top of a forty-foot pole of the Central Union Telephone Company. Plant superintendent Thomas performed a thrilling rescue (however sans motion picture machine), and restored the feline pet to its tearful owner. He returned to the office with a few minor scratches.

Chicago Telephone Camera Club

During the past summer there has been a good deal of effort expended in the cultivation rather than the cure of the various "bugs" by which employes of the Chicago Telephone Company may be afflicted. In this way those having the baseball bug, the brass-band bug and various other such parasites were brought together and organized. Those having the camera bug felt that there was no reason why they also should not have an organization for the promotion of photographic work, and so the Camera Club was organized with T. B. Lambert—whom his friends characterized as the buggiest bug of all—as president.

It was thought that it might be of interest to publish, from time to time, one or two of the best photographs which might be submitted. The privilege of entering these contests is not, of course, limited to employes of the Chicago Telephone Company. Any one throughout the five states who sends in work may compete. As a beginning of this, the BELL TELEPHONE NEWS shows this month a full page of photographs.

No. 1 is a picture of the LeConte Oak, taken by J. M. Humiston. This tree stands near the West gate of the University of California grounds at Berkeley, Cal. A Cramer crown plate was used.

No. 2 is a picture of Starved Rock near Ottawa, Ill., taken by E. S. Simmons. An Eastman non-curling film was used.

No. 3 was taken by F. S. Cloud.

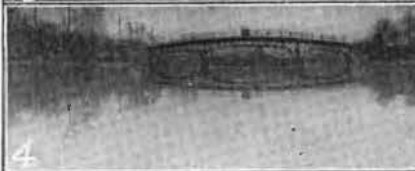
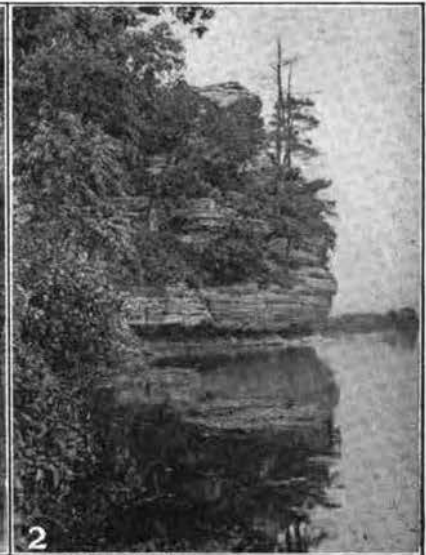
No. 4 is a picture of a bridge in Jackson Park, Chicago, taken by B. A. Cooper.

No. 5 is a scene on the Desplaines River near Chicago, taken by L. Surkamer. A Cramer medium iso-chromatic plate was used. The sun had already set when this picture was taken.

No. 6 was taken by B. V. Hill on the Tippecanoe near Rochester, Ind. A Cramer medium iso-chromatic plate was used with a ray filter.

No. 7 is an old power house near Manitou, Colo., taken by J. B. McLaughlin. An Eastman non-curling film with a ray filter was used.

There seems to have been a preference among those submitting pictures for scenes showing reflection in the water. Those in which the water was quiet show, of course, much more perfect reflections than where the water was running. During the fall and winter there should be some excellent opportunities for pictures showing autumn foliage and for pictures of snow and ice, although the latter are probably among the most difficult subjects to photograph.



PRIZE PHOTOGRAPHS TAKEN BY MEMBERS OF CHICAGO TELEPHONE CAMERA CLUB.

Of Interest to Our Girls

Conducted by Mrs. F. E. Dewhurst

An Operator's Day

The picture on this page is a reproduction of a transparency which represents in a series of pictures the different steps in the progress of the telephone operator in her day's work. The pictures first appeared at the Exhibition of Woman's Achievements at the Coliseum in May, where they attracted much attention and are now in the lobby of the Chicago Telephone Company Building. The pictures are on glass beautifully tinted and are framed in a boxed case so that electric light illuminates them from the back.

The day begins with the "Arrival," when the girls are seen entering the Exchange at 7:50 a. m. In the "Locker Room" at 7:55, they are putting away their wraps, and at 7:58 "Reporting In." "On Duty" at 8:00 o'clock shows the orderly office, the operators at the board, the day's work really begun. Two hours of service and the picture "Relaxation Period." Ten o'clock represents the rest room and girls enjoy fifteen minutes' relief. The picture above this called the "Peak of the Load," 10:15 o'clock, shows every position full, while the girls are meeting the heaviest traffic of the day, at least in the downtown offices. This period of two hours is relieved by the "Standing Period," eleven o'clock, when for fifteen minutes the girls answer their calls standing. Then comes the picture of "Lunch-noon" 12:15 p. m. This pleasant half-hour is followed by the picture "Answering Mid-day Calls," 12:45 p. m., and two more hours of service are followed by recreation period which the picture, "Fifteen Minutes Out of Doors," 2:45 p. m., represents as taken in the garden and not on the roof, as is sometimes the substitute in downtown exchanges. Then come the last two hours of the day's work. "Ready for Afternoon Rush," three p. m., shows the busy boards, and the "Standing Period" relieves the girls again at 3:20. Then comes "Reporting Out" at 5 p. m. and "Departure" 5:05 p. m.

And so the day's work is done and the series of pictures gives a good idea of the orderly day and the exchange quarters and operating rooms, in which the 6,000 telephone operators of Chicago handle 2,000,000 calls daily.

At the center of the group is a fine picture of an operator at work. "Number, Please" may almost be called a compos-

ite picture of all the telephone operators who all over the United States from thousands of exchanges, are answering "Number, Please," to the millions of calls upon her day and night. Never is that voice silent, but every day, every night, every moment of the day or night, she answers quickly to the call for service. It is a picture which personifies that unseen "Central," who by her intelligent service helps to keep the wheels of life running smoothly. This picture shows a girl who can proudly say, "I am a Telephone Girl," for she can be sure that more and more she is making friends of a host of people whom she may never see but who are gratefully acknowledging her faithful

ture, to make each day count with worthy service, nobly done.

Mother Dies Happy

Mrs. Jane Linane Comerford, a pioneer of Chicago, and the mother of Attorney Frank Comerford, died October 14th. She was seventy-four years old.

Beside Mrs. Comerford's bed was a newly installed telephone. It was put there by her orders more than a month ago, when physicians agreed the end was near. Her son was fighting at Lincoln, Ill., in the murder trial of Carl Person, labor editor. Three times a day—before the convening of court in the morning,

at the noon recess, and after the close of the day's session—the wires between Chicago and Lincoln carried the conversation of the fighting attorney and his stricken mother.

From her bed in Chicago she inquired over the telephone about each point in the murder trial. She was kept informed as to what witnesses had been put on the stand, what rulings the court had made, and how the jury seemed to be impressed with the evidence.

When the verdict was returned and Person was acquitted Mrs. Comerford was the first in Chicago to hear it. She heard it over the telephone from Attorney Comerford.

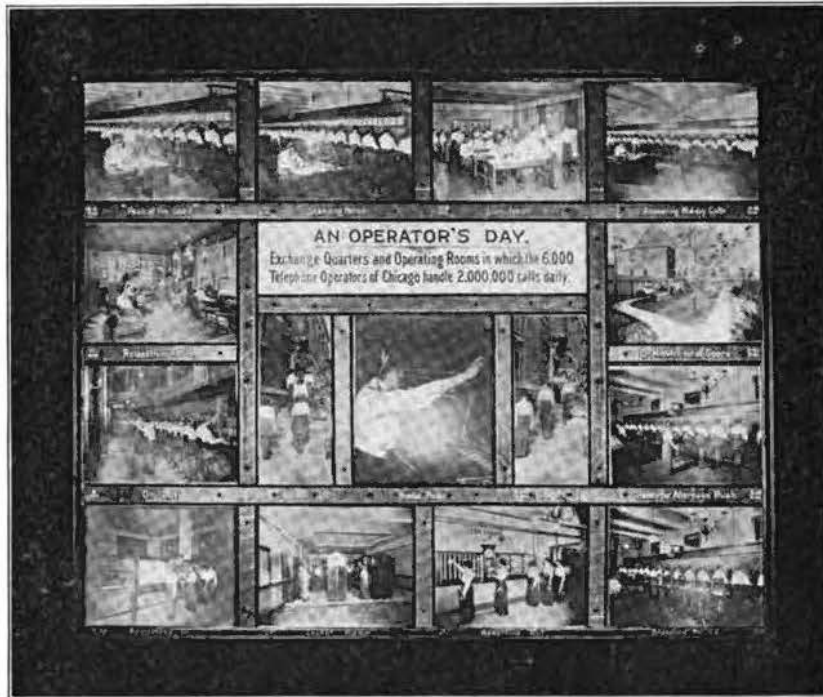
"I'm so glad, son; come home," she said over the wire.

Physicians who were in constant attendance said

that Mrs. Comerford's absorbing interest in her son's battle to free Person was what sustained her.

Girl Sticks to Post

Telephone connection between Jeffersonville and Charlestown, Ind., was halted for a short time a few days ago by a fire that for a time threatened to destroy the building in which the exchange in Charlestown is located. Grace Hughes, the night operator, stood at her post until almost suffocated. The exchange is located in a two-story building. At the rear is a frame grocery wareroom, and fire from an unknown cause started in this and had gained considerable headway before Miss Hughes detected the smoke. Instead of fleeing from the room, she began to notify the subscribers, and they sounded an alarm by ringing the bells at the churches and the public school.



AN OPERATOR'S DAY
As Shown in Attractive Transparencies in Lobby of Bell Telephone Building, Chicago.

service. By her constant courtesy, even under provocation she is winning her way and will more and more win her way as she persists in giving efficient, intelligent, courteous service.

The old quotation:
"Count that day lost whose low descending sun
Views from thy hand no worthy action done,"

can have no reproof for the operator whose day is reproduced here. What more worthy day could be spent than in patiently answering countless calls, each one of which represents some human need. She is no mechanical device, but a human being answering the call of another human being, who needs help. Sometimes it may be a call as important as the call of the drowning man for help. Who can tell how many lives the telephone girl has saved!

So "The Operator's Day" may be an incentive to every girl who studies the pic-

FOR THE GIRL WHO SEWS

SMART WINTER COAT, INCLUDING LATEST FEATURES

It is not often that one pattern can be made to serve two entirely different ends, but here is a coat that can be made with a tunic to wear over a plain skirt or without the tunic to wear over a fancy skirt and the difference is so complete that it



8438 Double-Breasted Coat, 34 to 44 bust.

scarcely would be recognized as fundamentally the same. The short double-breasted coat is much liked for the tunic skirts and for the draped skirts that still keep their place and the coat with the open tunic is one of the newest of the sort. The model, while it includes all the latest features, is eminently a simple one, for the seams to the shoulders mean easy fit.

For the medium size, the coat with tunic will require 6 yds. of material 27, 4 1/4 yds. 36, 3 3/4 yds. 44, 3 yds. 50 in. wide, with 1/2 yd. of velvet for the collar; the coat without tunic 3 1/2 yds. 27, 2 3/4 yds. 36, 1 3/4 yds. 44, 1 1/4 yds. 50.

The pattern 8438 is cut in sizes from 34 to 44 inches bust measure. It will be mailed to any address by the fashion department of this paper on receipt of six cents in two-cent stamps. Use pattern coupon on this page.

COLLARS AND VESTES ARE IMPORTANT IN WINTER

It has been well and truly said that the accessory often makes the toilet. These collars and vests are so new and smart that they give an up-to-date touch even if the remainder of the costume has seen hard service. The collars are flaring and all are high at the back, and those are two important features of prevailing fashions. The vestees show distinctively different styles and consequently are adapted to different needs. No. 1 is made with a belt to match and can be adjusted over any blouse, and completely transform it, while Nos. 2 and 3 have somewhat more the effect of chemisettes and are designed



8416 Set of Collars, One Size.

to be worn under the blouse with the revers, No. 2 turned over it. Silks and washable material, such as piqué, organdie and linen, are used for these accessories. No. 1 is also adapted to velvet. In addition to being exceedingly smart, they are very simple little trifles to make. Each requires such a small amount of material that, when home-made, the cost is trifling. To give a very dainty touch the collar and fronts of No. 3 could be embroidered by hand in some simple floral design.

To make No. 1 will be required 3/4 yd. of material 27, 36 or 44 ins. wide; to

make No. 2, 3/4 yd. any width, and to make No. 3, 1/2 yd. of any width with 2 1/4 yds. of braid for binding.

The pattern No. 8416 is cut in one size only. It will be mailed to any address by the fashion department of this paper on receipt of six cents in two-cent stamps. Use pattern coupon on this page.

FASHIONABLE BLOUSE WITH CAPE EFFECT

The cape effect makes an important feature of the season's styles. Here is a blouse that, while it really is all in one, suggests the cape idea and seems especially well adapted to the combinations



8439 Blouse with Cape Effect. 34 to 42 bust.

of materials that are so much in vogue. In the illustration, it is made of embroidered net with crêpe meteore, but there are various ways in which the idea could be carried out. The cape portion of crêpe

PATTERN COUPON

Fashion Department, BELL TELEPHONE NEWS, 212 West Washington St., Chicago, Ill.

Enclosed find.....cents in 2-cent stamps for which please send me patterns listed below:

No.....Size.....

No.....Size.....

The price of each pattern shown in this issue, to employes of the Bell System, is six cents when order is accompanied by this coupon. Write name and address, and number and size of patterns plainly. Enclose six cents in 2-cent stamps for each pattern ordered.

Name

Address

City or Town.....

State

de Chine with the remaining portion of the blouse of charmeuse satin would be pretty or chiffon would be charming in combination with any silk, or velvet could be used for the cape over such thin material as net as chiffon or over charmeuse, for all these materials are in vogue and all these contrasts are to be seen. If such materials as broadcloth and charmeuse were used, however, the chemisette and collar would be pretty of white.

For the medium size, the blouse will require 1 3/4 yds. of figured material 27 or 36, 1 yd. 44 ins. wide and 2 1/2 yds. of plain material 27 or 36, 1 1/4 yds. 44, to make as illustrated.

The pattern 8439 is cut in sizes from 34 to 42 inches bust measure. It will be mailed to any address by the fashion department of this paper on receipt of six cents in two-cent stamps. Use pattern coupon on Page 16.

YOUTHFUL FROCK IN MOYEN AGE EFFECT

Simplicity in style and cut in combination with the low waist line make the essential features of the Moyen Age Idea and this costume shows them. It is really a very smart frock, admirable for street wear in mild days, with perhaps the addition of a light shoulder wrap, and perfectly adapted to indoor occasions at all seasons. The circular tunic flares most gracefully over the narrow two-piece skirt and the two materials are combined most successfully in the body portion. Altogether the costume is youthful in effect and exceedingly smart. The materials shown here are gabardine and velvet, but



8451 Tunic Dress with Low Belt for Misses and Small Women, 16 and 18 years.

broadcloth would be handsome treated in the same way or poplin or any fashionable material, while again, if preferred, the sleeves can be made to match the body portion.

For the 16-year size, the dress will require 2 1/2 yds. of material 27 or 36, 2 1/4 yds. 44 in. wide, with 3 yds. of velvet 44 in. wide and 10 yds. of braid to make as illustrated.

The pattern 8451 is cut in sizes for 16 and 18 years. It will be mailed to any address by the fashion department of this paper on receipt of six cents in two-cent stamps. Use pattern coupon on Page 16.

ATTRACTIVE GOWN FOR OFFICE OR STREET WEAR

There are a great many attractive features in this garment but perhaps one of the most important is in the sleeves of contrasting material joined to the bodice well within the shoulders, so giving some-



8348 Gown with Kimono Sleeves, 34 to 42 bust.

thing of the Japanese effect, while the sleeves still are separate. At the moment, satin or taffeta would perhaps be the best material to combine with gabardine, but for the coming season velvet is to be exceedingly smart and the new velvets are wonderfully light in weight and, at the same time, rich and beautiful in surface.

For the medium size, the gown will

require 5 1/2 yds. of material 27, 3 3/4 yds. 36 or 44 in. wide, with 1 1/2 yds. any width for the sleeves and trimming. The width of the skirt at the lower edge is 1 yd. and 20 in. when the plaits are laid.

The pattern 8348 is cut in sizes from 34 to 42 inches bust measure. It will be mailed to any address by the fashion department of this paper on receipt of six cents in two-cent stamps. Use pattern coupon on Page 16.

KIMONO WITH FAVORITE RAGLAN SLEEVES

No sleeve is prettier than the one in raglan style. It takes becoming lines and, since it is one of the easiest possible to



8452 Raglan Kimono, Small 34 or 36, Medium 38 or 40, Large 42 or 44 bust. make, it has a double advantage. This kimono is a quite simple one with band trimming and it is as satisfactory cut off to form a sacque as it is in full length. The pretty, simple Oriental silks are favorite materials for such garments.

For the medium size, the kimono will require 6 1/2 yds. of material 27, 3 3/4 yds. 36 or 44 ins. wide, with 1 1/2 yds. 27 ins. wide for bands; the short kimono 3 1/2 yds. 27, 2 1/4 yds. 36 or 44, with 1 yd. of bands.

The pattern of the kimono 8452 is cut in three sizes, small 34 or 36, medium 38 or 40, large 42 or 44 inches bust measure. It will be mailed to any address by the fashion department of this paper on receipt of six cents in two-cent stamps. Use pattern coupon on Page 16.

Brief News Notes from the Field

Items of Interest to Bell Telephone Employees Gathered from All Parts of the Territory

Chicago City Division

Mrs. F. E. Dewhurst, B. V. Hill,
Correspondents

Canal First Again

Following is the place position of the offices for September, 1914:

Canal.....First
Beverly.....Second
Superior.....Third
South Chicago.....Fourth
Wabash.....Fifth

Canal's service record for the last few months is worthy of special note. Since April this exchange has always appeared on the honor list and the last three months stood first. Congratulations.

Thanks for Benefits

Following is a letter recently received by Secretary Mizner of the Benefit Fund Committee:

September 29, 1914.

Mr. W. I. Mizner, Secretary,
Chicago, Ill.

Dear Sir: This is just a little note of appreciation for the manner in which you have taken care of my sister, Miss _____, in a monied way, during her illness for the last five months.

I believe there are very few firms, if any, who would take such good care of their employes for the length of time that you have in the case of my sister, and you may rest assured that the Chicago Telephone Company will always receive words of praise and commendation from us.

We cannot express in words our deep gratitude to you, nor just what this money has meant to us, but — and I wish you to know that we appreciate what you have done for her and that we are indeed grateful.

You will be glad to know that — is now improving very rapidly and we believe, God willing, that she will soon be able to resume her duties at the office. Sincerely yours,

C. C. Prince Dead

C. C. Prince, of the construction department of the Chicago Telephone Company, died October 2d after an illness of four months. He was sixty-two years old.

Mr. Prince's connection with the telephone business in Chicago dates back to the organization of the Chicago Telephone Company, as such. He began work as a lineman in 1878 and held various places in the organization, finally reaching the responsible position of superintendent of outside plant. During the past few years he has been engaged in special work. He was well known, particularly among the older members of the Chicago telephone family. He was a member of the Telephone Pioneers of America.



C. C. PRINCE.



HARRIET BINMORE.

Dinner in Honor of Miss Binmore

On Tuesday evening, September 29th, a delightful dinner in honor of Harriet Binmore was given by the toll supervisors. The tables were beautifully decorated with roses and a large cake profusely ornamented was placed at the center of the guests' table.

The guests of honor were Miss Binmore's sister, Augusta Binmore, Mr. Foster, Mr. Ham, Mr. Armstrong, Mr. Haas, Mrs. Hyatt, Mrs. Moore, Mrs. Dewhurst, Mrs. Regan, Mrs. O'Hara, Mrs. Morris and Mrs. Wilson.

The menu was elaborate and delicious, and although on account of Miss Binmore's resignation there were many regrets, it still was a jolly occasion.

Mr. Ham served as toastmaster and called on Mr. Foster, who on behalf of the officials presented Miss Binmore with an immense bouquet of thirty American Beauty roses, saying that each rose represented a year and expressed the appreciation of the company of her long period of faithful service.

Mr. Ham in behalf of the toll supervisors presented Miss Binmore with an elegant cameo ring set with diamonds, the operators gave her a beautiful handbag and silk umbrella and the toll force gave her another large bouquet of American Beauty roses.

Mrs. Hyatt, Mrs. Dewhurst and Mrs. Morris responded to Mr. Ham's call for a word of appreciation and Miss Binmore replied in a few words expressing her gratitude and regret at leaving her friends and co-workers.

For thirty years Miss Binmore served the Chicago Telephone Company as operator, supervisor and chief operator, having entered the employ of the company in April, 1884. Her first employment was at an office located on Washington street near Desplaines (the only West Side office at that time). It was known as Four office. As the numbers of all stations terminating there began with 4 it would be impossible to care for more than 1,000 stations. In 1889 the Main Office, composed of three small exchanges, having been installed, Four office was added to the number. With all of its employes Miss Binmore is the only one of that particular group to remain through the years of organization and reorganization.

She remained at Main as supervisor until 1900, when, after a few months spent at West office as chief operator, she was given charge of the toll room as chief operator, a position requiring executive ability to a marked degree and Miss Binmore was chosen because she had shown fitness for it. When she took

MUSIC FOR DANCING

Orchestra, any number of pieces. Special price for telephone entertainments. Lawn-dale 4712.

the toll office the force consisted of about thirty people. At present is consists of nearly 400.

Miss Binmore has availed herself of the retirement privilege of the pension plan of the Bell System, one section of which provides for voluntary retirement of employes whose term of service has been thirty years or more.

Miss Binmore is the daughter of Lieutenant Colonel Henry Binmore, who died in 1907. Mr. Binmore was a distinguished man, being a lawyer of repute and a writer both of books of law and of contributions for various papers. During the Lincoln-Douglas debates Colonel Binmore was secretary to Senator Douglas and took down the speeches of Lincoln for Mr. Douglas to answer.

Mrs. O'Hara, evening toll chief operator, has taken the position of day chief and Miss Dwyer was promoted to evening chief.

Reunion at Lake Bluff

The 'House of Happiness' completed its first summer with a delightful reunion and Harvest Dinner, Sunday, October 25th. Invitations were sent out to all who had been there and about forty-five were able to attend. The house was trimmed with autumn leaves and cornstalks and other appropriate decorations. Upon the table were pumpkins containing fortunes or timely advice for the lover to be had by drawing the gold and black ribbons at each plate. Cakes with hidden contents brought joy or sorrow to the young ladies who found their fortune to be a wedding ring or a spinster's thimble.

A special car leaving the station at 10:30 a. m. returned at 7:25 in the evening and a very jolly party came back from the visit. All the girls were enthusiastic over the place which during the summer has proved so beneficial to them.

The house was closed on Friday following. Much credit is due to Mrs. Mellus, who proved to be not only the efficient housekeeper, but "Mother" to the girls who stopped at Lake Bluff.

Chicago Suburban Division

B. A. Pratt, Correspondent

Division Affairs

Louise Evanson, clerk of the Suburban commercial department, writes from Norway that she is unable to secure passage for return to the United States on account of the war. Early in May Miss Evanson started on what she supposed to be a three-months' visit to friends in Norway. She is unable to specify the date she will return.

C. G. Sharpe, plant superintendent of the Michigan State Telephone Company, visited the office on Monday, October 20th. Mr. Sharpe was warmly received by his former co-workers.

Ruth Peterson, stenographer for L. C. Jones, has returned to work after a six-weeks' absence on account of illness. Miss Peterson's health has been greatly benefited by her rest in Michigan.

Harley M. McDonald of the plant department was married to Marie Murphy, of La Grange, on September 28th. A two weeks' honeymoon trip was made through Wisconsin, after which they returned to their newly established home in La Grange.

On October 1st the Winnetka office of the Western Union Telegraph Company was returned to the management of the telegraph officials. This was one of the last joint offices in the Chicago Telephone Company's Suburban division.

Chief Commercial Agent R. C. Luepke, of the Suburban division, District Managers Rhoades and Corning, and B. A. Pratt, of the commercial department, spent several days at Bluff Lake, Ill., recently, assisting in the capture of a considerable quantity of cyprinus carpio. From vantage points under protecting branches near the shore they were able to supervise the work and were indirectly responsible for frequent casualties among these herbivorous members of the pisces tribe. Incessant rains prevented the quartet from depleting the game fish colony at this resort.

On Saturday evening, October 17th, Mr. and Mrs. L. C. Jones celebrated their tenth wedding anniversary at their home in Rogers Park, Chicago. To assist in the celebration they invited a number of friends from the suburban and city divisions. Mr. and Mrs. Jones were presented with a suitable anniversary gift. Those present were Mr. and Mrs. John Uprichard, Mr. and Mrs. E. B. Scott, Mr. and Mrs. R. C. Luepke, Mr. and Mrs. C. H. Kehroth, Mr. and Mrs. S. Rashman, Mr. and Mrs. J. Vranek, Mrs. Von Scoy and H. A. Mott.

J. Reiman, line supervisor in the Suburban plant department, has gained quite a reputation as a fisherman. During his recent va-

cation at Fox Lake, Ill., where he spent two weeks, he demonstrated his ability with the rod. Authorities declare that he caught forty pickered ranging from two and one-half pounds to eight pounds and one nine and one-half pound wall-eyed pike. Usually about this time of the year Mr. Reiman goes up to Fox Lake with two or three of his friends and as a rule makes a pretty good haul. The balance of the year he tells about the fish that he caught during his vacation if there is anyone that is interested enough to listen to him. This year District Plant Chief O. E. McMahon and W. Nish, chief clerk at Elgin, were members of the party. Mr. Reiman tells a number of stories about them. One of these relates that Mr. Nish and Mr. McMahon went out in a boat expecting to make quite a haul, being well supplied with bait. After being out about an hour they came to shore rather disappointed. When questioned they stated they ran out of bait. As a matter of fact, each had caught a large bullhead and both being afraid to remove them from the hooks they were obliged to row to shore and have one of their friends do it for them. Another story about McMahon is that Mr. Nish caught a large pickered and not having a landing net he called out to Mr. McMahon to grasp the fish just as he was about to pull it out of the water, but the size of the fish scared McMahon and resulted in losing it. However these stories, Mr. Reiman generally gets more and larger fish than any of the anglers in that vicinity.

William H. McFryer, district manager at Wheaton, is recovering rapidly from a severe illness which lasted several weeks.

Service Standing for September

The following list, arranged in the order of merit, includes the offices which have their local service observations taken at service observing boards:

| Office— | Place Position |
|----------------|----------------|
| Elgin | 1 |
| Evanston | 2 |
| Joliet | 3 |
| Aurora | 4 |
| Oak Park | 5 |

The list following, also arranged in the order of merit, includes the offices for which records were taken during the month of September, which have their local service observations taken by service inspectors:

| Office— | Place Position |
|-----------------------|----------------|
| Barrington | 1 |
| Glencoe | 1 |
| Maywood | 1 |
| Wilmette | 4 |
| Winnetka | 5 |
| St. Charles | 6 |
| Gary | 7 |
| Elmhurst | 8 |
| Wheaton | 8 |
| Woodstock | 10 |
| La Grange | 11 |
| Hammond | 12 |
| Highland Park | 13 |
| Chicago Heights | 14 |
| Dundee | 15 |
| Waukegan | 16 |
| Blue Island | 17 |
| Lake Forest | 18 |
| Berwyn | 19 |
| East Chicago | 20 |
| Harvey | 21 |

Traffic inspections at the remaining seventy-four offices were not made during September.

Promotions

Hammond: M. Schulte, operator to night supervisor.
 Gary: A. Green, operator to clerk.

How's the Flower Business, Mr. Brown?

A subscriber calling at the Wilmette office to pay her bill asked for information on a toll call to Evanston which was charged to her. The cashier upon looking up the call found that Evanston 45 is the residence telephone of Earl Brown; the subscriber still failed to recognize the call. The cashier then added that Mr. Brown was the plant chief for the Evanston district, upon which the subscriber exclaimed, "Now I am positive the charge is an error as I never called a florist named Brown."

Aurora District

Doris McDonald, former toll operator, has been advanced to supervisor.
 Anna Klebe, night chief operator, spent her vacation in Washington, Mo. Lillian Danly in charge as night chief during her absence.
 Sylvia Bushnell, supervisor, spent her va-

cation in her old home town, Watervliet, Mich.

A number of the operators with their friends were entertained at the home of Lydia Wethekam last month. The party was held with a view to forming a club to meet at intervals with the different members. The evening passed so quickly, however, and the guests were entertained so royally that the business session was postponed until another meeting.

Andrew J. Flannigan, chief clerk of the commercial department at Aurora office, was married Wednesday, October 14th, to Elizabeth Lentz, of Aurora. After the ceremony which was performed at St. Joseph's Church, a wedding breakfast was held at the home of the bride's parents, Mr. and Mrs. N. Lentz, covers being laid for fifty. Mr. and Mrs. Flannigan were presented with a silver sugar and creamer by the office force of the Telephone Company as an expression of good wishes.

Bernice Pearce, who resigned her position as Country ledger clerk for the Aurora district, has gone to California for a stay of a year or more. A few evenings before her departure she entertained the office force of the commercial department at her home in Oswego. All had a delightful evening, and greatly enjoyed a talk by Miss Pearce, illustrated by lantern views of some of the notable places of the west as seen by her when on a trip to the coast two years ago.

Martin Enright of the Aurora commercial office recently invited the office force to spend the evening at his home on New York street. The evening passed quickly with games and music.

On September 23rd the Plattville exchange was cut over into the new office, which had been newly decorated and placed in first-class condition. At that time Mrs. Gertrude Bell assumed the duties of manager of the Plattville office, succeeding D. E. Munson, formerly in charge of this exchange.

Chicago Heights District

T. H. Ketcham, plant chief for the Chicago Heights district, is now convalescing after a four months' illness.

F. C. Holl, local manager at Monee, enjoyed a two weeks' vacation. His work was cared for by Manager Stasson, of Peotone.

Harriett L. Faucher and Emma E. Warme of the commercial department were guests of the Chicago Prairie Club on a nine-mile "hike," across the country via Thorn Creek, Saturday, October 17th.

Elgin District

J. W. Schramm, district manager at Elgin, is reported to have opened negotiations with Kaiser Wilhelm and President Poincaré looking to the early cessation of hostilities in Europe. In explanation it may be stated that Mr. Schramm had outlined a trip across the water and was preparing to make his reservations when the war broke loose. Having waited a reasonable time for adjustment of the European troubles he now proposes to take active charge of peace proposals.

A new chapter, told in the German dialect, was added to the "Tales of the Rod and Gun," by O. E. McMahon, plant chief for the Elgin district, on his return from a two weeks' fishing and hunting trip at Fox Lake, Ill.

Elsie Jansen was hostess to about twenty girl friends connected with the Elgin office at the farm home of her brother about four miles northwest of Elgin. A large hayrack conveyed the girls to and from the farm. Upon arrival they were given a hearty welcome by Miss Jansen and her sister. During the early evening a musical program was enjoyed, everyone taking part. The girls were then asked out of doors where a large bonfire was blazing. "Wienles" and marshmallows were roasted. The hostess also served coffee and sandwiches. Out-of-door games were enjoyed the remainder of the evening. The home was decorated with sumach, oak leaves and golden ears of corn. Lanterns and pumpkin faces lighted the lawn and veranda. Miss Jansen recently severed her connection with the company after seven years of faithful service.

Elsie Jansen was pleasantly surprised by a number of friends at the home of Vera McKenzie, Hill avenue. Music and games were enjoyed. A clever guessing contest was arranged for the affair, Mabel Lanner winning first prize, and Madge Smith consolation favor. Later a buffet luncheon was served. Shortly before the departure of the guests Miss Jansen was presented with a hand-colored picture, a remembrance from the girls.

Evanston District

Laura Fehd, supervisor at Evanston, was married on September 18th to Joseph Samway, also of Evanston. Mr. and Mrs. Samway will make their home in Evanston.

Jane McVicker, chief operator at Evanston, recently returned from six weeks' leave of absence. Three weeks were spent at the Chicago Telephone Company's cottage at Lake Bluff, Ill. Miss McVicker reports good eats and a fine time—a great place to recuperate.

Installers for the Western Electric Company have commenced work on the nine new positions to be added to the Evanston switchboard.

On September 29th, Mrs. A. C. Bartling resigned her position as local manager at Glen View, Ill. She was succeeded by Mrs. E. L. Eggert.

Probably one of the most unique telephone installations on record is the furnishing of telephone service to Evanston 4149, which is a single line and extension in a \$20,000 house boat drawn up on the lake shore at 2541 Sheridan road.

Eva Balmes, day operator at Evanston, and Clarence Klamfoth, also of Evanston, were married October 7th, at the Nicholas Church. They were attended by Mary and Kathryn Balmes, sisters of the bride, and Peter Neitweert and George Arnes. The bride was gowned in white crêpe meteor and the bridesmaids wore white crêpe de Chine. After the ceremony a reception was given at the bride's house to about fifty friends.

The traffic employes of the Wilmette exchange gave a surprise party, Wednesday evening, October 21st, in honor of Rose Bauer. The affair was in the form of a miscellaneous shower. The bride-to-be received many beautiful gifts and everyone present enjoyed a very pleasant evening. Miss Bauer was married to Peter Schaeffeh, of Winnetka, November 3rd.

Wedding bells will soon be heard in the Winnetka office. Helen Schroeder, assistant chief operator announces her engagement to Paul Hofmeister, of Waukegan. The date for the wedding has not yet been set.

Hammond District

Tillie Wick, toll operator at Gary exchange, and John Albertino, of the plant department, were married September 6th in their newly furnished bungalow. The plant department and operators presented them with an aluminum kitchen outfit.

Goldie Kellar, local operator at Gary, Ind., spent her vacation in North Judson.

Miss L. Callahan, formerly employed with the Pacific Telephone Company in Seattle, Wash., has accepted a position with the Gary exchange.

J. J. Connelly has resigned his position as collector at the East Chicago and Whiting exchanges to take up the practice of law in Jackson, Mich.

Miss Kingston, Hammond supervisor, who has been sick since August, is convalescing.

Edith Coskey, Hammond toll supervisor, has resigned to accept another position.

Elsie Greb, toll operator at Hammond, has been promoted to toll supervisor.

Margaret Baker has been promoted from night operator at East Chicago to night supervisor at Hammond.

Ada Deathe, Lowell chief operator, visited the Hammond exchange Friday, October 16th.

E. Schnulle, sub-foreman at Hammond, who is well known throughout the suburban division, met with a painful accident on September 30th when an automobile, in which he was returning to his headquarters from the district office at Hammond, left the road, ran down an embankment and overturned. Mr. Schnulle suffered two fractured ribs and other internal injuries. He was taken to St. Johns, Ind., near which place the accident occurred and given medical attention. Later he was removed to his home at Elgin, Ill., where he is recovering very rapidly and will soon be able to resume his duties.

T. W. Jones, plant chief at Hammond, is the proud possessor of a pair of colored glass eye shields which he values highly. When he wears these shields and has a "Tampa Straight" between his teeth he certainly looks the part of "Little Nemo's" friend "Flip."

Unusual interest is taken in the announcement that Joseph Good, who is in charge of the Dyer exchange, is about to become musical director of the Dyer band, consisting of "Clover Kickers" of the city of Dyer.

On September 14th Cupid caught another victim at East Chicago. Ruben C. Kramer, installer, married Lillian Groat of Hammond, Ind. The happy couple will reside with Ruben's brother in Whiting, Ind.

Miss Whitmire, formerly chief operator at Berwick, Pa., has accepted the position of assistant chief operator at East Chicago.
 Lola Benovits of the commercial department at East Chicago returned from a

three weeks' visit to Pittsburgh, Johnstown, Houtsdale and other eastern cities, Houtsdale being her home town. Miss Benyovits claims to have had a jolly good time, and many pleasant surprises awaited her home coming after spending three busy years in the middle west.

As a result of a fire which occurred in East Chicago, Ind., September 15th, the local telephone company sustained a loss of several hundred dollars, as the flames burned several of the main wires leading to the exchange, putting over 100 telephones out of business. An extra force of men was put on the job and the damage was repaired late that night.

The toll cable at East Chicago was recently cut in two by a tug.

Joliet District

Ethel Forrest, supervisor at Joliet, resigned October 15th to return to the home of her parents, at Joy, Ill. Gladys Nunn has been promoted to the position of supervisor.

Agnes Blair, who for several years past has been chief operator of the exchange at Morris, Ill., resigned her position on October 7th to become the bride of R. E. Martin, of Ottawa, Ill. Miss Blair takes with her the best wishes of those with whom she has so faithfully worked. A party of her fellow employees at Morris called at her home on the evening of September 29th and presented her with a handsome gift of silver tableware.

Miss M. Davis has been appointed chief operator of the Morris exchange, vice Agnes Blair, who resigned to be married. Miss F. Ward has been advanced to the position of assistant chief operator at Morris, succeeding Miss Davis.

Samuel Fishbeck, a lineman at the Joliet exchange who was hurt in a fall from a pole, has returned to work after an absence of about six months.

Herbert Willmer, a sub-foreman in the Joliet district, was married Monday, October 5th, to Jessie Drew, of Channahon, Ill.

La Grange District

Josephine Lange, chief operator at La Grange, who has been confined to her home for the past three months on account of illness, is reported as recovering rapidly.

On Sunday, October 4th, Otto Koenig, driver for the La Grange plant department, suffered a rupture of a blood vessel in one of his limbs, and was near death from loss of blood for a short time. He is convalescing at the University Hospital and will be back to work soon.

Oak Park District

Anna Magnusen, Oak Park supervisor, has returned to her duties after an absence of six months in Norway.

Lyda Robinson, Maywood operator, was married on October 14th to Arthur Troester. They will be at home at 319 Marion street, Oak Park, after December 1st.

Work is being rushed on the conduit for the new building in the course of construction at Lake street and Euclid avenue. It has been found necessary to open several business streets on which the traffic is so heavy it was considered advisable to do the work at night.

On the day following the return of District Manager C. P. Corning from his recent fishing trip, Bert Burns, district plant chief at Oak Park, received a fine, heavy basket labeled, "For Mr. Burns, with the compliments of C. P. Corning, in proof of his ability as a fisherman." Upon opening the basket Mr. Burns discovered a can of sardines and a half dozen dried herring, tastily lying among ferns and water cress. Mr. Corning's friends had anticipated his return from Bluff Lake without the anticipated string of bass and pike. Mr. Corning declares he has no suspicions, although he wonders why one of the commercial agents is so busy on outside work.

Waukegan District

Oiga Clechanowsky, Waukegan's assistant chief operator, has resumed her work after a three months' absence.

The operators at Lake Forest entertained their many friends from nearby points, as well as Lake Forest, at a most successful dance Wednesday evening, October 14th. An ingenious arrangement of telephones, Blue Bells and telephone bells used as chimes was appreciated by all and added to the enjoyment of the occasion.

Agnes Garrity, assistant chief operator at Highland Park, resigned September 30th to become the bride of Edward Clarence Mead. The marriage took place on Thursday, even-



TELEPHONE AT PLOWING MATCH.

This photograph shows the Chicago Telephone Company's motor car at the Wheatland Plowing Match, September 17th. As the plowing match was held in a large open field and no buildings were available it was necessary to install the telephone in the machine. Among the thousands of visitors to the plowing match many had occasion to use the telephone in reaching their homes. The enterprise of the Chicago Telephone Company in placing the service at their disposal was highly commended.

ing, October 8th, at 6:30, at the rectory of St. Mary's Catholic Church. The operators gave a linen and miscellaneous shower and presented Miss Garrity with an electric reading lamp. Miss Garrity has been in the employ of the company since June, 1906. Her many friends at the office regret to lose her companionship, but wish her every possible happiness. Mr. and Mrs. Mead will be at home at South Victoria street, North Chicago, after November 1st.

Henrietta Ingersoll succeeds Miss Garrity as assistant chief operator at Highland Park.

Wheaton District

Joseph S. Brown, repairman at Geneva, was married to Bessie Smith at Geneva on September 28th.

The joint telephone and telegraph office at Wheaton has been discontinued. The Western Union has opened a new office at 107 Main street. S. V. Henderson, formerly Morse operator at the Wheaton joint office, has been appointed manager for the telegraph company.

Ella Anderson, local operator at Geneva, has resigned and was married to Arthur Sreeburg at Geneva on September 28th.

Mr. Gurney, formerly repairman at Elgin, is now stationed at Batavia.

Ellain Carlson, formerly chief operator at Geneva, was appointed chief operator at Batavia. Edith Olson succeeds Miss Carlson as chief operator at Geneva, and Florence Carlson succeeds Miss Anderson as assistant chief operator.

Bessie Ryan, formerly with the Wisconsin Telephone Company at Beloit, has been appointed assistant chief operator at Wheaton.

Eleanor Cowden, chief operator at Wheaton district office, enjoyed a two weeks' vacation, and returned to her duties October 26th.

Woodstock District

Grace Barbian, assistant chief operator at McHenry, was absent a few days on account of running a sewing machine needle through her finger.

E. P. Flanders recently presented the McHenry exchange operators with a bushel of home grown grapes in appreciation of the good service he has received.

It is rumored that one of the operators at the McHenry exchange may resign shortly. Esther Miller exhibits a beautiful "sparkler."

Ruth Horner is succeeding Miss E. Te-kampe as night operator at Barrington.

Mabel Kemler, chief operator at Woodstock, spent the week end with her family and friends at Elgin recently, and on her return she wore a small button which reads: "Watchful Waiting Wins." To date she has not explained just what the subject is, although the motto is significant.

James Millhouse, local wire chief at Crystal Lake, recently entertained the operators

of that exchange at his home in honor of his birthday. Miss B. Loomis received first prize at cards. Refreshments were served and a most enjoyable evening spent.

George W. Voss, district chief clerk, and Mary K. Toole, an operator at Woodstock, were quietly married recently. Their honeymoon was spent at Baraboo, Wis., and they are now nicely located at 213 Grove avenue, Woodstock, Ill., where the bride is demonstrating her talent as a cook.

Illinois Division

A. J. Parsons, Correspondent,
Springfield

The Talk-Fest Bower

H. B. Lewis, plant superintendent for Illinois, recently rented a seven-room apartment in Springfield and furnished it handsomely and comfortably throughout. A considerable portion of the space was allotted to a library and study room, which Mr. Lewis proposed to use in transforming some very human young men into high brows. He also furnished one of the rooms as a sort of personal den, which the boys dubbed the "Grouch Room," where he could crawl into his shell and dream about "Accounting Methods," "Unit Costs," "Efficiency," etc. His apartment became famous and provoked the following verses, which, it is hoped will not too seriously offend the shade of Longfellow:

"The Talk-Fest Bower."

Between the "eats" and the "hay-time,"
When the night is beginning to lower,
Comes a pause in the day's occupation,
That is known as the "Talk-Fest" hour.

While "hitting the pipe" in my study,
With my brain all tied in knots,
On the subject of organization,
I am suddenly roused from my thoughts.

I hear on the stairs to my "grouch-room,"
Footsteps at a quickening gait,
The sound of a door that is slamming,
And voices loud in debate.

Through the transom that leads to my chamber,
The noise of their argument bangs;

There's Briggs, "Greg," Henkes and Ryan,
Routson, Decker and Wildman's gang.

A sudden hush in their howling,
They can not seem to agree,
I'm called from my cushioned arm-chair,
To act as their referee.

They are sitting on the table,
The couch and on the chairs,
I try to "duck" but they catch me,
They seem to be everywhere.

They begin to ply me with questions,
On removals, changes, repairs,
Journal entries, transfers and credits,
'Til I throw up my hands in despair.

Do you think you wild eyed Indians,
You can lead me to a fall;
That an old "mustache" like I am,
Is not a match for you all?

The "Bible" and rullings and handbook
Are lying there on the shelves,
Take them down and all go to it,
And "bone" it out for yourselves.

Then I go back to my "meerschaum,"
And rescue my "slate" from the floor,
While the gang gets down to business,
And quiet reigns once more.

Centralia District

Myrtle Meyers, chief operator at Centralia, has returned from her vacation, which was spent near Chicago. She reports a very pleasant time.

Alma Highshoe, traveling instructor, has been assisting in the traffic department at Centralia during the vacation period.

Anna H. Perce, clerk in the manager's office at Centralia, spent her vacation on a boat trip to St. Louis.

Otto Ohmart has been appointed to the position of foreman at Cairo, Ill., having been transferred from Paris, Ill.

Contracts have been secured for a No. 2 private branch exchange in the Alexander County National Bank building, which will be one of the finest in the city when completed.

On September 24th the girls of the Cairo, Ill., exchange gave a dance. This is the first

that was ever given by the Cairo operators and proved to be a great success. The girls, assisted by Wire Chief Arey and Foreman Ohmart, worked very enthusiastically on the decorations, the principal one of which was a large blue bell made of blue and white paper and decorated with electric lights. J. L. Thomas, district manager, and C. G. Seytler, district traffic chief, of Centralia, were among the visitors.

Champaign District

Fred McDaniels has taken a position as lineman in the plant department. An automatic pay station with booth has been installed in the Big Four passenger depot. During September the Champaign exchange made a net gain of seventy-four stations, the largest gain in any month in the history of the exchange. Work has commenced on an additional circuit between Champaign and Paxton. This work is under the supervision of Foreman Jack Radcliffe.

Decatur District

Bess O'Daffer has resigned her position as repair clerk, and is succeeded by Leonora Ernst. Josephine Higar has resigned her position as local operator. It is rumored that "Cupid" is responsible for both of these resignations. Frank Weaver, cable repairman, has returned from a week's vacation. Mr. Weaver is a great lover of the song "Home, Sweet Home," and in order really to enjoy the song, he remained at home throughout his vacation. Ray Doty, repairman, also took his vacation. His plans were not made public, but we are in hopes of hearing more later.

Galesburg District

Mabel Miller, supervisor at Galesburg, has resumed her work after an absence of five weeks. Harry Moslin, switchboard man at Galesburg, spent his vacation in Peoria, Pekin and Wataga. Eula McCoy, local operator, has been confined to her home for several weeks on account of sickness. Mrs. Addie Mower, local operator at Galesburg, who has been spending her vacation in Ottumwa, Iowa, has resumed her work. Emma Lathrop has resigned her position at the Galesburg exchange. Traffic agreements have been entered into with the Western Illinois Telephone Company, covering the exchange at Bushnell. An estimate has been approved and the material ordered for the rebuilding of the Galesburg-Princeton toll line and Foreman C. E. Johnson has been assigned the job. C. L. Grimm, commercial agent at Galesburg, and Grace Neece were married September 28th at the parsonage of Rev. F. E. R. Miller. All the employees extended their heartfelt congratulations. The commercial department has secured a contract for a private branch exchange for the "New Hotel Custer," Galesburg. The initial installation calls for a No. 4 switchboard and 125 stations. Western Electric salesman Pickens has sold new boards to the Stronghurst Telephone Company and the Wataga Telephone Company.

Jacksonville District

W. L. Edwards, plant chief at Carrollton, has been transferred to Beardstown as plant chief, succeeding Paul Ramer, who has resigned and returned to his home in Kentucky. The installation of twenty-five additional private branch exchange stations has been completed at the Dunlap Hotel at Jacksonville. Grace Duckardt, county operator at Beardstown, spent her vacation in Rock Island. Marie Hardsock, clerk at Beardstown, enjoyed a two weeks' vacation visiting in Jacksonville, Springfield and Virden. Veulah Todd, local operator at Beardstown, spent her vacation in Springfield. Alma O'Hara, toll operator at Beardstown, enjoyed a two weeks' vacation. O. D. Barnett, formerly repairman and commercial agent at Roodhouse, has accepted the position of repairman at Roodhouse, succeeding Truman Thaxton, who is transferred to county repairman. Edna Beebe, local operator at Whitehall, Ill., resigned October 1st and moved with her parents to Wrights. Mabelle Hildreth, formerly collector for the commercial department at Roodhouse, has taken the position of night operator at Roodhouse.

Kankakee District

Lorraine Holder, toll operator at Kankakee, spent two days recently with Miss Anderson, chief operator at Fowler, Ind. Louise Dahling relieved Miss Holder at the board. Zola McIntyre, local operator at the Kankakee exchange, attended the Springfield Fair and reports having a very pleasant time. She did not go alone. (They) visited friends and relatives. Lila Koon, collector at the Kankakee exchange, who has been on a vacation for the past month owing to ill health, is again able to resume her former duties. Ruth and Lola Scott and Miss Doran, operators at the St. Anne exchange, visited the Kankakee exchange recently. Homer Jay, repairman at Onarga, Ill., was married Sunday, October 4th, to Marie Houli, formerly an operator of the Gibson Home Telephone Company. Jessie Clark, local operator at Gilman, Ill., resigned to take up her school duties. She has been succeeded by Rosella Busker. Ollie Wampler, chief operator at the Gilman exchange, visited in Springfield three days during the State Fair. Laura Hildsbrandt, toll operator No. 2 at Gilman, Ill., has returned to work after three weeks' illness.

The plant department is doing some repair work at Onarga and Gilman. Arthur Smith of Kankakee, has charge. The commercial department at Gilman and Onarga shows a steady gain in the number of subscribers' stations during the last six months. Dona Laking, chief operator at Grant Park, Ill., returned September 15th after spending two weeks' vacation at Milwaukee and Chicago. Leona Elger, chief operator at Mokenca, has returned to her duties after a week's vacation with friends at Morocco, Ind. Repairmen Brown and Faucher of Mokenca spent their vacation by taking an automobile tour through Michigan, visiting many points of interest. A severe electrical storm struck Mokenca on August 12th. During the storm two fifty-pair cables were put out of service. A hurry-up call was sent to the district office at Kankakee, to which Cableman Carl Kellams responded. In less than two days over 100 subscribers were completely restored to service. Mr. Kellams is one of those live wires that hailed from Kentucky a short time ago.

La Salle District

Cassie Barrett of La Salle has returned from a week's vacation spent at the Great Lakes. Agnes Kashinsky of La Salle has returned from her vacation spent at Sandy Beach. Zeta Keys spent a week's vacation with friends at Springfield and Decatur. The relief operators of the La Salle exchange have organized a Sewing Club under the name of C. U. B. B. (Central Union Busy Bees). Meetings are held every Thursday at the homes of the members. Traffic Chief Elizabeth Fitzgerald has returned from a week's vacation spent at Urbana and Champaign with friends. All eyes are turned to one young lady in the commercial department, waiting for the tell-tale ring. She says "nothing doing," but Manager Ains is making inquiries for a new clerk. This means something.

Paris District

B. E. Mopps, foreman, has been transferred to Alton as repairman, and is succeeded by Clarence Clark. Work has started on permanent repairs of the Paris-Mattoon toll lead. Jesse Aibin, chief operator at Paris, entertained the operators, with a "weinie" roast at her home on Vance avenue recently.

Peoria District

Private branch exchange contracts have been secured from the Proctor Endowment Home at Peoria covering one trunk and ten stations. Private branch exchange contracts have been secured at Peoria from the Sengenberger Grocery Company covering four trunks and eight stations. Manager R. E. Jackson, of Canton, Ill., took a very prominent part in the Home Coming celebration in that city the last week in September. Delegations visited Canton from various towns in that vicinity. The decorations of the city and entertainment, including automobile parade were under the direct charge of Manager Jackson and not only were the decorations artistically arranged and carried out in a very creditable way, but every feature of the entertainment, including the automobile parade, went off without a hitch. The Elks' Lodge took a

prominent part in this celebration and at a dinner given by this organization to the visiting Elks, Mr. Jackson was presented with a beautiful bouquet of roses, and he received many high compliments from the toastmaster on the efficient way in which he handled this work.

Quincy District

Elizabeth Wessells, local operator, was married on September 29th to James Jacobs and will make her future home in Chicago. Pearl Walch resigned September 15th to accept a position in Kansas City, Mo., as local operator with the Bell company there. Edgar Schaefer, collector at Quincy, has resigned and returned to take up his studies at the State University at Champaign. Miss Hofmeister, service observer at Quincy, has just returned from a two weeks' vacation, visiting friends in St. Louis, Mo.

Rockford District

Mrs. Perry Olson, a bride of April 20th, and Mrs. Irving Kindell, a bride of August 25th, whose resignations were effective September 30th, were very pleasantly entertained in the operator's rest room on Thursday evening, October 8th. The affair was in the nature of a surprise, each of the honored guests being presented with a silver casserole of antique design and also a silver ladle. The evening's entertainment consisted of an impromptu program of songs and readings, after which a luncheon was served. The tennis tournament is proving to be a very exciting contest. Members of the traffic and commercial departments have been coupled off and are playing singles for a tennis racket, presented by Mr. Seguin, traffic chief. The matches are creating considerable interest and the outcome has not yet been determined. Mabel Monsen has succeeded Miss Wynters, who resigned to be married and who will make her home in Albany.

Members of the commercial and traffic departments entertained at a progressive dinner party on the evening of September 30th. From the office the party went to the home of Mrs. F. E. Beang on the outskirts of the city where the first course was served. After a short stay the next stop was made at the home of Ruth Peterson, where the dinner course was served. After a large feast and pleasant visit, the slogan, "Keep Traveling," was recalled and the crowd journeyed to the home of Edna Willmarth, who served the third course. Miss Willmarth had very cleverly arranged her home after the manner of a cafe, small tables being placed about the rooms from which the course was served. Signs adorning the walls reading, "Am and Agna, \$50," "Don't Flirt With the Waitress," "Try Our Pie a la Mode," etc. A cabaret program was rendered by "certain members" of the party and it was enthusiastically received. Although by this time it would not have been necessary to eat any more to keep from starving for at least a week the "Willmarth Cafe" was left behind and the next stop was made at the home of Pearl Aplitz. A delicious course was served here and all voted the Head of the Family, "Some drink mixer." A demonstration of fancy dancing was given by our "Tango Artist," after which the start was made for the fifth and last course. This was at the home of Adeline Fitzpatrick. Although not really hungry, the guests became rather excited when the course was announced and they attempted to find their places at the table, as instead of their own names appearing on the place-cards, they found only their initials, preceding, however, certain familiar names about the exchange, whom the hostess imagined they might wish were enjoying the dinner with them. Some of the names proved to be exceedingly popular, two or three claiming the same place. Music rounded out one of the most enjoyable evenings that could possibly have been wished. District Plan Chief A. N. Huckins and wife motored to Springfield in September and attended the Illinois State Fair. They reported a good time and the usual tire troubles accompanying such a trip, a distance of about 600 miles being covered. H. C. Ludlum and C. W. Bastian, of the plant department, were members of a party which motored to Springfield to attend the State Fair.

Springfield District

Mildred Bay has been appointed toll supervisor at Springfield. The H. G. L. Club of telephone girls attended a birthday dinner given in honor of

Miss Bambridge, Secretary of the Y. W. C. A., October 8th. The dinner was served in the Y. W. C. A. dining room, and was a delightful affair.

The Club girls have succeeded in organizing a gymnasium class composed entirely of telephone girls. All are enthusiastic and are expecting to turn out some expert gymnasts.

The Illinois State Fair was held at Springfield from September 18th to the 26th. The company had sixty-five telephones installed on the grounds, and the traffic department did excellent work. The service was complimented by all patrons.

Contracts for a private branch exchange with three trunks and seven stations for the Springfield Produce Company were taken by the commercial department on October 1st.

Mildred Wiley, cashier at Springfield, has been on her vacation, and reported having a delightful time.

Indiana Division

D. H. Whitham, Correspondent
Indianapolis

Quick Work at Frankfort

At 1:10 p. m. on Saturday, October 10th, the plant department at Frankfort, Ind., received word that a cable was down on West Morrison street. Upon arriving on the ground Chief Inspector Alexander found 1,490 feet of fifty-pair cable stripped from the messenger wire and lying on the sidewalk. The cable had pulled apart at one of the boxes and service, of course, was entirely cut off from the seventy-eight telephones served by this line.

The entire plant force was put to work immediately. At 3:30 p. m. the cable had all been restored to the messenger and at 6:30, through a temporary splice, all but eight subscribers were back in service. Cableman George Thompson was called from Crawfordsville and permanent repairs were completed October 13th.

Division Offices

E. O. Fifer, formerly service inspector in the traffic department, has assumed his new duties as assistant to R. E. Guild in the connecting company work.

C. M. Nesbitt spent very pleasant vacation with his family at Lake Wawasee.

Ruby Hinchman spent her vacation taking an extended trip to Omaha, Cedar Rapids, Salt Lake, Denver and Kansas City. She reports an excellent time and is converted to the west.

Bess Loomis has returned from her vacation in Northern Indiana where she spent two delightful weeks in the country. She incidentally made several trips to nearby lakes. The "catch" was ahead of any reported so far this year.

Northern District

The Anderson commercial office is being redecorated, and although the work was not yet completed at the time of writing a decided improvement could be noticed. When the work is finished and the new sign put on the windows, Anderson will have as attractive an office as any in the state.

G. C. Bartlett, plant clerk at Anderson, has been transferred to South Bend in the plant accounting work. Incidentally, he was married recently to Miss Wright, clerk and cashier at Auburn. The couple carried the good wishes of the employees of both exchanges. Grover Lemon has accepted the position of clerk formerly held by Mr. Bartlett in Mr. Morrill's office.

The Frankfort equipment department, under supervision of Mr. McCoy, has completed the installation of a private branch exchange of thirty-four stations in the Coulter Hotel.

Thursday, October 8th, Luna Burbank, Ina Conyers, Gay Ruppells, Tillie Grossman, Marie Rundell, Helen Faunce and Florence Davis went nutting about five miles west of Peru. While on the outing they roasted "wienies" and took several photos.

The A. O. Club of Peru had a birthday surprise on Lola Replogle at the home of Mazell Harvey in South Peru. Miss Replogle was presented with a ring by the members of the club. About fifteen persons were present and the evening was spent in games, contests and music.

The A. O. sorority and Alpha Delta Phi had an indoor picnic at the home of Ruth Moon. One of the features of the evening was a mock wedding with Jacob Fisher acting as the presiding elder. Music and other amusements were enjoyed.

Mrs. Gladys Evans, night operator at Peru, enjoyed a week's vacation in Missouri visiting relatives.

L. C. Downing has been making his headquarters in Peru, while patrolling toll lines in the Peru exchange area.

A. S. Barnett, manager at Peru, made a trip to Charleston, W. Va., for a few days' visit with his mother.

Florence Gilbreth was transferred from the commercial to the traffic department at Peru.

On October 1st Miss Buswell, chief operator at Culver, and Miss Geiselman, night operator, drove over to Bremen to attend the fair. Miss Painter, bookkeeper at Culver, and Miss Buswell, together with a crowd of friends, motored over to Bourbon Friday night, October 9th, to attend a party which was the closing feature of the fair. They were entertained by Rose Ammes, night operator at Bourbon.

Elwood's new directory was received September 14th and delivered to 1,100 subscribers in the city by Saturday noon, three and one-half days. The new directory contains the Aroma, Frankton, Leisure and Perkinsville lists.

Alexandria subscribers have been supplied with a new directory. The Orestes list was entered for the convenience of Alexandria subscribers.

Florence Bradley, commercial clerk at Elwood, has been taking her vacation.

Leah McCullough, chief operator at Elwood, returned from her vacation. She enjoyed several days at Indianapolis, taking in the plays and State Fair. The last week she tried housekeeping for a "change."

Operators at Elwood have organized a sewing club. Mrs. McIntosh entertained them their first Wednesday evening. After an hour spent in needlework and dancing, music and refreshments were enjoyed. The club will meet again in two weeks with Miss Iva Wann, when a name for the organization will be chosen. Those present were Leonora Zentmyer, Iva Wann, Elsie Davis, Keturah Jones, Thel Owens, Sylvia Balsler, Mollie Feiler, Sue Johns, Nellie Bitner and Lillian McIntosh. Leah McCullough was on her vacation. The girls are looking forward to many delightful evenings during the winter.

A. J. Gitchell, chief inspector at Elwood, spent his vacation at Benton Harbor, Mich., enjoying everything the word vacation implies. Herman B. Wright, line foreman at Elwood, looked after the chief inspector's part of the work during Mr. Gitchell's absence.

Ethel McKinley, clerk at Alexandria, has returned from her vacation spent in Western Kansas.

Sylvia WeWe, night chief operator at Alexandria, resigned. Elizabeth Salem was promoted to that position.

Bessie Stagman resigned as operator at Alexandria and is succeeded by Gertrude Angell.

Work has been started on a copper circuit between Mexico and Macy, Ind., to meet a like circuit to be strung by the Rochester Telephone Company, which will give Rochester a complete copper metallic circuit between Rochester and Peru, greatly improving the service to Peru and points beyond.

Cupid has been plying his crafty art in the local department at South Bend. He has enticed to hymen's altar Miss Embick, who became Mrs. J. Boyle at our Getzina Green, St. Joseph, Mich., last month. Miss F. Dolph escaped St. Joseph and chose Albion, Mich., August 20th, to become the bride of Fred Thomas. Mrs. Boyle is a supervisor and Mrs. Thomas a senior operator. A miscellaneous shower was given in honor of Mrs. Thomas at the home of Mrs. Clarence Leusch, October 6th.

Nellie Gray, toll supervisor, left South Bend for a prolonged stay in Los Angeles, Calif. Miss Gray has been with the company for seven years and all her associates regret her departure.

Kenis Tylovsky, local operator at South Bend, left Saturday, October 10th, to reside in Pittsburgh, Pa.

G. S. Burt recently arrived in South Bend and, of course, the fishing fever immediately spread until several employees fled to Osceola, where they spent Saturday afternoon fishing. After hooking as many fish as could



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The Greatest Heat at The Lowest Price

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be carried, all repaired to the "Proud" cottage, where a fine dinner was served. The party was chaperoned by Mr. and Mrs. E. T. Bonds. On this fishing trip Miss Stowell caught a "Minnow" and Miss Roy a "Sea Dog."

Manager L. L. Monticue, of New Castle, has returned after a well earned two weeks' vacation. He, with Mrs. Monticue, spent a greater part of the two weeks at his old home in Knightstown.

Gertrude Kirkwood, night chief operator at New Castle, was married to Sam Ives on September 12th, but kept the wedding a secret for some weeks. For the present they are making their home with Mr. Ives' parents.

Mrs. Olive Crider, local operator at New Castle, will leave here the first of November to make her future home in Roanoke, Va.

Manager Monticue's force at New Castle is busy installing a twenty-one station No. 2 private branch exchange at the Jesse French & Sons' Piano Company's plant. This equipment replaces a twelve-station No. 1 exchange.

The October issue of the New Castle directory has just been delivered. Not a single error was found in it, thanks to Mr. King's force.

Indianapolis District

Fay Kershner, one of the North office supervisors, entertained a number of her friends among the North office operators at her home.

Louise Staub, a Prospect supervisor, was recently married to Harry Trenkenshuh.

Hilda A. Rader, Prospect operator, was married early in October to Harry Harold Miller.

On September 14th Kathryn Scanlon entertained a number of the Belmont operators at her home.

Catherine DeVries, a supervisor at the Main office, spent most of her vacation visiting friends in Shelbyville and Morristown.

Dorothy Davis, clerk at the Main office, has been transferred to the commercial department, taking the position of directory clerk. Miss Davis is succeeded by Edna Hicks.

Hazel Rapier, one of the supervisors in the Main office, has returned from a very pleasant vacation spent visiting relatives and friends at Spencer, Ind.

Marie Brethauer, who visited relatives in Wisconsin, has returned and is again in charge of the Woodruff office.

Minnie Fender, Woodruff operator, had a very enjoyable vacation, spending most of the time at Cedar Point.

C. K. McDowell has been appointed supervisor of collections at Indianapolis.

A complaint department has been instituted, placed in charge of H. B. Coldwell, formerly of the traffic department. Bess Loomis, formerly in the commercial superintendent's office, will assist Mr. Coldwell in addition to her duties as stenographer to Mr. McMaster.

Numerous changes have been made in the local commercial office, changing the cashier's cage, counters and desks, all for the purpose of increasing efficiency.

Southern District

Esther Smallwood, of the Bloomington exchange, resigned September 15th and was married September 23rd to Leonard Adamson, of Washington, Ind.

Lillie Robinson, local operator at Bloomington, resigned September 19th to be married.



TELEPHONE TROUBLE CAR AT WASHINGTON, IND.

Manager G. W. Dyke at the wheel. This is one of the best-equipped trouble cars in the state.

Catherine Dawson, an operator at the Lincoln office, Chicago, visited Washington September 16th.

Lyda Walker, of Washington, spent her vacation in Canton, Ohio.

Flossie Miley, of Washington, spent her vacation in Petersburg, Ind.

Arrangements have been made to connect Central Union circuits into the Hoosier Telephone Company's boards at Paoli and

Orleans, giving those points Bell long-distance service.

Once more Cupid has invaded the Central Union exchange at Brooklyn, Ind. This time he darted right through the front door with bow and arrow and the clerk fell the victim. Faye Griggs and Orson Corwin were married very quietly at the home of Dr. and Mrs. O. B. Griggs, uncle and aunt of the bride, on Wednesday evening, October 14th, at 8 p. m. The employes of the office ex-

tended their heartiest congratulations. Hazel Jeffries has accepted the position of clerk, succeeding Mrs. Corwin.

Ohio Division

**B. T. Calaway, Correspondent,
Columbus**

Toledo District

Mary Chamberlain, local operator at Bowling Green, entertained the traffic employes with a thimble party September 25th. One very enjoyable feature of the evening was a feast of watermelons.

Mable Krause has been appointed supervisor at Findlay, succeeding Minnie McCoy, who resigned September 10th.

Verna Parlette, operator at Findlay, resigned September 23rd to become the bride of John Horner. Miss Parlette is succeeded by Mae VanWormer.

Victoria Cousino, pay station attendant at Toledo, resigned September 16th to be married to Herman Etue. Mary McBride succeeds Miss Cousino as pay station attendant.

Gustie Kuntz, clerk at Toledo, has been appointed toll supervisor, succeeding Nellie Farrell, resigned. Florence McKeen has been promoted to clerk.

In honor of Mable Devanna, toll supervisor at Toledo, who resigned September 16th the toll operators arranged a miscellaneous shower. Miss Devanna was the recipient of many beautiful presents. Her marriage to Fred Maymes occurred September 23rd.

Helen Jameson has been promoted to toll supervisor at Toledo.

On September 6th, E. H. Pritchard, Toledo traffic chief, was quietly married to Louise Andrus of Columbus, Ohio.

Anna Townsend has been promoted from local operator to toll operator at Findlay.

P. J. Martin, plant chief at Bowling Green, has resigned to take a position as manager with the United States Telephone Company. W. O. Milligan succeeds Mr. Martin at Bowling Green.

A private branch exchange has been ordered by the Allen Motor Car Company at

TELEPHONE WIRE

We Guarantee
Greatest Efficiency
Longest Life
Most Satisfactory Service
Lowest Cost of Up-keep
In the Use of our wire.



Write for **FREE SAMPLE**
Make Test and Comparison



Approved by Leading Institutions of Technology and Telephonic Science. Handled by most representative Jobbers and Supply Houses.

Indiana Steel & Wire Co.
Muncie, Indiana



ONE HUNDRED AND FORTY-ONE

International Motor Co. Trucks of various sizes in the service of the Associated Bell Telephone Companies.

A total of a steady stream of orders for Supply Wagons, Post Hole Diggers and Powerful Winch Trucks for aerial construction and underground cable placing.

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**The "Dreadnaught"
Brazed Steel
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Made to deliver the Hottest Fire and to withstand the Hardest Knocks and has made good and stood the service test of the Telephone Companies.

No soft Solder to melt or crack.
Large Pump, quick starting Burner.
Convenient Filler service.

Let us quote you.

**The P. Wall Mfg.
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PITTSBURGH, PENNA.

**Highest Grade of Inside and Outside
TELEPHONE WIRE**

☐ Made in accordance with the specifications of the Western Electric Company or those of any other customer.

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Indispensable for the proper fastening of electrical apparatus and fixtures to hard surfaces, such as floors, walls, ceilings, etc.

SEBCO Expansion Bolts Screw Anchors

The Expansion Bolts are designed for fastening heavy fixtures, such as insulator brackets, cable hangers, motors, switch-boards, etc., and the Screw Anchors for fastening cable clamps, lamps, telephone sets and other small fixtures.

Their use insures a quick, neat job, and a saving in labor and expense.

Sold by dealers everywhere. Samples and Catalog on request.

**STAR EXPANSION
BOLT CO.**
147-149 Cedar Street New York City



Fosteria. It will include two trunks, switchboard and ten stations.

The Atwood Automobile Company of Toledo has contracted for a private branch exchange of one trunk, switchboard and seven stations.

Ada E. Cook, clerk at Toledo who has been on the sick list for several months, has resumed work.

Cleveland Division.

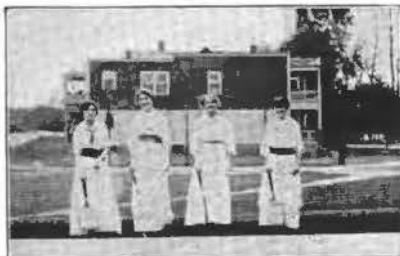
W. K. Lawrence, Correspondent.

To Aid War Sufferers

Minnie Spencer, social secretary, and Mabel Hiller, clerk in the commercial department, are among the leaders in the organization of eight clubs of girls, which will be affiliated with the Mercantile League of the Y. W. C. A. The girls expect to sew for the Red Cross and the needlework they turn out will find its way to the war sufferers of Europe.

Tennis at Cleveland

The recent bright and sunny autumn days afforded Cleveland operators many hours of recreation at their favorite game, tennis. Courts have been provided at most of the offices and are almost constantly in use by



COURTS IN REAR OF EDDY OFFICE AND FOUR CLEVELAND PLAYERS.

the girls who thoroughly enjoy this athletic sport. A picture of the courts at the Eddy office appears on this page.

Cleveland Outstanding Reduced

J. H. Reed, chief collector, and his faithful force of clerks, are receiving many compliments for reducing the outstanding per station to 37½ cents for the April quarter and 33½ cents for the July quarter. The lowest outstanding prior to the April quarter was January, 1914, which was 68 cents per station. This low rate of outstanding was obtained by a great deal of faithful and conscientious work by Mr. Reed and his force. This is by no means to be the minimum of outstanding for the future if efforts are to be counted in the reckoning. To celebrate this reduction a banquet was tendered the collection employes in the dining room of the Main exchange by the Cleveland Telephone Company. Every one of the twenty-five employes present at this banquet enjoyed himself to the fullest extent, and after cigars had been passed around, Mr. Reed and several others gave very lively and interesting talks on the different methods of procuring outstanding accounts from subscribers.

Mr. Reed's talk was in part: "Remember, Gentlemen, you and I are the ones who are to collect this money which belongs to the company, which pays my salary, your salary, the expenses of the company and a fair return on the money invested by the company. In order to do this, to obtain the best possible results we all have to cooperate with each other and with the subscribers. The individual efforts of you and myself are lost unless we can have this get-together spirit with us at all times. I appreciate what you have done and I know the Telephone Company does, but let us extend our efforts to their utmost capacity and see if we cannot reduce the outstanding per station for the next quarter at least twenty-five per cent."

Bell Club in Mercantile League

The "Bell Club" is an organization with which every girl employe of the Cleveland Telephone Company should be familiar. It is one of the clubs that make up the Mer-

cantile League of the Y. W. C. A. and the slogan of this league is as follows:

"The best we can be for our Home, Business and Community."

The club has a membership at the present time of about sixty, and the membership is increasing in an encouraging manner. The club meets every Thursday evening at the Central Y. W. C. A. The classes are at club rates, which are about half the regular rates. It is the desire of the club to encourage its members to lead the best and happiest lives, and the club officers expect to carry out the work so that each member shall be more effective in her respective place of business and in the city at large.

There are several classes conducted to promote efficiency in the home, either present or future. Members of the home-making class are taught everything in the home-making line from the renting or buying of a home to the filling of the linen closet. The cookery class is a large and enthusiastic one. The training begins with the preparation of simple meals and continues until a thorough knowledge of balanced menus is obtained and the serving of a six-course dinner is understood. In the sewing class the girls are taught how to make their own clothes.

There are several classes whose aim is to increase one's efficiency in business life. In the gymnasium, the girls are taught how to exercise and develop a strong constitution, for good health is one of the greatest assets any employe can have.

In the English class, the proper usage of the English language is taught both in speaking and writing. Books are discussed and theses written.

The purpose of the dramatic class this year is to do more than merely present plays. This class is also teaching the girls how to use their voices, how to give expression to their thoughts and how to feel at ease and self-confident when speaking with other people.

The current events class deals, of course, with the events of the day and in this eventful day and age all women should be familiar with current topics. All of the above classes make for efficiency in our business life and the subjects taught will help every girl to adopt the following code formulated by the Mercantile League:

"I will give my employer a full day's



DELEGATES FROM BELL CLUB WHO ATTENDED CONFERENCE OF MERCANTILE LEAGUE AT HIRAM HOUSE CAMP.

service during the hours that I am employed. I will always wear a neat business dress. I will use good clean language, and will abstain from chewing gum in public places or while on duty."

The club believes the duty of each member to the community is first of all to be a good citizen, then that each member interest herself in the cleanliness, light and health of the city, and that each one does some social service. For the coming year, the club members have decided that their social service work shall consist in making warm clothing for the tubercular girl patients at Warrensville.

Cleveland girls should consider the above facts carefully, and can come to but one conclusion, and that is, that as long as they postpone joining the club they are missing an opportunity of advancing in social and business life.

Wisconsin Division

**T. N. Moore, Correspondent,
Milwaukee**

General Mobilization Order

As the ball of Fate drops wearied in its socket for an instant's rest, the turning of Time's glass marks the passing of another season, and the crimson leaves of an old summer are welcomed by the embrace of a new fall, Anubis yawns and stretches. For the rising of the full moon over the sear fields and wind-swept branches is her signal and she rises to obey its call.

Nine harvest moons have waxed and waned and Anubis has bided her time in her temple. But the tenth marks the passing of the decade and the expiration of her leasehold. A new temple is in readiness to receive her where the winds of winter will not penetrate nor the fire grow cold upon her altar.

You to whom her name is sacred, newspaper men of the past and present, you who escorted her with fitting pomp and ceremony to her present temple, ten years gone by, and you who have come but recently to the shrine that was builded by the hands of your predecessors, are now called to attend Anubis upon her second pilgrimage.

The time is 7 p. m. at sunset of Saturday, the seventeenth day of the current month; the place the old Milwaukee Press Club rooms at 437 East Water Street; the occasion the Hegira of the Sacred Cat, with all fitting pomp and ceremony to the new quarters on the eighth floor of the new Jung Building, 457-459 East Water Street, where articles of good cheer will await the guardians of Anubis at the end of their pilgrimage.

Seiah.

AM RAH, guardian of the Right Eye of Vigilance.

AM NOT SO, guardian of the Right Foot of Diligence.

GRIM RA, guardian of the White Claws of Aggressiveness.

HO NEST, bearer of the Incense of Virtue.

For the above insight into the life of the Press Club of darkest Milwaukee we are indebted to Alonzo Burt, who, while presi-

dent of the Wisconsin Telephone Company, became so impressed with the *empressment* of the representatives of Milwaukee's press that he was pressed into membership in the Press Club, from which organization he has never been ex-pressed.—[Ed.]

Piscatorial

Fish stories which came in from the Eau Claire district are well epitomized in the following little poem appearing in a New York paper:

Fish,
Wish,
Bait,
Wait,
Bite,
Flight,
Roam,
Home,
Buy,
Lie.

Appleton District

The Western Electric Company has completed the installation of one-two-position section, local and toll service observing board at the Appleton exchange. Josephine Boyce, formerly toll supervisor, has been promoted to service observer operator.

John Loos, toll wire chief, Appleton, has resigned to accept a position with the Hinkley Real Estate and Construction Company of West Allis, Wis.

A local operator of the Appleton exchange, while walking down the street the other day, accidentally collided with a lady coming in the opposite direction. The operator wishing to excuse herself said, "Pardon me please, I rang your bell by mistake."

The marriage of Lillian Graef and George Bowe took place on September 30th at St. Mary's Church, Kaukauna, Wis. Rev. Steinbrecker officiating. The attendants were Margaret Robie and James Crowley of North Fond du Lac. Miss Graef has been employed as operator at the North Fond du Lac exchange for the past three years. Mr. and Mrs. Bowe will reside in North Fond du Lac, where Mr. Bowe is employed by the Soo Line as machinist.

Jennie Schroeder, toll operator at Green

ESTABLISHED 1863

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PITTSBURGH, U. S. A.

MANUFACTURERS OF

**TEL. AND TEL. POLE
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MACHINE LAG **BOLTS** CARRIAGE TRACK

Light and Medium
Drop Forgings

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Wedges Crow Bars
Picks

Standard Price Lists Sent on Application

No. 20 Turner Torch

The Lineman's Friend in windy weather. Delivers the hottest flame of any single jet torch made.



No. 20. \$4.25 net.

Order one now

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INSULATORS 1,000 TO 1,000,000 VOLTS



LOUIS STEINBERGER'S PATENTS
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Western Electric Company
NEW YORK AND BRANCHES



OUR BUSINESS is to perfect and manufacture Tools and Devices to save TIME, MONEY and LABOR in the construction of Telephone Lines.

The Western Electric Company and all leading Jobbers handle them because they make for ECONOMY. Why don't you specify them?

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OSHKOSH, WIS.

The Clean Way To Clean



The
Western Electric Vacuum Cleaner

takes up all the dirt and dust from your floors, draperies, furniture and clothes in one-fourth the time that it would take with the broom and dust rag—the only sanitary method of cleaning.

It connects to any electric lamp socket.

WRITE FOR PRICES

Western Electric Company

Chicago Milwaukee Cleveland Indianapolis Detroit

Bay, was married on October 7th to Joseph Moore, agent of the G. B. & W. Ry. Company. After a trip to Minnesota the young couple will make their home in Green Bay.

Elizabeth Sharkey, chief operator at Marinette, resigned on September 1st. It then became known to her friends that she had been quietly married to A. F. Englebach on August 8th.

Eau Claire District

Martha Hanson has resumed her duties as assistant chief operator at Menomonie after a two weeks' vacation.

M. A. Mattison, wire chief, and Oscar Peterson, repairman of Menomonie, have returned from a two weeks' vacation.

Eva Greeley, operator at Menomonie, spent her week's vacation at Minneapolis and New Richmond.

Alma Retelstorf, who has been absent for four months, has resumed her duties as local operator at Menomonie.

Gunda Peterson, chief operator at Menomonie, spent her vacation at Eau Claire.

The Menomonie office has been greatly improved by having the walls of the entire exchange repapered and calsonined.

On September 5th the operators of the Bayfield exchange were presented with a large crate of very choice peaches, by Frank Kern, manager of the Bayfield Peninsula Fruit Association. The gift was in appreciation of excellent service given them.

E. W. Teitz, La Crosse, who for some time past has been connected with the commercial department of the local gas and electric company, has taken a position in the commercial department of the Wisconsin Telephone Company.

The exterior of the central office building at La Crosse has recently been repainted.

Mary Van Rossum, formerly toll operator at Stevens Point, has been transferred to the position of clerk at Merrill.

Ruth House, local operator, and Arthur Bohn, repairman, of the Merrill exchange, were entertained at a house party at Clear Lake Saturday and Sunday, Sept. 5th and 6th, by Mr. and Mrs. J. G. Ross and family.

Cupid has again started trouble in the Merrill exchange and the engagement of Mae St. Onge to E. Landaal is announced. Miss St. Onge was formerly chief operator. Mr. Landaal holds the position of repairman.

Bertha Slepny, clerk at Merrill, has resigned her position and will take up the study of commercial work at the Terry Institute.

J. E. Bonell, manager at Eau Claire, has secured a contract covering two additional stations for the private branch exchange located in the offices of Drs. Lyman, Derge & Curtis.

T. McCausland, formerly with the Northwestern Telephone Company, at St. Cloud, Minn., has accepted a position as repairman at the Eau Claire exchange.

George Millard, formerly with one of District Foreman Zarbock's crews, has accepted a position at the Eau Claire exchange as local repairman.

James McSherry of Grand Rapids, Mich., has accepted a position as lineman at the Eau Claire exchange, succeeding Grover Rueth.

The Eau Claire line order crew under the supervision of Foreman Snyder completed the moving of the toll lead in Black River Falls, all poles being removed from the main street and placed in the alleys.

C. N. Culbertson, wire chief at Eau Claire, recently completed the installation of a No. 4 private branch exchange for the Wisconsin Minnesota Light & Power Company.

Warren Tweedle, formerly assistant wire chief at Marinette, Wis., is now employed at Eau Claire as assistant wire chief, succeeding Ed Burgen.

The telephone office of the Chippewa Valley Telephone Company at Prentice, Wis., was totally destroyed on the morning of August 22nd by fire that started in the opera house.

Edna Fritz, toll operator at Ladysmith, enjoyed her vacation at the Minnesota State Fair.

George Wise, operator at Ladysmith, spent her vacation at Stevens Point visiting relatives and friends.

Blanche Fritz, chief operator and clerk at Ladysmith, spent her vacation visiting at Eau Claire and Chippewa Falls.

Irene Jordan, operator at Ladysmith, spent her vacation at home.

John Berg, wire chief at Ladysmith, spent his vacation with relatives and friends at his former home, La Crosse, Wis.

Beatrice Baker has succeeded Sadie Jordan as operator at Ladysmith. Miss Jordan is teaching school.

Emma Ever resigned her position as operator at Bruce to be married, and Edna LeVigne has taken her place.

The Amacoy Telephone Company at Bruce is extending its line several miles farther out in the country, and will also run another

circuit from town to take off some of the load.

The Prentice Mutual Telephone Company has just completed another line with eight subscribers, making a total of eighty-two in all. J. A. Morner is somewhat of a booster in the telephone line as well as in the mill business.

John Berg, wire chief at Ladysmith, has returned from a week's vacation at La Crosse, Wisconsin, his former home. On his way back he called at the Eau Claire office to shake hands with old friends.

H. B. Kent, cableman at Superior, is recovering very nicely from an operation.

Mabel McKay, chief operator at Superior, recently spent two weeks' vacation with her parents at Chippewa Falls.

C. C. Carpenter, Supervisor, has resigned his position as repairman and accepted a position as weigher with the Grain and Warehouse Commission.

J. E. Kremz has resigned his position as repairman with the Duluth Telephone Company and accepted a position in the same capacity at the Superior exchange.

Janesville District

The office at Darlington has been remodeled and newly decorated and has a much neater appearance.

Homer Morton, night operator at Darlington, has resigned and is succeeded by Claude Curry.

John Casey, lineman at Janesville, who has been confined to his home for some time on account of sickness, is succeeded temporarily by H. Webber.

The installation of a new thirty-wire test panel was completed September 25th to care for toll lines that now enter the Platteville office.

Mary Holden, assistant chief operator at Janesville, has again resumed her duties after an absence of two months on account of sickness.

Dora Mitchell has been employed as toll operator at Janesville.

Rose Fineran, local operator at Janesville, spent her vacation at Winona, Minnesota.

Agner Elliott, toll operator at Janesville, has been transferred to Madison as assistant chief operator.

Blanche Murray, chief operator at Beloit, has been confined to her home with diphtheria.

Jessie McKenna, chief clerk at Beloit,

spent her vacation visiting friends in Milwaukee.

Grace Crosby, assistant chief operator, at Evansville, spent a two weeks vacation at the State Fair and around Milwaukee.

The Evansville operating force and friends spent the evening of October 1st in a "joy ride" ending at a deserted stone quarry in the vicinity. A fire was built and a "weenie roast" was the grand finale. The affair was held in honor of the twenty-third birthday of Miss Bestor, chief operator.

V. C. Roberts is employed as repairman at Evansville, succeeding O. M. Weaver, resigned.

Madison District

Olive Ladjen, day operator at Jefferson, will take a course at the Spencerian Business college, Milwaukee.

Mary Callahan, local clerk and stenographer at the Madison exchange, has returned to her duties after a week's illness.

Clara Hartwing, chief clerk and stenographer at the Madison district office, reports a very pleasant time on her vacation spent with relatives and friends in the country.

Lester Roberts, assistant local wire chief at Madison, spent a few weeks camping around the lakes at Madison. He reports some large fish caught during the outing.

September proved quite a busy month at the Madison exchange owing to the number of changes in residences about this time. The opening of the University also calls for a very large number of installations at rooming and boarding houses.

Work on the new addition to the Madison exchange is progressing very rapidly under the direction of Phil Lee, foreman for the James Black Construction Company.

Mamie Healy, service observer at Madison, spent a few days with a party of campers at Lake Waubesa.

Joseph Schoen, clerk at the Madison local office, spent a two weeks' vacation in the region of the great lakes. He reports a very pleasant time.

William Conlin, formerly employed at the Madison exchange, is now superintending the engineering of the new addition to the Madison exchange building.

Dorothy Krueger, toll operator at the Madison exchange, who has resigned to be married, was given a shower by a number of the toll operators recently.

Miss Elliott, assistant chief operator at Janesville, was transferred to Madison as assistant toll chief operator.

Mable Wirth, toll operator at Madison, entertained a number of operators recently in honor of her birthday.

Estella Wells, toll operator at Madison, has been promoted to supervisor.

Etta Soelch, former toll chief operator at Madison, is on a leave of absence on account of illness.

Mrs. E. G. Comfort, matron at Madison, spent her vacation at Gary, Ind.

Lela Pledger, supervisor at Madison, spent her vacation at Oregon, Wis.

Mayme Whiting, former operator at Markesan, has accepted the toll position at Waupun, Linda Wrun having resigned to become Mrs. John Van Loonen.

Harold Whiting has accepted the position of repairman at Waupun in place of Charles Seeley, who recently resigned.

Carrie Fellows, chief operator at Whitewater, left the middle of September on her vacation, visiting friends and relatives at Delavan Lake and Chicago.

Maude Niquet, toll operator at Whitewater, visited friends and relatives at Stoutington and Milwaukee during her vacation.

Leona Brown, local operator at White-

water, left the middle of August on her vacation, visiting friends and relatives at Stoutington and Rockford.

Minnie Messerschmidt, night operator at Whitewater, spent her vacation in September at Milwaukee and Madison.

Milwaukee District

The operators of the Waukesha exchange entertained the plant and commercial departments at a marshmallow roast at the Horeb Spring Park September 18th. Mr. and Mrs. G. W. Johnson and Mr. and Mrs. Finch chaperoned the party. The park was decorated with Japanese lanterns; games were played and music furnished by Mr. Finch's victrola.

On October 10th four West Bend operators, Thecla Roeckel, Marjorie Gorman and Clara Homrig, accompanied by their chief operator, Miss Hirschboeck, visited the Grand office.

The following letter was received from a rural subscriber:

Dear Sir Telephone Co.:

"I have notified yous ones that you shell take out of my place phone and wires and wish that you will doo so, for I got a reason why."

Michigan Division

Victor H. Look, Mrs. Nellie Flintham, Correspondents, Detroit

New Michigan Correspondents

Victor H. Look, of the commercial department, and Mrs. Nellie Flintham of the traffic department, Detroit, are the new correspondents of the BELL TELEPHONE NEWS for the Michigan division. David H. Dodge, who was correspondent for several years, has resigned his position with the company and has joined the publicity forces of the Studebaker Corporation. Mercedes Barry, who has been furnishing items from the traffic department, finds her other duties too engrossing and Mrs. Flintham has relieved her of this work.

Service at G. A. R. Reunion

On August 31st, the forty-eighth reunion of the Grand Army of the Republic, opened in Detroit. As this was probably the last reunion of the Grand Army that would ever be held in this city, elaborate preparations were made by the officials and citizens for the reception of the veterans, who gathered from every state in the union.

For this reunion, the Michigan State Telephone Company furnished, free of charge, a special telephone service. A section of A board in the Cherry Office was set apart for this service, and connected to it were twenty trunk lines and forty-five terminals. These terminals were installed in all convention halls, meeting places and hotels occupied by the Grand Army and allied bodies.

Information booths were established at all railroad stations and in prominent places throughout the city. Hospital tents were placed in Grand Circus Park, Washington Park and Cadillac Square. A special card directory, giving terminal number, location and information regarding this service was published and distributed by the company.

It was desired to have all these terminals in operation August 31st, but as a large number of them were to be installed in rooms

in the various hotels, which were occupied by other guests prior to that date, a large part of the work had to be done on the night of August 30th.

Special trunk lines to police headquarters were provided to handle any emergency that might arise.

Special twenty-four hour service was furnished by the traffic department during the reunion and reports indicate that very good service was furnished by the company; the result of good, hard work on the part of the employes of the departments interested.

P. B. X. Development in Detroit

Among the new private branch exchanges and additional equipment installed or ordered in Detroit during the month of September were the following:

| | Trunks | Terminals |
|--|--------|-----------|
| The Detroit Vapor Stove Co. (stoves) new..... | 2 | 6 |
| Rosenberge & Etinger (tailors), new | 2 | 6 |
| Fisher Body Co. (auto bodies), new | 2 | 7 |
| Fixel & Finkelstein (attorneys), new | 2 | 6 |
| Stevens & Edmon Co. (Haines dealers), new | 2 | 8 |
| Cadillac Motor Co. (automobiles), additional | 2 | 10 |

Of the total of six new branch exchange contracts obtained during September, three were secured by Floyd H. Lockwood and three by F. M. Riegel. These new contracts supplied a total of forty-three branch exchange stations for Detroit during September.

Wyckoff Found Out

From the way the employes of the engineering department have followed up a clue which was accidentally let out early in June by F. A. Wyckoff, appraisal engineer of the state engineering department at Detroit, one would think that the entire department had joined the forces of the Burns detective agency.

The problem was answered a few days after Mr. Wyckoff had left for his vacation, in a clipping in one of the evening papers announcing the marriage of Mabel Wilson, who for the past ten years has been organist for the Central Presbyterian Church, to Fred A. Wyckoff. The members of the engineering department are anxiously awaiting the return of Mr. Wyckoff, who is spending his honeymoon in Northern Michigan, so that they may offer their heartiest congratulations.

Mr. Wyckoff is having a substantial residence erected on L'Ange Gardens, South. It was started in May and will be ready for occupancy by January 1st, at which time Mr. and Mrs. Wyckoff will be at home to their many friends.

Fire at New Haven

Fire entirely destroyed the New Haven exchange building on Main street, together with seven other large store buildings. The contents of each building were also destroyed. Manager W. R. Twiss and family, who lived in an addition built in the rear of the drug store, had very little time to get out of the building. All of their personal effects were lost. On account of the absence of Manager W. A. James of the Mt. Clemens exchange it fell to Wire Chief W. S. Leach to see that the New Haven subscribers were again furnished with service. Mr. Leach had two toll circuits working with the outside in

Safety First



Electricians' GLOVES
 Tested to 4,000 and 10,000 volts before leaving our factory.

Made of Fine Para Rubber. The linemen prize them. Special gloves made and tested to higher voltages. Write for prices and details.

CANTON RUBBER CO.
 Canton Ohio

NATIONAL PINS and BRACKETS

SUPPORT THE WIRES from COAST to COAST

WE make EVERYTHING in the line of

WOODEN INSULATOR PINS AND BRACKETS

Order through the WESTERN ELECTRIC CO. BRANCHES or any of the LARGE JOBBERS

NATIONAL PIN & BRACKET CO.

NORTH VERNON, INDIANA



OFFICE IN SUGAR BEET WAGON AFTER FIRE AT ELWELL, MICH.

record time. District Manager Falling and District Equipment Foreman Boardman were notified and immediately went to New Haven. District Manager Falling was very well pleased with Mr. Leach's work and complimented him and the rest of the Mt. Clemens plant force highly on the efficient manner in which they handled the emergency.

Fire at Elwell

The telephone exchange at Elwell, Mich., burned to the ground September 17th. The two pictures, sent to the News by Miss Buerge, of Alma, show the fire in progress and the temporary exchange quarters fitted up immediately after the exchange at the old location went out of service.



FIRE AT TELEPHONE OFFICE AT ELWELL, MICH.

William Blohm is manager at Elwell and Mrs. Blohm is operator. The switchboard was in the living room of their residence.

After the fire the only available place for the switchboard, which had been rescued, was a sugar beet wagon. This was pressed into service and the system at Elwell was soon in operation. In the picture are Mr. and Mrs. Blohm and their child and Miss Painter, who attends school and works at the exchange noons and evenings.

George Butt's In

G. J. Butt, auditor for the Michigan State Telephone Company, Detroit, is in the city on business.—From a Grand Rapids newspaper.

Detroit Winning Contests

Verna Vann, supervisor of the winning First A division, Ridge office, and the girls enjoyed a theater party at the Lyceum, where they saw "Sis Hopkins."

The first evening division, Hickory office, won the September contest, and, accompanied by their supervisor, Margaret Fabert, attended the theater.

The girls of first evening division, Cedar office, were the winners for September and enjoyed seeing "The Rosary" at the Lyceum Theater with Grace Bauer, supervisor.

The second Cherry B division won the contest for September, and on October 9th gave a theater party at the Temple Theater. Amanda Rupp, winning division supervisor, and Ethel Eschmann, senior supervisor, accompanied the girls.

Alice Brown, third A supervisor, Walnut, and the operators of her section won the prize for August. They all went to the Garrick Theater to see "The Bird of Paradise."

Zelma Farewell, first night B supervisor, Walnut office, won the prize for September and enjoyed the play, "Too Many Cooks," on Monday, October 5th, at the Garrick Theater.

Jessie Fisher, day supervisor, fifth division, Ridge, won 100 per cent. for the month of August. The girls went to the Miles Theater

and to a chop suey lunch at the Imperial after the performance.

Hemlock first A section and evening B sections were the winners of the prizes for September and are planning a theater party.

Carmen Spencer, supervisor of the eighth A section, North, and her operators enjoyed a theater party at the Garrick after winning the prize for September.

Antoinette Grewe, supervisor of the third B section, North, won the contest for September and enjoyed a theater party at the Lyceum.

Lila Parkinson, supervisor of second A section, West, won the contest for September.

Anna Kastl, supervisor of the first A section, Cherry A, won the contest for September and accompanied by her girls enjoyed "Too Many Cooks" at the Garrick.

Death of Joseph Campbell

Joseph Campbell, twenty-six years old, a lineman at Escanaba, was instantly killed September 28th when he accidentally came in contact with a heavily charged power wire.

Mr. Campbell had been employed as district cable inspector for the Michigan State Telephone Company for the past two years.

Letter of Appreciation

The following letter of appreciation from the Wholesalers' Division of the Grand Rapids Association of Commerce was received by District Manager C. E. Wilde, of Grand Rapids, under date of October 14th:

Dear Sir—I am instructed by the Wholesale Department of the Grand Rapids Association of Commerce to convey to you the thanks of the members of that department for the interest you took in helping to make their ninth annual Trade Extension Tour the most successful in the history of the organization.

It requires a great many little details to make such a tour a success and I am sure the kindnesses you showed our members while on the tour was in no small way responsible for the great success of the affair.

Again thanking you for the Wholesalers, I remain, very truly yours,

LEE H. BIERCE,
Assistant Secretary.

Fair Manager's Tribute

George W. Dickinson, secretary and manager of the Michigan State Fair Association, made the following comment about the service rendered on the grounds this year: "I appreciate the kind of service rendered this year. It was certainly first-class in every way and have no fault to find. This should go a long way in building up the confidence of the people in the management of the telephone company."

Words of Appreciation from a Funeral Director

Royal Oak, Mich., October 14, 1914.
J. E. Scott, District Manager, Michigan State Telephone Company, Detroit, Mich.

Dear Sir:—Believing that your employees should be thought of now and then as well as anyone else, allow me to voice my great appreciation of the fact that through your local manager and chief

NATIONAL

Double Tube Copper Connectors

are accurately made. They give less trouble and longer service than other types.



National Signifies Quality in Connectors.

National Telephone Supply Company
3932 Superior Avenue CLEVELAND, OHIO



No. 20
Cyclone Plumber's Furnace

INSIST UPON HAVING THE No. 20 CYCLONE

You may ask why. The reasons are many: Tank made of heavy galvanized steel and is aluminum bronzed. No cast ring on bottom of tank to break. Hood locks on firmly and will not fall off, and is japanned. Brass pump has seven inch stroke and no springs to get out of order.

Circulars and prices furnished upon application.

DOUBLE BLAST MFG. CO.
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THE HANDIEST THING TO GET
—IS—
Klein's of Tools
A Useful XMAS GIFT
Mathias Klein & Sons
Canal Station 62
Chicago, Ill., U. S. A.
Telephone Wabash 628

Catalog illustrating and pricing tools of interest to YOU sent on request



TROUBLE FINDERS—
Inexpensive, But Right!
The inductive fault finder shown here has made good for two years in a big eastern Bell company. It was designed by one of the best testing engineers in the country, a man who has been years at the game and who knows it from A to Z—a "Bell Telephone" engineer, by the way.
If you want a simple and efficient tester, write us.
THOMPSON - LEVERING COMPANY
PHILADELPHIA, PA., U. S. A.

operators and operators I have always received No. 1 service, kindness and courtesy over the line and quick service and accommodation at all times. I greatly appreciate same and commend them all upon their cheerful disposition and good will. Wishing them success, I am,
Very truly yours,
EDWARD O. KELLY.

Detroit District

For several days Joseph Swale, of Mr. Berry's office, carried one arm in a sling as a result of a fall on a slippery floor. Said to have been practicing army tactics.

Work installing underground cable to the Hotel Tuller, at a cost of \$1,903, began October 5th.

Installation of underground cable to the David Whitney building, at a cost of \$2,269, was started October 5th.

Deila Murray has been promoted from operator to record clerk at Walnut.

Rena Cooper has been promoted from operator to supervisor at Walnut.

The evening supervisors and senior operators of the Ridge office gave a farewell luncheon in the café at the office Saturday, September 5th, for Miss Platts, the relief chief. The color scheme was carried out in pink and white. The center piece on the table was a large bouquet of pink and white roses, while on either end was a large cake with "Farewell" written in pink on white frosting. The favors were small hand crocheted baskets filled with pink and white candles, while the diamond shaped place cards were tied to the handles with pink ribbons. The table was set for seventeen, and those present were the Misses Nobis, Rohrbeck, Wiegand, Missig, Blank, Trömbley, Poelke, Richards, Kirschner, Vann, Schneider, Meier, Myzk, Maurer, Hicken and Bachmeyer. Following the luncheon Miss Platts was presented with a beautiful cut glass water set and reflector, also a large box of candy presented by the operators and supervisors.

The day girls at Hemlock are making arrangements for a sewing circle one evening a week. They are also planning to have a volley ball team.

On August 24th Hazel Bollo was married to Frank Klure. They will reside on Continental avenue. A shower was given by one of the girls at her home.

On the evening of October 10th Katherine Horsch was married to Guy Harrington. On October 5th a shower was given in the rest room of Hickory office.

On October 2nd Jennie McFadden, Cedar, was quietly married to John McClellan.

On September 9th, at 5 p. m., Georgiana Myers, formerly the Walnut record clerk, was married to Harry Wilbur.

Margaret Kroehi and Fred Schmerer were married at the home of the bride's mother Wednesday evening, September 9th, at 7 P. M.

Marcia Creore has resigned from Ridge office to be married.

Maude Battke, Cherry B, resigned and married Noble Brady. Miss Battke has been in the service five years.

Elizabeth Huggins, Cherry B, resigned to become the bride of C. Conley. They intend to make their future home at Palm Beach, Fla.

Mary Reinas, West, resigned and was married to Frank Stanback.
J. A. Treffer, inspector in the engineering department, who has planned to return to his home in Geneva, Switzerland, has changed his mind because of the war in Europe and

has decided to move to Grinnell, Iowa. Mr. Treffer left Saturday, October 10th.

C. S. Owen, assistant district line engineer; C. P. Flynn and L. J. Leidig, inspectors, formerly connected with the engineering department, were tendered a farewell banquet September 30th, on the eve of their departure to take up positions with the Ohio State Telephone Company. They have the very best wishes of every one connected with the engineering department for their success in their new field.

The agreement between the Michigan State Telephone Company and the American Express Company whereby the latter agrees to act as the former's agent for the purpose of accepting payments of statements of accounts of its subscribers, was recently renewed. The system established is so arranged that the telephone bills of the subscribers may be paid at any of the various branch offices of the Express Company. The fee charged the subscriber by the Express Company for each bill is five cents. The arrangement saves trouble and street car fare for the subscriber.

Eastern District

W. L. Grindell succeeds W. H. Burt as manager at Redford.

Work covering construction of new pole lines at Wyandotte, stringing new aerial cable and wire and retirement of duplicate plant has been completed. Under the estimate, which involves expenditure of \$5,831, all dual construction was removed, all open wire leads dismantled and No. 17 copper distributing wire installed. The facilities are designed for five years' growth.

Cherry Beach toll station has been discontinued for the winter months. In future this station will be considered a class D office on Marine City.

Grace Stoddard, local supervisor at Battle Creek, was recently married to Arthur Thomson. Nell Steinman, local supervisor, resigned to be married to Alford Boaz. The operators presented both young ladies with beautiful pieces of cut glass.

Evelyn Stoddard has been promoted from local operator to toll operator at Battle Creek.

Doris Wilson, Daisy Macey and Rosa Brandt, local operators at Battle Creek, have been promoted to the positions of supervisors.

Bernice Powle, toll operator at Battle Creek, spent her vacation in Cadillac.

Florence Ferguson, toll operator at Battle Creek, spent her vacation with relatives in Valparaiso, Ind.

Corah Bartlett, toll supervisor at Battle Creek, spent her vacation with relatives in Hillsdale.

Bertha Sibole, assistant chief operator at Battle Creek office, spent her vacation with friends in St. Ignace.

Mrs. Howard Faulkner, chief operator at Battle Creek, spent a week's vacation with friends in Otsego.

This looks good for Manager Kelly and is highly appreciated by the Telephone Company.

MERCHANTS' CREDIT ASSOCIATION AND BUSINESS MEN'S CLUB.

Ann Arbor, Mich., September 25, 1914.
Mr. J. J. Kelly, Ann Arbor, Mich.

Dear Sir:—As the telephone service in our office and our places of business has been greatly improved, we the undersigned members of the Board of The Retail Merchants' Credit Association and Business Men's Club wish to congratulate you on the success of improving the service since you have been in the office of manager of the Michigan

State Telephone Company of our city. We appreciate the promptness in our reports of trouble on our lines, and wishing you all the success during your stay in our city, we remain,
Yours very truly,
(Signed) **JOHN THEURER,**
President.

Wednesday, September 30th, the day toll operators at Battle Creek enjoyed a 6:30 dinner at the chop suey restaurant and afterwards a box party at the Bijou Theater.

Work has been started on new underground construction at Plymouth.
J. W. Riddle, manager at Plymouth, has resigned.

Grand Rapids District

R. Ewald succeeds Frank V. Handy as manager of Mears toll station.

Genevieve Burke, operator at Dutton branch exchange, was married to Ray Gannon of White Cloud, Mich., on September 23rd. Margaret Burke is now in charge of the Dutton office.

Agnes Schloss, local operator at Grand Rapids, was married to Will Dauser on September 23rd.

Sadie Nell, toll chief operator at Grand Rapids, returned October 5th after having spent two weeks' vacation in Detroit and Olivet. While at Olivet she visited her sister.

Emma Palmer, main chief operator at Grand Rapids, returned October 12th after having visited at Detroit and Salem for two weeks. While in Detroit Miss Palmer and Miss Nell visited the main offices of the company. They were also entertained at a dinner party at the Hotel Ponchartrain by Ray C. Sackett, formerly toll chief at Grand Rapids. Miss Palmer's chief amusement, so she claims, was driving her uncle's horse and buggy while in the country town of Salem. Miss Nell's hobby is fishing, so we have been told.

On October 15th occurred the wedding of Maude A. Gregory of Ludington and A. E. Huntley, manager at Benton Harbor. The bride is the daughter of William Gregory, and is one of Ludington's brightest young ladies. The groom, who was manager for the Bell company at various exchanges, is widely known throughout Michigan as a very capable telephone man. Mr. and Mrs. Huntley will make their home in Benton Harbor.

Public pay station booths have been placed in the new Pantlind Hotel. The hotel was opened to the public last month.

Miss Spoelstra, clerk in the Grand Rapids collection department, resigned September 10th and was succeeded by Miss Warzburg, clerk in the district manager's office.

Arrangements have been completed whereby a private branch exchange will be installed in the new factory of the John D. Raab Chair Company, which is one of the largest furniture factories in Grand Rapids.

Harry Kelly, commercial agent at Grand Rapids, has returned from a two weeks' vacation, spending most of his time in Ohio.

The Michigan State Telephone Company's exhibit at Greater West Michigan State Fair was in charge of Fred Saunders, chief commercial agent. The fair was held September 1st to 7th. An interesting feature of the exhibit was a comparison of telephone development in European cities having government ownership compared with cities in the United States having private ownership.

A contract has been signed by the Grand Rapids Bedding Company covering a private branch exchange to be installed in the company's new offices. The cordless type of board is to be used.

Jennette Boldt of the Grand Rapids com-

mercial department has returned from a vacation spent mainly in Chicago, Ill.

H. F. Crawford has resumed his duties as manager of the Grant and Newway exchanges. Mr. Crawford was granted leave of absence on account of the serious illness of his wife. Mrs. Crawford is much improved. R. S. Van Antwerp, who had been manager at Grant, continues as manager at Sparta.

Once again we chronicle the return from Marion, Ind., of G. W. Johnson, traffic chief, at Grand Rapids. We feel, in the interests of Grand Rapids, that the Association of Commerce should be requested to send Mr. Johnson some literature on "doing your trading at home." These numerous little trips are depositing some perfectly good Grand Rapids money in Indiana. We are informed, however, that the next visit will finish Johnson. Is she a militant?

Jackson District

F. J. Scahill, house service expert at Jackson, was delayed two days in Chicago on account of an overindulgence in huckleberry pie.

Manager Stevens secured a contract for a No. 2 private branch exchange to be installed in the Elks' Temple.

Who said that June was the month of brides? Rights at the Jackson exchange Dan Curdie was particularly active on his job during the past month, as the society editor would say. First, Madeline Fitzsimmons, toll operator, married D. H. Henderson of Detroit. The event was celebrated at St. John's rectory. Then William Bland, known as the "mascot" of the plant department, was married to Irene Raymond on Friday, October 2nd, the lady in the case being formerly a local operator. The best man was Alfred Bland, toll repairman, so with the exception of the minister it was entirely a telephone wedding. It looks as if the Jackson exchange is getting to be a regular matrimonial center. However, service is not being affected in any way, as we are keeping the boards filled up with just as good looking girls as those that leave.

On Friday, October 9th, the toll girls gave a party in honor of Mrs. Henderson, formerly Madeline Fitzsimmons, in celebration of her marriage above mentioned. About twenty girls were present and presented her with a "cute" lunch set.

On October 6th gym classes were started for the Jackson telephone girls. These are to be held on Tuesday evening every week at the local Y. W. C. A. So far about thirty operators have turned out for these classes, and it is the hope of Miss Shorr, chief operator, that at least three basket ball teams can be organized. Last year the girls had a strong basket ball organization and won one out of the two games which they played. Miss Shorr has expressed a desire that nearby exchanges might organize basket ball teams, forming a telephone league.

A test panel has been installed at Hillsdale by J. E. Bridges, district equipment installer. As Hillsdale maintains some 180 miles of toll circuit, this panel is a welcome addition, as it will greatly facilitate in testing local and toll trouble. While at Hillsdale on the above job, Mr. Bridges gave a spectacular exhibition of motorcycle riding on the main street. The reporter for the Hillsdale Leader reported the performance as follows: "The prison city man is a semi-professional motorcyclist and was ambitious to show the natives of Hillsdale the real thing in riding. He was going south at high speed when 'Pat,' Pete Coscarelli's ginger colored bull terrier, attempted to act as escort for the rider by running ahead of the machine.

The result proved disastrous for biped and quadruped. Both wheels of the machine ran over the dog crosswise, lengthwise and otherwise. The rider shot through the air with velocity and grace, and landed some distance away on his hands and knees on the brick pavement in the proper attitude to receive the slap stick when a candidate is initiated as a Prince of the Orient. The dog escaped on three legs and ran howling with pain into the rear of Pete's banana emporium. A big crowd gathered, some offering to turn in a hurry-up ambulance call, others offering to run for bandages, splints, absorbent cotton, arnica and other emergency requisites, while others blamed the innocent dog warden for being off duty. Happily, Mr. Bridges was unharmed. It is a safe bet that the next time our Jackson friend crosses a dog he will be dead sure that the dogged dog is dead. It is hoped that this slight embarrassment will not deter him from giving future aerial performances. They are big crowd getters, and in the language of the sideshow blower, are worth double the price of admission."

The installation of two additional sections of toll panel at Hillsdale was completed on September 26th. This furnished facilities which were much needed. There are now four toll positions available, all being arranged for recording as well as for receiving and passing in and out calls. E. S. Lane was in charge of the installation and did the job in such a manner that the operating force suffered no inconvenience or serious trouble. The frame, signals and multiple were transferred from the Mt. Clemens office, but new key shelves and apparatus blanks were furnished. Hillsdale now has thirteen busy toll circuits and checks for eleven subsidiary offices. Also, it might be mentioned that all switching for offices in southern Michigan calling points in the Central Union territory reached over joint lines of the two companies is done here.

Mr. and Mrs. A. W. Leet and Mr. and Mrs. G. W. Johnson left on October 8th for an automobile tour to Fredonia, where they visited Mr. Leet's former home. They left Jackson at 7 a. m. Thursday and arrived in Fredonia Friday evening, October 9th, which was fast traveling.

On Wednesday, September 23rd, the Jackson supervisors attended an educational meeting and an attempt was made to take their pictures. However, the News readers are for the present denied the privilege of seeing the vivacious faces of these young ladies smiling from this page, as the photograph was a failure. The meeting, however, was a success. H. V. Weed, of Detroit, was master of ceremonies and he was ably assisted by Local Manager W. L. Stevens. The meeting was preceded by a dinner at the Pierce café.

Florence McMillan, pay station attendant at the Otsego Hotel, Jackson, who has been ill for several weeks, is able to resume her duties.

Kalamazoo District

H. R. Conner succeeds E. K. Warren as manager at Three Oaks.

Work under the estimate covering construction of crossings between Kalamazoo and Grand Rapids, to cost \$2,536, was started September 21st.

Lansing District

M. Ismay has been appointed line foreman at Lansing, succeeding W. Markham, resigned.

B. R. Marsh, district manager at Lansing,

spent his vacation in the northern part of the state.

The operators of the Lansing exchange received a large basket of peaches and grapes from the governor's office in acknowledgment of good service.

Hazel Minnis, chief operator at Lansing, spent a very enjoyable vacation in Milwaukee, Wis.

Bertha Tierson, traffic clerk at Lansing, spent two weeks at Hammond, Ind., on her vacation.

Mrs. Leona Crostic, evening chief operator of Lansing, spent her vacation in Grand Rapids and Detroit.

Mrs. Helen Robbins has been appointed toll supervisor at Lansing.

Mabel Ribby, information operator at Lansing, who has been absent for two months, is back again.

Edith Sabrowsky has been promoted from local operator to toll operator at Lansing.

C. Rettis, manager at Fenton, enjoyed an automobile trip during his vacation. He visited Detroit, Flat Rock, Port Huron and his home town, Carsonville.

Gladys Wiles, operator at Fenton, enjoyed a two weeks' vacation at Detroit and Grand Rapids.

Mabel Seeley, Gladys Wiles and Irene Brock, operators at Fenton, were entertained by the Holly operators one day recently.

Marquette District

Additional Morse central office equipment for the Upper Peninsula has been installed at Marquette.

Higgins toll station has been discontinued by the Munising Telephone and Electric Company.

A toll station has been opened at Otten Siding on circuit No. 5351; Houghton Lumber Company, managers.

Menominee District

A construction crew is working on the new Iron Mountain-Republic toll circuit which has been completed as far as Witch Lake, a distance of thirty-three miles. It is expected that the line will be completed soon and ready for service. At the present time service is being furnished from Sagola and Channing over the new line.

Petoskey District

B. J. Wisner, manager at Holly exchange, with Mrs. Wisner, spent a vacation at Traverse City and called at the exchange.

Repairman F. W. Crowe, who was injured some time ago by a pole breaking, is getting along nicely and expects to be able soon to return to work.

Wire Chief Roy Earl spent his vacation at Glen Lake.

Foreman Morsman has started work patrolling toll lines in the Traverse City region, and it is expected that this will reduce the toll-line trouble and expense.

Lottie Stadelbauer, toll operator at Traverse City, enjoyed a two weeks' vacation during October.

Mrs. Blanche Bryant has returned to her duties as manager of Fife Lake exchange after spending a three weeks' vacation in Buffalo.

An official of one of the Western Bell companies was recently in Petoskey and passed a call to Omaha. The connection was established and the parties were talking several minutes. The official was so well pleased with the service that he did not even murmur when he was accidentally locked in the booth and could not free himself. In order to prevent similar occurrences, the

TELEPHONE WIRES

ENAMEL,
SILK,
COTTON,

Magnet Wire

PROMPT DELIVERIES

ROME WIRE COMPANY

ROME, N. Y.

EUREKA Fibre Insulated Nails Fibre Cable Hangers

Always Insure
Perfect Insulation



The most convenient and satisfactory Specialties used in Telephone Work. Extensively employed by the best companies. Endorsed by the leading engineers.

Free Samples and Quotations furnished promptly on request.

EUREKA SUPPLY CO.,

Member Society for Electrical Development—Do It Electrically



SEWELL, N. J.

locks have been removed from the booths at this exchange and a piece of thick leather has been tacked to the door casing so that it binds sufficiently to hold the door shut.

On September 12th, fire destroyed about 100 feet of each of two fifty-pair cables at

Lena Miller has taken a position as toll operator at Mt. Clemens after a two months' absence.

Corra Sawitzky, night operator at Mt. Clem-

evening was spent in music and games, after which the guests were invited to the dining room, where supper was served. As a remembrance Miss Seitz was presented with a handsome ivory clock.

Charles Murphy, switchboard man at Port Huron, has returned after spending his vacation in the eastern states.

Foreman Gibson has four crews working out of Port Huron.

The toll station at Pearl Beach has been discontinued for the winter. Pearl Beach will be considered a class D station on Algonac.

A "good time" contest has been on at LaPeer. The day force and the relief force are the contenders. A. A. Backus, Ed. Pierson and C. J. Jackson are the judges, but no decision is in sight. The contest consisted in spreading the best picnic repast. The picture on this page shows the relief force in action.

Saginaw District

The exchange at Farwell has been discontinued and the subscribers transferred to the exchange at Clare.

A toll station has been opened at Farwell; Fuller & Harris, managers.

A new wire chief's desk has been installed at Bay City.

Fifty new contracts for service were taken at the Bay City exchange during the first seventeen days of October, indicating that the telephone business is keeping well up to the standard and rather contradicting the general idea that business is stagnant. This much business in the Bay City exchange without any particular solicitation appears to be a very good showing. If the requests for service continue at this ratio for any length of time it will be necessary to increase the plant facilities.

Sault Ste. Marie District

P. Mulvehill, manager at St. Ignace, returned September 21st from a two weeks' vacation at his old home at Venesta, Ont., Can., being his first visit there for thirteen years. While in Canada he also visited Buckingham and Ottawa. He states that war preparations were everywhere evident and many people out of employment.

The commercial office and operating room at St. Ignace have been redecorated.

Lee Porter, who has been employed as temporary lineman at Mackinac Island during the past summer, resigned to resume his studies at the University of Michigan. This will be his third year in the engineering department.

Mrs. Edith Prentice, toll operator in charge at Trout Lake, has been away on a leave of absence since September 1st, visiting at Traverse City, Harbor Springs and Detroit. Her place has been filled by Margaret McGraw, chief operator at St. Ignace.

Evangeline Beloungue, who has been operator at Mackinac Island all summer, left for a vacation before returning to her home in Cross Village.

Lottie Gerrie, chief operator at Sault Ste. Marie, has returned from a two weeks' vacation in Grand Rapids.

Lillian McDonald, formerly of the commercial department at Sault Ste. Marie, was back for a short time last month because of extra work. The patrons were glad to welcome her again.

The Brimley Telephone Company has just completed a toll line to Wellsburg. A ten-cent toll charge from Brimley will be made.



PICNIC AT LAPEER, MICH.

Jordan. A cable man was immediately summoned from Boyne Falls to East Jordan and by Monday night all of the trouble had been cleared on one cable. By Tuesday afternoon the entire situation was restored to normal.

All of the school telephones which were discontinued last spring when the concession rates were discontinued have been taken back, one school outside the city limits even taking a \$30 telephone, plus mileage.

The toll station at Vanderbilt was discontinued September 23rd.

A. P. Whiting succeeds Nason Richmond as manager at Kalkaska and South Boardman exchanges.

Mrs. L. Overton has been appointed manager at Mackinaw City, succeeding Hunt and Treanor.

A. M. Wynkoop has been appointed toll agent at Cedar Run, succeeding J. M. Pike & Son.

The Homestead toll station of the Benzle Consolidated Telephone Company was discontinued as of September 12th. This office is now a class D station of Benzonia.

Port Huron District

Minnie Blewer, cashier at Mt. Clemens, has resigned and is soon to become a bride. Myrtle LeFevre has been promoted to cashier.

Elizabeth Cook, Mt. Clemens toll operator, has returned from a two weeks' vacation spent at Battle Creek.

its object the relief of distress amongst the poor of the city of Chicago.

As outlined it is proposed to give a series of entertainments during the winter which will be upon a scale

has resigned her position and will soon be married to Wayne Adair, of Utica, Mich. Ella Chisholm is the new night operator at Mt. Clemens, being promoted from toll operator.

W. A. James, local manager at Mt. Clemens, and Mary Van Landegham, one of the city's well-known young ladies, were married on the evening of September 28th at St. Peter's rectory. Immediately after the ceremony the couple left for an extended honeymoon trip in the West.

The Mt. Clemens Daily Leader in an account of the wedding, said: "The groom has a wide acquaintance in the city and occupies a position of standing in the business affairs of Mt. Clemens. He has the elements of personal popularity and best wishes will follow him from one and all. Here's a bumper to Mr. and Mrs. James! May their pathway be strewn with everything that makes for happiness."

Since the toll station at Pinnebog was discontinued Pinnebog is securing regular toll service from the Consolidated Telephone Company.

Sadie Needham has been appointed chief operator at Port Huron to succeed Helen Seltz, transferred to Flint.

Anna Russell has been promoted to toll supervisor at Port Huron.

Blanche Marx and Margaret Darrach, toll operators at Port Huron, spent their vacations in Detroit.

On Friday evening, October 2nd, Hazel Sumner, local day supervisor at Port Huron, was pleasantly surprised at her home by the members of the traffic department. The hours were spent in playing cards and music, after which a dainty lunch was served.

In honor of Helen Seltz, formerly chief operator at Port Huron, the members of the traffic department were delightfully entertained at the home of Mrs. Harold Davis, Monday evening, September 27th. The affair was a complete surprise to Miss Seltz. The

"The French" FOLDING DOOR Telephone Booth

(Patent Pending)

VENTILATION: The design of the FOLDING DOOR is such that the door is open at all times when the booth is not in use. This is the only practical plan for booth ventilation. This is one of the many advantages of the FOLDING DOOR telephone booth.

Write for booklet describing the advantages of the "Folding Door" Booth

C. B. FRENCH CABINET COMPANY, Inc., Brooklyn, N. Y.

DISTRIBUTORS:

Western Electric Company

Houses in all principal cities



Door Open



Door Closed

Poles

FROM THE
Stump
TO THE
Line

Largest Stocks
Finest Quality
Promptest Shipments

Yards from Maine
to Washington

National Pole Company

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The result proved disastrous for biped and quadruped. Both wheels of the machine ran

When you want a Lock
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that lasts
and
keeps down
transmission losses
is strung on



"Thomas Quality" Porcelain Insulators

Wherever service conditions
are unusually severe these
brown glazed porcelain insu-
lators will meet the require-
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rigidly inspected before it
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Welded Steel tanks.
Funnels to simplify
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"DUST PROOF"
caps on filterscrews.
All fittings are ex-
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Patented
No. 12 Pump, \$4.00
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Special iron work for inside equipment in
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CHICAGO

YOU'RE WASTING TIME

If You Haven't Started Using

FRANKEL'S TEST CLIPS

No peeling the wires. Perma-
nent, positive connection every
time and no damaged wires to
repair.

during October.

Mrs. Blanche Bryant has returned to her
duties as manager of Pife Lake exchange
after spending a three weeks' vacation in
Buffalo.

An official of one of the Western Bell
companies was recently in Petoskey and
passed a call to Omaha. The connection
was established and the parties were talking
several minutes. The official was so well
pleased with the service that he did not
know he was accidentally locked

Hudson and Vestry Sts.
NEW YORK CITY

STANDARD



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Wires—Coil Windings—Cord Tips and Terminals.

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2318 South Western Avenue

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Bell Telephone News

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BELL TELEPHONE NEWS

ONE POLICY

UNIVERSAL SERVICE

ONE SYSTEM

Volume 4

CHICAGO, ILL., DECEMBER, 1914

Number 5

BELL TELEPHONE NEWS

Published Monthly by

CHICAGO TELEPHONE COMPANY
WISCONSIN TELEPHONE COMPANY
THE CLEVELAND TELEPHONE COMPANY
MICHIGAN STATE TELEPHONE COMPANY

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A. BURT, *Vice President and Treasurer*
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Issued by the PUBLICITY DEPARTMENT

Amory T. Irwin, Editor
BELL TELEPHONE BLDG. - CHICAGO, ILL.

SUBSCRIPTION PRICE—Two Dollars per Year in advance, to all persons except employes of the above named Telephone Companies.

Entertainments for Charity Planned

A plan is being considered by the officials of the Chicago Telephone Company, the Peoples Gas Light and Coke Company and the Commonwealth Edison Company which has for its object the relief of distress amongst the poor of the city of Chicago.

As outlined it is proposed to give a series of entertainments during the winter which will be upon a scale never before attempted here by amateur organizations either as to size or completeness of detail.

One of the largest theaters in the city will be engaged, competent directors secured and everything will be done to make these entertainments memorable in the history of the city and creditable to those who participate in them.

Relief measures have been instituted for the benefit of suffering humanity overseas and it is the earnest hope of everyone that these will meet hearty and generous response from every quarter.

But while sympathizing with those in the war-stricken countries abroad we must not lose sight of the sick, the destitute and the jobless in our midst. It is these, our unfortunate townsmen,

that the proceeds from the proposed entertainments are designed to help.

The only way in which the plan can be carried to a successful and beneficent conclusion is by the hearty cooperation and assistance of our employes.

The officials of the Chicago Telephone Company bespeak this cooperation and assistance on the part of the Glee Club, of the Orchestra, of the Band, of every man and woman who can sing a song, dance a step or do a bit of stage work.

Your positions insure you against the pinch of poverty, the gnawing of hunger and the bite of winter's cold. Will you not put your shoulder to the wheel and do the good turn for your less fortunate Chicago neighbor?

Collecting the "War Tax"

The following explanation is given of the Bell System's provisions for collecting the Federal tax on telephone messages, which went into effect December 1st:

The preparation for the collection of the one-cent tax on all messages of fifteen cents or over has been a big job for the company. A special piece of mechanism had to be devised and placed in all coin box telephones. This meant changing every coin box telephone in the system, a tremendous job in itself. The tax of one cent is to be inserted, as directed by the operator, in the quarter slot in the coin box by the person who sends the message. By means of a mechanical device the tax payment will fall into a separate compartment in the coin box. Special preparations for billing regular subscribers correctly for the tax imposed on their messages of fifteen cents and over also had to be made. New collection routines had to be prepared and new systems of accounting worked out. The telephone company has advised all telephone users of the new law and the methods put into effect for collecting the tax. Notice giving full directions have been placed on all public telephones and all subscribers have been advised by means of a circular enclosed with their monthly bills. This circular explains the method of making the charge for the tax and

gives a digest of the law relating to it. The law applies not only to all messages on which the rate is fifteen cents or more per message, but also to all messages on which the total charge, including overtime, amounts to fifteen cents or more. Thus, while a single call at the rate of five cents bears no tax, should the conversation be prolonged over a period which would make the aggregate charge fifteen cents or more, the tax of one cent is imposed. All telephone bills rendered during the life of this law will include a toll service statement that will show those messages on which the tax is to be levied, together with the amount of such tax. The law directs that this tax shall be collected from the person paying for such messages or conversation and places the responsibility for collection upon the telephone company.

The First Blow

The old man of the North, or "Kid" Boreas, as our sporting editor might perhaps name this contender who never fails to come back, got in the first blow of the winter mill at and around Green Bay, Wis., on Friday, the thirteenth of November. This day of evil repute did not fail to justify its fame.

Plant men of the Wisconsin Telephone Company spent several busy days restoring service temporarily and the inevitable permanent repairs must be made and the company's treasury lightened accordingly.

Indian summer has come to be like the fabled bojinghi. "There ain't no such animal." A year ago, during Indian summer, wire systems in and around Cleveland, Ohio, were reduced almost to extinction by the worst storm in the history of that region for any season. Now comes this news from Green Bay and we just heard that they had two feet of snow at the "Soo."

Have a heart, Winter, have a heart!

Health Note

It is not by coddling ourselves in poorly ventilated and overheated living rooms that we may best prepare ourselves for standing the rigors of the average winter in this climate.

Two Million Telephones

If a subscriber to the telephone service of the Bell System and connecting companies living anywhere in Illinois, Michigan, Wisconsin, Indiana or Ohio within the territory operated from Chicago had the leisure he might now talk directly to more than two million other telephone users in that territory.

The two-million mark in total number of regular and connected stations for these companies was passed some time in October. For October 31st the combined station reports showed a total of 2,004,447 telephones in the five states. The gain for October was 8,475, of which the Chicago Telephone Company gained 4,782.

The distribution of the 2,004,447 among the companies and divisions follows:

| | Regular | Con- nected. | Total |
|---|-----------|-----------------|-----------|
| Chicago Telephone Company: | | | |
| Illinois | 452,399 | 3,326 | 455,725 |
| Indiana | 9,856 | 3,312 | 13,168 |
| Entire company. | 462,255 | 6,638 | 468,893 |
| Wisconsin Telephone Company | 148,470 | 127,614 | 276,084 |
| Cleveland Telephone Company | 62,201 | | 62,201 |
| Michigan State Telephone Company | 207,848 | 62,804 | 270,652 |
| Receivers, Central Union Telephone Company: | | | |
| Illinois | 87,583 | 251,569 | 339,152 |
| Indiana | 51,841 | 185,986 | 237,827 |
| Ohio | 119,795 | 199,843 | 319,638 |
| Entire company. | 289,219 | 637,398 | 926,617 |
| Total (five companies) | 1,169,993 | 834,454 | 2,004,447 |

The first statement of the number of stations of the companies named above was for July 1, 1911, published in the August, 1911, issue of the BELL TELEPHONE NEWS. The comparison as printed then was between the companies. Looking back to this statement it is found that during the interval from July 1, 1911, to November 1, 1914, three years and four months, the Chicago Telephone Company has gained 114,748 regular tele-

phones. The gain in connected stations was only a few hundred. The Wisconsin Telephone Company has gained 45,497 regular and 47,266 connected stations; and the Cleveland Telephone Company, 17,903 regular telephones. (The Cleveland company has no connected stations.) The Michigan State Telephone Company gained 43,992 regular and 9,524 connected stations and the Central Union Telephone Company, 57,533 regular and 162,347 connected stations.

The territory operated from Chicago contains between one-fifth and one-fourth of the telephones in the whole system of Bell and connecting companies in the United States.

Cut-over at Garfield

On Saturday evening, November 21st, the old Doan office of the Cleveland Telephone Company on East Nineteenth street, Cleveland, Ohio, was discontinued and the new Garfield office on East One Hundred and Fifth street was put into operation. The transfer of the 10,000 telephones was made in a very satisfactory manner and only four permanent signals resulted. These were cleared promptly.

General Manager Smith had invited the following to be present at the cut-over in addition to Cleveland company officials: E. W. Doty, member of the public utilities commission; George X. Cannon, telephone expert, public utilities commission; Alfred A. Benesch, director of department of public safety and chairman of board of underground wire supervision; Charles W. Stage, director of department of public utilities; Thomas Sidlo, director of department of public service; E. W. P. Smith, city electrician and secretary of board of underground wire supervision; Maurice Sarbinsky, former city electrician, now secretary to director of public utilities; Charles S. Howe, president Case School of Applied Science.

Mr. Benesch gave the signal to cut over at 10:40. This rang an electric bell in the wire chief's quarters of the old and new offices. The cut-over was completed in one minute. It had been arranged that Maurice Sarbinsky, who some time ago was night repairman in the old Doan office, should make the last call from Doan and the first from Garfield. This he did, calling the police department in one case and the fire department in the other.

The guests displayed an active interest in the entire equipment and operation. Some of them remained afterward to the lunch, which was served in the operators' dining room to all present, including forty telephone employes.

The traffic of the days following the cut-over failed to develop a single case of outside plant trouble. The scattering trouble in the supervisory relays was rapidly cleared by the Western Electric Company men.

The new Garfield office is located on East One Hundred Fifth street, just south of Euclid avenue. It is a fireproof two-story building of stone and concrete construction and contains the most modern apparatus available in the telephone field. Among the new features that have been installed are automatic ringing on all incoming calls from other exchanges and a double signal system on all subscribers' lines.

The large, airy operating room, where 100,000 connections are made each day, is located on the second floor of the building. There is a recreation room furnished with comfortable chairs and couches, a locker room for the operators' personal belongings, and a lunch room in charge of a matron and assistants. There is also a recreation ground and tennis court in the rear, maintained by the company for the use of operators.

Leased Wires Free of Tax

Robert Williams, Jr., acting commissioner of internal revenue, issued today regulations governing the payment of war taxes on telephone and telegraph messages, which become effective on December 1st. He rules that messages transmitted over private leased circuits, and relating exclusively to the business for which the wires are leased, will be exempt from the tax. This means that wires leased by brokers and newspapers will not be taxed.

Where leased wires are used for transmitting messages not relating to the business for which they are engaged, the return must be made for all messages which would cost fifteen cents or more on a public wire. Messages from employes of the telephone and telegraph companies concerning company affairs are likewise exempt, but franked messages, if of a private character, are taxable. No stamps are required on messages from officers and employes of the federal and state governments.

The wire companies are to make one return for all of their lines, and not a separate report from each station. Where messages travel over both telephone and telegraph wires they are to be taxed only at the point of origin. Messages originating at automatic telephone stations, and costing fifteen cents or more, are subject to the tax, and the regulations say that "the method of collecting the tax from the senders of such messages is a matter wholly within the province of the companies handling them."—*New York Times*, November 20, 1914.

FEDERAL REVENUE TAX

Please have **ONE CENT** ready to deposit as directed by the operator when the charge for the message is 15 cents or more

Office of
Commissioner of Internal Revenue

Treasury Department
Washington

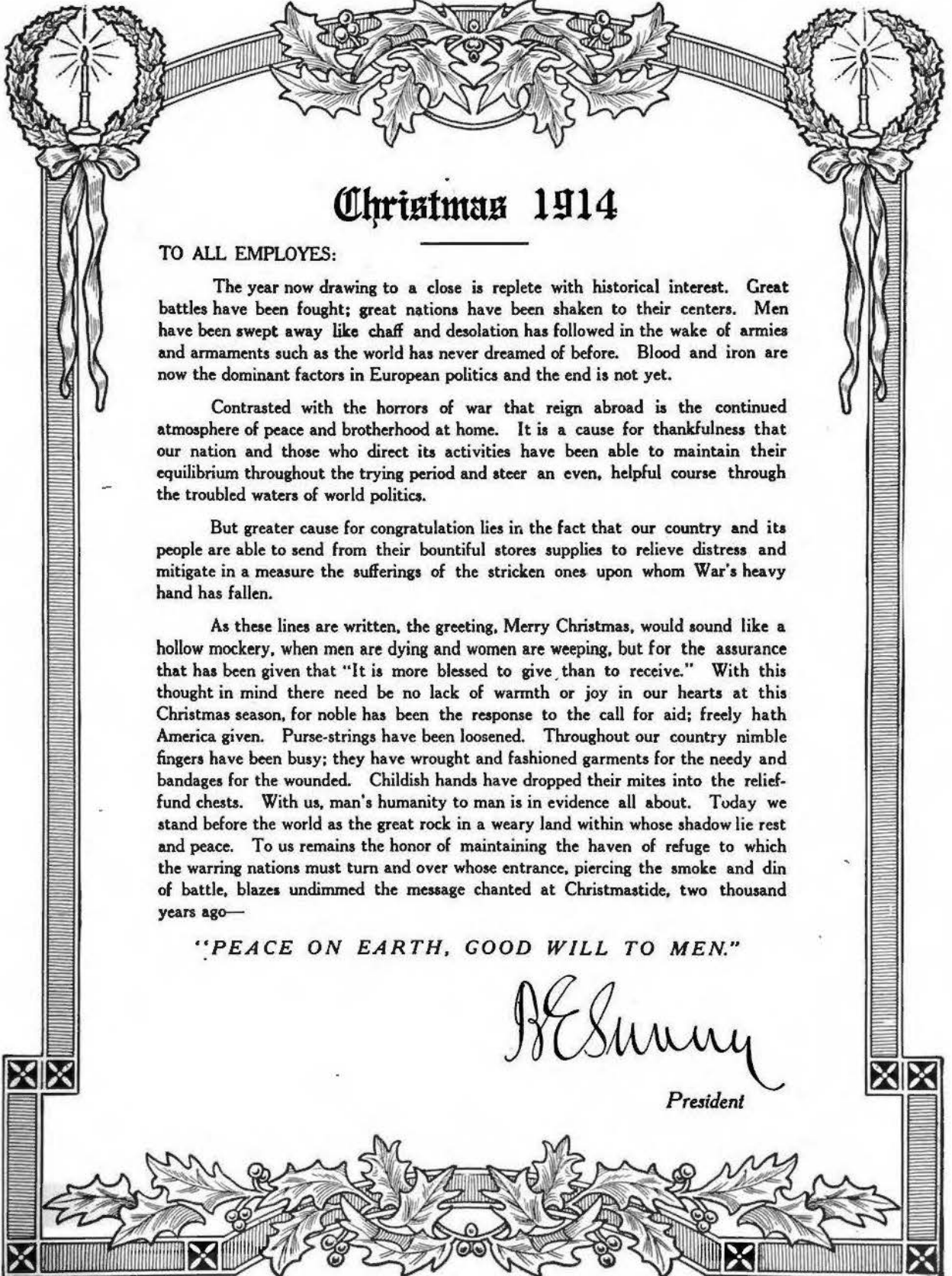
November 19, 1914

"On and after December 1, 1914, under the provisions of the so-called emergency revenue law, passed by Congress and approved October 22, 1914, each message or conversation transmitted over any telephone for which a charge of fifteen cents or more is imposed is subject to a tax of one cent.

The law requires the telephone company to collect this tax from the person paying for such message or conversation, in addition to the regular charge therefor."

(Signed) ROBT. WILLIAMS, JR.
Acting Commissioner.





Christmas 1914

TO ALL EMPLOYEES:

The year now drawing to a close is replete with historical interest. Great battles have been fought; great nations have been shaken to their centers. Men have been swept away like chaff and desolation has followed in the wake of armies and armaments such as the world has never dreamed of before. Blood and iron are now the dominant factors in European politics and the end is not yet.

Contrasted with the horrors of war that reign abroad is the continued atmosphere of peace and brotherhood at home. It is a cause for thankfulness that our nation and those who direct its activities have been able to maintain their equilibrium throughout the trying period and steer an even, helpful course through the troubled waters of world politics.

But greater cause for congratulation lies in the fact that our country and its people are able to send from their bountiful stores supplies to relieve distress and mitigate in a measure the sufferings of the stricken ones upon whom War's heavy hand has fallen.

As these lines are written, the greeting, Merry Christmas, would sound like a hollow mockery, when men are dying and women are weeping, but for the assurance that has been given that "It is more blessed to give than to receive." With this thought in mind there need be no lack of warmth or joy in our hearts at this Christmas season, for noble has been the response to the call for aid; freely hath America given. Purse-strings have been loosened. Throughout our country nimble fingers have been busy; they have wrought and fashioned garments for the needy and bandages for the wounded. Childish hands have dropped their mites into the relief-fund chests. With us, man's humanity to man is in evidence all about. Today we stand before the world as the great rock in a weary land within whose shadow lie rest and peace. To us remains the honor of maintaining the haven of refuge to which the warring nations must turn and over whose entrance, piercing the smoke and din of battle, blazes undimmed the message chanted at Christmastide, two thousand years ago—

"PEACE ON EARTH, GOOD WILL TO MEN."

W. E. Sawyer

President

New Central Union Chief Engineer

Kempster B. Miller, president of the engineering corporation of McMeen and Miller, of Chicago, has been appointed chief engineer of the Central Union Telephone Company by the receivers. Mr. Miller assumed his position December 1st. His headquarters are on the tenth floor of the Bell Telephone Building, west wing.



K. B. MILLER

Mr. Miller is one of the best known telephone engineers in the country. He was born in Boston, August 14, 1870. At the age of twelve he was taken to Washington where his father held a position in the government printing office. This gave the son the benefit of the Washington High School, where he graduated at the age of nineteen. From high school he entered Cornell University, taking the course in electrical engineering. He graduated in 1893. During college vacations he was employed at the Thomson-Houston works at Lynn.

After leaving college Mr. Miller was employed for two years as assistant examiner in the electrical division of the United States patent office in Washington, work for which his university training had peculiarly well fitted him. This is a position under civil service regulation. It is worthy of remark that Mr. Miller stood No. 1 in the examination in a long list of applicants.

From assistant examiner Mr. Miller rose to the position of chief examiner of the electrical division. From 1894 to 1896 he had charge of telephone patent applications, which aroused in him deep interest in the subject of telephony, and this experience was undoubtedly of great assistance to him in the preparation of the material for his "American Telephone Practice." This book has had a large sale, as has a course of telephone instruction which Mr. Miller prepared in 1898. Upon leaving the service of the government Mr. Miller first took employment with the Westinghouse Company and later was offered and accepted a position with the Western Telephone Construction Company.

Mr. Miller's work for the last ten years has been chiefly in the telephone field, embracing the building and operation of telephone plants, the making of special investigations for both operating companies and municipalities. During recent years his practice has become more diversified, including also street railway, lighting, and hydro-electric work.

Mr. Miller will continue as head of McMeen and Miller in the conduct of a general engineering practice, in addition to his duties as chief engineer for the Central Union Telephone Company, to which new task he will give as much of his time as the work demands.

Side-Lights on Government Ownership of Telephones

Practice vs. Theory

Losing Money Enough Now.

We think the world of Albert Burleson and would think two worlds of him if he would give us what we want, but perfect candor compels us to say that he is on dangerous ground in recommending government ownership of telephone lines. The Democrats are going to have trouble enough holding on to the postoffices as it is, and if we take charge of the telephones we can not hope to win in the next election. Even a lifelong Democrat who was called out of bed a few times on winter nights to carry on a conversation with the wrong number would be ready to vote against the party of his fathers. If the government owned the telephones all other issues would be forgotten, and our able politicians would be advocating free 'phones. The Republicans would tell the people to turn the telephones over to them and there would be no more wrong numbers, no more "line's busy," no more delays and no more bills. We, the people, are losing money on everything the government owns, and personally we are tired of being forced into taking stock in things that never pay a dividend.—Editorial in Fort Worth, Texas, *Star-Telegram*, November 18, 1914.

Contractors for R. F. D. Service

The news from Washington that it is being seriously proposed to abandon the governmental rural free delivery of mail brings with it a distinct sense of shock. The idea is not to cut off the rural routes altogether, it should be remembered, but to transfer the operation of them to private contractors with the necessary elimination of civil service in relation to

them. But a change from governmental to private management of any public work is so contrary to the trend of the times—as it has been evidenced in recent years, whatever may be the indications for the future—that the suggestion will seem to some to be hardly credible.

Yet there are sound business reasons behind the plan. The rural delivery service is a heavy weight for the department to carry. From its small beginnings, in 1896—even by 1900 its cost was only about \$400,000 annually—it has developed until now more than \$40,000,000 is being spent on it every year, and the sudden addition of the parcel post will unquestionably cause a sharp rise in the appropriations hereafter. For, unlike other branches of postal operation, the R. F. D. service is all outgo and yields no income.

It would be impossible to cut off this rural delivery now that its beneficiaries have been accustomed to its convenience and its advantages. The country would not listen to such a proposal. But obviously something must be done, or the system will soon become self-prohibitive because of its cost. The only course seems to be that which the postmaster-general is said to be considering, the gradual transfer from the government to private hands of this onerous undertaking.

Mr. Burleson is reported to believe that he can save from \$12,000,000 to \$20,000,000 a year by doing this, and if the facts are anywhere near his forecast the proposed change certainly would commend itself to the nation.

But what a commentary it would offer on the current notion that a government can give as good service as private management, and at a far lower cost to the public! If the postoffice does furnish this convincing testimony on the relative efficiency of public and private operation some theories that are now pretty close to religious dogmas with a good many people will have to be drastically revised.

Think of what a revolution it would cause in the minds of those who have been comfortably relying on governmental ownership of railroads as an easy



CHICAGO TELEPHONE FLOAT IN ENGLEWOOD PARADE.

The above float of the Chicago Telephone Company was one of the most attractive in the parade given November 18th in Englewood by the Englewood Business Men's Association. It was designed and decorated by the publicity department.

Twelve young ladies from the Englewood telephone office rode on the float. They were: Agnes Wessberg, Tracy Froling, Etta Froling, Margaret Scully, Theresa Nash, Hazel Gill, Anastasia O'Brien, Florence Cullen, Mae Farren, Catherine Dillon, Mabel Johnson and Frances Schrader.

and certain cure for all our transportation ills!

If the proposal should be carried out, certain difficulties in its details will afford material for careful consideration, however. It would be anything but easy, for instance, to find bidders for only the poorest of the routes, except at figures that would result in no saving to the government. Apparently the fat must go with the lean, and the men who lift the burden off the government's shoulders will have to be given a chance to make money, which would be hopeless unless they should get a profitable route to offset the unprofitable route they would take over. This would mean that the contracts could not be for individual routes, but that sections of the country must be allotted to bidders. Here would enter the danger of revived Star Route frauds, which caused so much scandal back in the '80s when government employes were charged with conspiring with contractors to pad the payment for mail deliveries.

But no system in any service, public or private, is ever without its disadvantages, and all that people can do in this world is to make accurate entries of good and bad features of any undertaking and then to strike a balance and see which side it will be on. If the contractual plan for rural delivery of mail saves a third or a half of what is now spent a good many debts will be offset by that one credit.—*Detroit Free Press*, November 17, 1914.

Rate of Return Fixed

In what is known as conference ruling No. 15, the Illinois Public Utilities Commission has advised that sixteen per cent. on the investment is what the commission regards as a legitimate return on business done by rural telephone companies throughout the state. The commission does not set this as the irrevocable maximum, but states that it will be inclined to count any return over that as excessive and therefore not equitable. The ruling contemplates eight per cent. for interest and eight per cent. for depreciation.

The commission already has ruled that rates charged to stockholders and non-stockholders in rural and mutual telephone companies must be on a par. The position taken is that whatever benefits accrue to stockholders must come in the form of dividends, and a cutting of rate in a stockholder's favor, or for one who owns his own telephone, is regarded as a discrimination against the ordinary telephone patron.

Good Work at Alliance

At 3 p. m., on November 4th, the Alliance, Ohio, office of the Central Union Telephone Company received a call from farmer line No. 9123. An excited person shouted, "Call everybody on this line; my house is on fire," then hung up immediately.

The supervisor at once got the card record for stations on this line, and calling back she soon found which station originally called in, then all the other stations were advised accordingly.

The subscriber whose house was on fire, C. J. Andrie, called the office the following day and heartily thanked the company. Although the house burned down, he stated that, through the aid of the telephone office, enough help reached him to save all his household effects.

New Cincinnati Building

The Cincinnati and Suburban Bell Telephone Company has a new twelve-story Headquarters Building, which is now entirely completed. The Main exchange, occupying the upper floors, was cut over



TELEPHONE BUILDING, CINCINNATI.

Monday morning, November 16th. The American Telephone and Telegraph Company also has quarters in the building, which is one of the largest and most handsome in Cincinnati.

Bell Service "Right on the Job"

Facing a revolver in the hands of a burglar, Mrs. Newton D. Baker, wife of the mayor of Cleveland, Ohio, stood calmly by and watched the man ransack dresser drawers and jewel boxes. Then, when the man left the house with his loot, valued at \$500, Mrs. Baker went to her Bell telephone and called the police station. Instantly the police force was on the qui vive.

The burglar ran when he reached the street and his route took him past a drug store at East Eighty-first street and Euclid avenue. George H. Tremper, a clerk in the store, thought it strange that a man should be running like that, so he took particular note of the number of the street car the man boarded. Then he, too, telephoned to the police via the Bell lines.

Within twenty minutes after the burglary was committed the burglar was arrested and the loot recovered.

Obituary

JOHN KILGOUR, for many years president of the Cincinnati and Suburban Bell Telephone Company, and one of the pioneers of the telephone industry in the Middle West, died October 30th. Mr. Kilgour was eighty years old. He had retired from active connection with the telephone company five years ago. He resigned the presidency to his son, Bayard L. Kilgour, in 1913.

Mr. Kilgour, at the time of his death, was president of the Cincinnati Street Railway Company.

Efficiency over the Counter

In an Illinois city of 26,000 inhabitants is a merchant who does fifty per cent. of the grocery business of the entire town. This merchant and his methods are the subject of an extremely interesting article in the *Saturday Evening Post* from the pen of Forrest Crissey. The author names the merchant Franz Schmidt, and the way the Schmidt store handles telephone orders is set out in instructive detail. Says the article:

The first step in the practical application of this view of service, as it is seen in Franz Schmidt's store, is the telephone department. Here the telephone is not handled as an incidental accessory, but as a selling agency of the first rank, which must be treated with the respect and care calculated to develop all its possibilities. According to Mr. Schmidt and his lieutenants, taking orders over the telephone is a specialty, a distinct branch of salesmanship that should, so far as possible, be handled by persons who look at it in this light and who give their exclusive attention to this feature of service.

Though almost every counter in the store has a telephone, so that a customer who prefers to do business with any particular clerk may be accommodated, there is a telephone-order desk, at which a son of the proprietor and an assistant spend practically all their time.

They must have a better knowledge of the stock on hand, of incoming stock and of prices, than the clerks on the floor, as they must be able to answer all inquiries without leaving the telephone desk.

Rapid-Fire Work Over the Wire

On a busy Saturday more than a thousand orders are taken by telephone at this store, and sometimes the number is close to twelve hundred. This means rapid-fire salesmanship; and there can be no hesitation in price quotations or in information regarding the quantity or quality of goods on hand.

"No," says the telephone salesman; "I can't recommend the raspberries this morning. They are not up to your requirements; but we have choice early blueberries, and to-morrow morning we shall have a shipment of redcaps that are sure to be prime."

This merchant's instructions are: "Be more conservative in your statements as to quality over the 'phone than you would be if the customer were personally present in the store and could see what you are selling. Make it so safe to buy of us over the 'phone that every housewife will feel that she can shop by wire to just as good advantage as though she made a trip to the store."

The telephone clerks are carefully coached not to permit themselves to lapse into mere order takers, but to remember that they are salesmen. They must learn which customers resent suggestions, and handle them accordingly; but, in general, the telephone salesman who allows a call to get past him without adding at least one article to the customer's list feels that he has failed to meet requirements.

Frequently the telephone salesmen reverse the usual order, take the aggressive, and open up a selling campaign to move certain seasonable goods. This happens most frequently in the fruit-canning season, when a large shipment of fruit is received or when prices on an incoming lot are especially attractive. The telephone salesmen of this enterprising provincial grocery sell carloads of fruits every season by wire solicitation.

Department of Sports and Recreations

Doings of Telephone People in the Field of Athletics and Pastimes.

Bell Telephone Bowling League of Chicago

| Standing of the Teams November 19, 1914. | | | |
|--|------|-------|------|
| Team— | Won. | Lost. | Pct. |
| Commercial | 26 | 7 | .788 |
| Construction | 25 | 8 | .758 |
| Installation | 25 | 8 | .758 |
| Maintenance | 21 | 12 | .636 |
| Supply | 20 | 13 | .606 |
| Revenue | 19 | 14 | .576 |
| Const. Supt. | 19 | 14 | .576 |
| Engineers | 14 | 19 | .424 |
| Traffic | 13 | 20 | .394 |
| Suburban Coml. | 12 | 21 | .364 |
| A. T. & T. | 11 | 22 | .333 |
| Disbursements | 10 | 23 | .303 |
| Plant Acctg. | 9 | 24 | .273 |
| Collectors | 7 | 26 | .212 |

Bowlers in the Bell Telephone Bowling League of Chicago took a month off from November 19th to December 17th, and in the meantime tried their luck and skill in the City Bowling Tournament, which was an event of late November and early December. Nothing happened to speak of. The Traffic team entered the tournament and succeeded in bowling 779, 779 and 838, an average of about seventeen pins less than the team average in the regular departmental tournament. Smith and Love, in the doubles, rolled up 1,182, the high score for their day in the city contest.

North Side Bowling League

A. C. Bruns, of the North Side Bowling League, composed of Chicago Telephone employes, announces that the teams of this league will bowl hereafter at Lemingwell's alleys, Sheridan Road and Wilson avenue, every Tuesday night. Standing of the teams as of November 17, 1914, follows:

| | W. | L. | P.C. |
|------------------|----|----|------|
| No. Supply | 19 | 8 | .704 |
| No. Installation | 18 | 9 | .667 |
| Feds | 15 | 12 | .556 |
| Clerks | 15 | 12 | .556 |
| Lake View | 2 | 26 | .074 |

Suburban Bowling News

The Chicago Suburban Plant Champions defeated the Suburban Commercial Has Beens at Bensinger's alleys, Saturday, November 21st, in a very hotly contested bowling match, features of which were the 236 score of Olson, of the Suburban Plant Champions, and Kent's, lead-off man for the Commercial Has Beens, alibi of Rose Water and Glycerine which affected the control of his famous hook ball to such an extent that it would not remain on the alley. This match originated through the persistent challenging of Captain A. S. Sailor of the Suburban Commercial Naval Reserves, the final result of which was in favor of the Suburban Plant Champions by eighty-seven pins.

The Plant Champions are seriously contemplating rolling a return match with Captain Sailor's team, using but four of their stars.

End of Detroit Ball Season

Girls of the East, West, Walnut, Hickory and Main exchanges participated in final games for the traffic championship of the Michigan State Telephone Company in Detroit. The final game was played between Main and Walnut offices on October 20th at Navin Field. Main won, 19 to 13.

The game was close enough to be interesting all the way through. About 300 rooters turned out for the two teams and many of them were supplied with horns, rattles, megaphones and other contrivances in order to assist their team.

During the first few innings several errors were made by the Walnut fielders but after the third inning no more errors were made by either team. Miss F. McKinney, pitcher for the Main team, had considerably more speed than Miss Villmont, pitcher for the Walnut team, and this gave the hard-hitting Walnut

girls fewer hits than the Main girls made. Miss Villmont, however, was steadier and only gave one base on balls as against nine of her opponent. The batting of Miss I. McKinney, catcher for the Main team, was the feature of the game as she got a single, two doubles and a triple out of five trips to the plate and did extremely well in the field in stopping some of the wild pitches of her sister. The game ended by Miss I. McKinney catching a foul with the bases all filled.

In winning this game the Main girls each received one of the cups which had been put up by the traffic chiefs for the championship games. The box score follows:

| | MAIN. | | | | |
|-------------------------|-------|----|----|-----|--------|
| | AB. | R. | H. | TB. | PO. A. |
| Miss von Coppernoie, 2b | 6 | 2 | 4 | 4 | 0 1 |
| Miss Busch, cf | 6 | 0 | 1 | 1 | 1 0 |
| Miss Deslongchamps, ss | 6 | 3 | 3 | 3 | 3 0 1 |
| Miss F. McKinney, p. | 6 | 1 | 1 | 1 | 0 8 |
| Miss I. McKinney, c. | 5 | 3 | 4 | 8 | 10 1 |
| Miss Hoffman, rf | 5 | 1 | 1 | 1 | 0 0 |
| Miss Laginess, lf | 5 | 3 | 4 | 5 | 0 0 |
| Miss Liska, 3b | 4 | 3 | 2 | 2 | 3 0 |
| Miss Todd, 1b | 5 | 3 | 4 | 4 | 7 0 |

| | WALNUT. | | | | |
|-------------------|---------|----|----|-----|--------|
| | AB. | R. | H. | TB. | PO. A. |
| Miss M. Pardy, lf | 5 | 1 | 1 | 1 | 0 0 |
| Miss Murray, ss | 4 | 1 | 2 | 2 | 1 3 |
| Miss Field, 1b | 3 | 2 | 1 | 1 | 10 1 |
| Miss Schultz, 3b | 4 | 1 | 1 | 1 | 0 0 |
| Miss Keller, rf | 5 | 1 | 1 | 1 | 0 0 |
| Miss L. Pardy, c. | 5 | 1 | 2 | 2 | 10 0 |
| Miss Foster, 2b | 5 | 3 | 4 | 4 | 0 2 |
| Miss Hunt, cf | 2 | 2 | 2 | 2 | 0 0 |
| Miss Villmont, p. | 4 | 1 | 2 | 2 | 0 6 |

| | 48 | 19 | 24 | 29 | 21 | 11 |
|--------|----|----|----|----|----|-----|
| Main | 1 | 2 | 3 | 4 | 5 | 6 7 |
| Walnut | 0 | 3 | 1 | 0 | 6 | 0 3 |

Errors—Miss Busch, Miss Hoffman, Miss Field, Miss Schultz, Miss Villmont. Three-base hits—Miss I. McKinney 2, Miss Laginess. Stolen bases—Main, 9; Walnut, 14. Passed balls—Miss I. McKinney, 5; Miss L. Pardy, 9. Struck out—By Miss F. McKinney, 7; by Miss Villmont, 7. Bases on balls—By Miss F. McKinney, 9; by Miss Villmont, 1. Double plays—Miss Liska (unassisted), Miss Murray to Miss Field to Miss Pardy. Left on bases—Main, 8; Walnut, 10.



FINAL CONTENDERS FOR DETROIT TRAFFIC CHAMPIONSHIP. At left—Main Team. At right—Walnut Team.

Out-Law Pin Tournament

Formation of an Out-Law Bowling Team as chronicled in the November issue of the News has excited a spirit of rivalry in the entire Chicago Suburban division. It is now announced that, aside from the two Out-Law teams, which were organized largely in the Suburban commercial department, a third team composed of district managers is in process of formation and has issued challenges. Not to be outdone, the Suburban traffic department has put a team in the field. The Suburban plant department has also organized and is planning to schedule games. It is probable that a supplemental tournament will be organized by the several teams in this division.

Early in November the Out-Law Bowling Team disbanded and reorganized into two separate clubs. A. S. Sailor headed the warring faction and issued a challenge to the regular Out-Laws. In the scheduled three games his team lost the odd game by one pin.

It is believed that six teams will organize for a tournament with the following as captains:

- Suburban Construction, L. C. Jones.
- Suburban Traffic, F. E. Chandler.
- In-Law Commercial, L. M. Larson.
- Out-Law Commercial, William B. Kent.
- Naval Reserves, A. S. Sailor.
- District Managers, C. P. Corning.

Detroit Plant Series

The Western team in the Michigan State Telephone Area League, composed of Detroit employes, won the championship of the season. The last game, played October 19th, was a victory for the Central team, but as Western was two games ahead, the result was not affected.

Much credit for the success of the season is due to Martin Ewald and the wire chiefs of the various areas.

Area Wire Chief George Burnham and Captain Jennings did the heavy work for the Central, Wire Chief Fritz and Captain King for the North, Wire Chief Zimmerman, assisted by Mr. Loucks and Mr. Wilds for the West, while Wire Chief Damp and Captain Strohmer represented the East.

Central, West and North waged a three-



WESTERN AREA BASEBALL TEAM, DETROIT.

cornered battle for several weeks, West becoming stronger with every game. The final standing of the teams was:

| | Won. | Lost. | Pct. |
|---------|------|-------|------|
| West | 13 | 7 | .650 |
| Central | 12 | 8 | .600 |
| North | 9 | 11 | .450 |
| East | 6 | 14 | .300 |

Martin Ewald was president of the league during the past season and A. L. Tyler secretary and treasurer. A meeting to elect new officers and discuss plans for next season will be held soon.

Chicago Telephone Camera Club

After the page of pictures appeared in the BELL TELEPHONE NEWS for November one of our friends made the comment that, of the seven pictures shown only the one of Starved Rock was of any particular interest, because it was the only one that any of us knew anything about. The writer then tried to show this brother that the merit of a picture should be independent of any one's knowledge of the particular scene portrayed, and endeavors to defend or, at least, illustrate his position by a couple of other pictures this month.

It may seem ambitious to apply the

term "art" to any of our camera work, yet we do find very many pictures which have a great degree of artistic merit. We can not get very deeply into this matter here, but it may be said that one indispensable characteristic of anything claiming to be art is that it must appeal to the imagination. To do this a picture must obey a few definite principles.

Our first photograph is one taken at Salt Creek, near Brookfield, Ill., by J. F. Schall of the maintenance department. In the first place a picture should not have too much in it. An open, flat landscape may be very pretty to look at, but an artistic picture can not be taken of it. A painter might make something out of such a scene because he could distort his perspective to suit himself, but this can not be done with the camera. What distortion the camera does is in the wrong direction. On the other hand, there must be a certain amount of repetition in a picture. For example: A single tree does not usually make an artistic subject, while a whole forest might be equally bad. A few trees or a group of trees may make a good subject. The lines of the picture should fall in such a way as to center the attention on some particular



TWO FINE PICTURES BY MEMBERS OF CHICAGO TELEPHONE CAMERA CLUB.

thing. The picture should suggest something to the imagination. Now apply these principles to the composition of our first picture. One side of this bit of stream is in shadow while the other bank is well lighted with all the details showing. The lines formed by the banks of the stream as well as by the three most prominent trees all lead one to a point around the bend in the stream in the upper lefthand corner of the picture, and one may easily imagine various pleasant things just around the corner or recall similar places which he himself has seen.

The other picture was taken by James Cleary of the state engineering department. Here we have a single tree backed by a group of smaller trees with the limbs of the large tree and path across the foreground both leading out of the picture toward the upper lefthand corner, and the whole suggesting a very pleasant autumn scene.

One author said that one should not take a picture unless he had ready a name for it. At least, one should have in his own mind some definite idea suggested by the picture and then make his picture so as to convey this idea to any one else who sees it whether he has any personal acquaintance with the place or not.

Banquet for Winners

A banquet in honor of the Edgewater baseball team, champions of the Chicago Interdepartment League for the season of 1914, was given Thursday evening, November 5th, at the home of Fred Goebel. All present had a jolly time.

A beautiful cup will be presented to the team and will probably be placed somewhere in the Edgewater office where at least two members of the team will be able to enjoy the reminder of a victorious season.

The Edgewater team won thirteen out of fourteen games. The all around work of Osborne and Vetter were important factors in the successful issue of the championship contest.

Bell Telephone Chess and Checker Club

In order to promote competition among chess players, the Bell Telephone Chess and Checker Club has organized five teams among the members, and a team tournament is now in progress. The teams have been named for famous chess players. A list of the teams and members follows:

Morphy team: Hale, captain; Harnacker, Irwin, Heath, Beardsey, Teschner.
Lopez team: Schulze, captain; Brown, Marmaduke, Anderson, Goldberg, Grover.
Muzio team: Smith, captain; Moore, Cahow, McKee, Hoover, Malloy.
Petroff team: Kolkow, captain; Lynch, Harris, Bass, Campbell, Young.
Phillidor team: Walthers, captain; Handbury, Koebelin, Purcell, Zinke, Stephens.

Orchestra and Glee Club

The Chicago Telephone Orchestra and Chicago Telephone Glee Club are making splendid progress in their practice and give promise of taking first rank among similar organizations of Chicago.

The glee club was organized about one year ago and made its first appearance at the Bowling League Banquet last spring. The success of the first season greatly encouraged the promoters of the club and this season's plans were made on a more comprehensive scale.

Arthur Dunham, a professional leader



O. W. SCHROEDER.

of exceptional ability, was engaged as director and under his tutorage the members have been rehearsing for several months. The number of good voices found among the telephone employes was surprisingly large and with this material for development the progress of the club in chorus work has been rapid.

At the present time the club numbers about eighty-five members and it is desired to increase this number to more than 100. Practice meetings are held every Monday afternoon from 5:15 to 6:15 on the eighth floor of the Telephone



F. L. CURTIS.

Building. The club needs some additional basses and baritones, and employes who take these parts are especially urged to become members.

A. W. Schroeder is president of the club and F. L. Curtis, secretary and treasurer. Both have been active in promoting the interests of the club, especially in securing new members.

The orchestra is a newer organization but is making equally satisfactory progress under the leadership of E. W. Moebius. The orchestra practices Tuesday afternoons at 4.30.

Both the glee club and orchestra are expected to be heard at the Fullerton Hall meeting at the Art Institute, December 18th, when Sculptor Lorado Taft will address Chicago Telephone employes under the auspices of the traffic department.

Scientific Notes

Goldschmidt Transatlantic Wireless Stations

The greatest range of wireless telegraphy giving commercial service is between the Goldschmidt Stations in Ellipse, near Hanover, Germany, and Tuckertown, New Jersey. This distance is about 4,000 miles. When the Emden cable was cut, wireless was the only means of direct communication between the United States and Germany.

When news, stated to be from Germany, was first published, there was a good deal of sneering at "faked reports." When it was found that messages were really being received these reports were very much in demand.

A special high frequency generator of 250 H.P capacity supplies energy for signaling. The antenna is 825 feet high.

A description of this apparatus is in the *Electrical World* of October 31st.

Coal Tar Dyes

At the beginning of the European war a large number of chemicals advanced very greatly in price. Among those were the coal tar products, including a large number of dyes as well as common photographic reagents. For example: Hydroquinon, with which every amateur photographer is familiar, advanced from thirteen cents per ounce to something like thirty-five cents at retail. The question immediately arose as to why we should not produce these chemicals in the United States and so be independent of any other country.

This is not so simple as it appears. For example: We have been importing from Germany about 700 different dye-stuffs. No one factory produces all of these, and in most cases a single factory does not perform all the operations on any single product, the output of one concern being the raw material of another. This industry has been built up slowly in Germany and, though our American chemists are undoubtedly as able as those of any country, the immediate establishment of plants capable of producing our supply of these coal tar products is probably out of the question financially. We are now importing \$12,000,000 worth of these products per year. An investment of several millions would be immediately necessary to prepare for their manufacture, and after the war comes to an end it is very uncertain whether the Americans could compete with the Germans without some important changes in our tariff and patent laws.

B. V. HILL.

Of Interest to Our Girls

Conducted by Mrs. F. E. Dewhurst



It Came Upon the Midnight Clear.

It came upon the midnight clear, that glorious song of old,
From angels bending near the earth to touch their harps of gold;
"Peace to the earth, good will to men, from heaven's all gracious King;"
The earth in solemn stillness lay, to hear the angels sing.

Still thro' the cloven skies they come, with peaceful wings unfurled;
And still celestial music floats o'er all the weary world;
Above its sad and lowly plains they bend on heavenly wing,
And ever o'er its Babel sounds, the blessed angels sing.

O ye, beneath life's crushing load, whose forms are bending low,
Who toil along the climbing way, with painful steps and slow:—
Look up! for glad and golden hours come swiftly on the wing;
Oh, rest beside the weary road, and hear the angels sing!

For lo! the days are hastening on, by prophet-bards foretold,
When with the ever circling years comes round the age of gold!
When peace shall over all the earth its final splendors fling,
And the whole world send back the song which now the angels sing!

Most Beautiful Operator

Irene Estelle Hough, a supervisor employed by the Nebraska Telephone Company at Omaha, is declared to be the most beautiful telephone operator in the United States. This was the result of a contest started by the Essanay Company, Chicago film producers, and Miss Hough is to be seen in the character of a mimic operator in all the moving picture houses which get the Essanay "releases." Before Miss Hough was selected several hundred photographs from all parts of the country were sifted through by the judges.

Miss Hough is petite and a blonde. Her golden hair is luxuriant. She has, of course, pearly teeth. Her smile is full of dimples. In fact she has everything a little beauty ought to have, including a sunny disposition. She is nineteen years old. To have become a supervisor at that age means that she must be a good operator.

S. P. U. G. or S. P. U. G. ?

The *Society for the Prevention of Useless Giving* has been changed to the *Society for Promoting Useful Giving*. It looks like a good change and fortunately doesn't interfere with the amusing abbreviation of the somewhat ponderous name. We like the change in sentiment. It means something positive and seems to connect up better with our idea of Christmas.

Prevention is good, but *Promotion* is better. It is better to have a positive rather than a negative aim. If the S. P. U. G.'s can promote more thoughtful giving, they will accomplish much, for the kind of giving which has sometimes been indulged in has merely squandered money in giving useless things to friends who respond in like manner.

A little gift, useful and showing the love and thoughtfulness of the giver, is worth much more than an expensive, showy present which perhaps taxes the pocketbook too much.

This year the calls for benevolence are many and our offices will find many opportunities to give Christmas baskets where they will do good. This is certainly the useful giving that the new S. P. U. G. wishes to promote.

Christmas Candy

Probably our girls will be glad to know that good authority now assures us that candy, if pure, is not injurious. In fact, most people need sugar both as a fuel to keep the body warm and as a producer of energy. But we are told that in order that it may be assimilated by the body tissues it must undergo the same process of digestion to which starch is subjected; that is, it must be acted upon by the saliva as long as possible. This is by no means easy, because sugar is quickly dissolved by the saliva and it slips down the throat before one is aware of it. Every effort, therefore, must be made to hold it in the mouth as long as possible, for if not properly prepared by the mouth, it ferments in the stomach, and this occurring too often results in a long train of ills, such as catarrh of all the organs which are lined by mucous membrane like the stomach, bowels, etc., flatulence, sour stomach, sleeplessness, and obesity. People who exercise very little can use less sugar than the energetic ones, because energy requires sugar and easily consumes it. This is doubtless one reason that children assimilate it better than adults, for the healthy child is constantly running about and needs it for



—Photograph by Essanay

IRENE HOUGH AT HER SWITCHBOARD IN ESSANAY FILM DRAMA. She is said to be the Most Beautiful Telephone Operator in the United States.

his superabundant energy. As a rule, children do not care for fat meat and prefer sweets as a natural substitute. As there is no evidence to show that candy injures the health, it is wise to give children a reasonable daily allowance of candy just at the close of the meal. Candy taken between meals has the same effect as other food; that is, it gives the stomach work to do when it should be resting.

The importance of sugar as a food is recognized in the army. "It is common knowledge that an army can march farther and fight harder on candy than on beef and in recognition of this fact chocolate tablets form an integral part of all regular rations. The U. S. Government recognizing the fact that the more candy a man eats, the less whisky he drinks, makes a practice of shipping tons of pure candy to its soldiers in the Philippines. In Bernard Shaw's play, 'Arms and the Man,' a starving soldier taking refuge in the room of a young girl, beseeches her to give him some chocolate, which he sees on the table, and meets her scornful comments on the effeminacy of his demand, with the declaration that all old campaigners can be recognized by the fact that they carry chocolate creams in their holsters instead of pistols. Athletes, too, while in training, find it an important item of diet.

A box of home-made candy or Christmas cakes makes a very nice present and the contents are sure to be pure and wholesome.

We are indebted to some of our young ladies for the following recipes:

Penochi.

Three cups granulated sugar; one cup rich milk. Stir together and put on to cook. When it comes to a boil, add a lump of butter, walnut size, and the flavoring. Let this boil slowly for about twenty minutes. Do not stir, except occasionally, so as not to burn. Test by dropping a teaspoonful into a cup of ice water; if it forms a ball, then it is ready to turn out. Before turning out into a

buttered platter, add five cents worth nuts, and then beat until it turns to a creamy fudge. Maple or brown sugar may be used, to make maple penochi. Follow same recipe. Or grated chocolate or cocoa may be used with the first recipe and you will have a creamy chocolate fudge. Use about three teaspoonfuls of the cocoa or about one-half cake of the chocolate.

Chocolate Creams Uncooked.

White of one egg and an equal quantity of cold water. Flavor and beat until frothy. Sift in enough confectioners' sugar to make a stiff paste. Work all together until smooth. Form into small balls. Set in cool place two or three hours. Melt one-half pound of chocolate. Dip and stand over night.

Chocolate Creams.

Take two cups granulated sugar and one-half cup of cream. Boil five minutes from the time it begins to boil hard. Take from the fire, set in cold water, stirring until stiff. Flavor as soon as it is taken from the fire. When cool enough, make into balls. Having dipped it out on waxed paper, dip into melted chocolate.

Chocolate Fudge.

Two cups sugar; one cup rich milk. Cook until sugar is entirely dissolved. Two squares of chocolate. Butter size of a walnut. Cook until it hardens in cold water. Pour into a pan and let it cool. When nearly cold, stir until too stiff for further stirring, and shape as desired.

The Angel with the Mandolin

The Christmas picture on Page 9 is "The Angel with the Mandolin," the original of which was by Melozzo da Forlì, an Italian artist of the Fifteenth century. The picture is one of the decorations of St. Peter's in Rome. While painted as one of a series, "The Angels," its reproduction here alone is appropriate to the Christmas season and the words of the beautiful hymn, "It Came Upon the Midnight Clear," which accompany it on the page.

FOR THE GIRL WHO SEWS

THE OPEN TUNIC GIVES BECOMING LINES

The open tunic is one of the very newest. Here it is softly full and joined to one of the prettiest variations of the basque. It can be worn over any skirt and it can be made to match the skirt



8443 Basque Gown with Tunic, 34 to 42 bust.

or of a different material. The sash that is crossed at the back makes a becoming and a notable feature and the neck can be cut out and worn over a chemisette as it is here or finished with the flaring collar only. The sleeves allow a choice of full or three-quarter length but for gowns of this kind, the full length is somewhat smarter.

For the medium size, the basque with tunic will require 5½ yds. of material 27, 4¼ yds. 36, 3¾ yds. 44 in. wide, with 1¼ yds. 27 in. wide for the sash, ½ yd. 27 for the chemisette and collar.

The pattern 8443 is cut in sizes from 34 to 42 inches bust measure. It will be mailed to any address by the fashion department of this paper on receipt of six two-cent stamps. Use pattern coupon on this page.

DRESS FOR THE CHRISTMAS DOLLY

Our girls who are to help make up doll dresses, either for the poor or for the little girls in their own families, will be interested in this beautiful doll dress



8433 Doll's Moyenage Costume, 18, 22 and 26 inches high.

model. This frock in Moyen Age style shows all the new features of the season yet is really very simple to make. There is a plain two-piece skirt with a straight plaited tunic and a long basque that is made over a lining that holds the fullness in place. In this case, flowered challis is combined with satin but there are numberless materials that can be

utilized. Anything that is thin enough to plait and drape prettily is good for the basque and tunic and, for the under skirt, silk, satin and velvet can be used, although it is always well to use durable materials for dolls' dresses.

For a doll 22 inches high, the basque and tunic will require 1½ yds. of material 27, 1¼ yds. 36 or 44 in. wide and the skirt ½ yd. any width.

The pattern 8433 is cut in sizes for dolls 18, 22 and 26 inches high. It will be mailed to any address by the fashion department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on this page.

SMART BLOUSE WITH NEW NECK LINE

Here is a blouse that shows the latest neck line. The collar is rolled over and



8456 Gathered Blouse, 34 to 42 bust.

PATTERN COUPON

Fashion Department, BELL TELEPHONE NEWS,
212 West Washington St., Chicago, Ill.

Enclosed find.....cents in 2-cent stamps for which please send me patterns listed below:

No.....Size.....

No.....Size.....

The price of each pattern shown in this issue, to employes of the Bell System, is six cents when order is accompanied by this coupon. Write name and address, and number and size of patterns plainly. Enclose six cents in 2-cent stamps for each pattern ordered.

Name

Address

City or Town.....

State

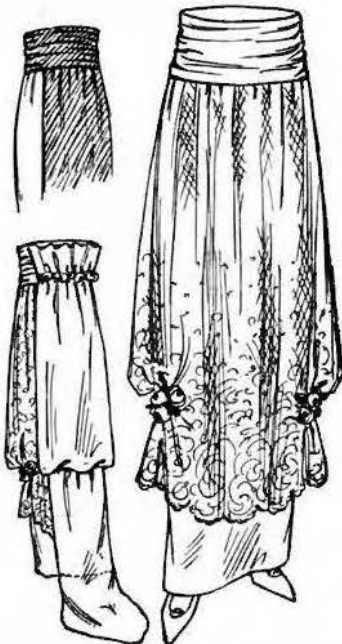
stands slightly away from the neck, but, nevertheless, is high at the back and leaves only a slight opening at the front. The blouse itself is prettily full with sleeves that are cut in one with it in the Japanese style. The sleeves may be finished either with deep, fitted cuffs or with rolled-over ones and both styles are fashionable, although the deep cuffs sound a somewhat newer note. Such a blouse is correct for wear with the coat or with odd skirts and also makes a most satisfactory model to be utilized for the entire gown of light weight material. This season, silk and wool crêpe is exceedingly beautiful and is much liked. An entire gown of that material would be charming with collar and cuffs of charmeuse satin.

For the medium size, the blouse will require 4 yds. of material 27, 2½ yds. 36, 2½ yds. 44 in. wide, with ½ yd. 27 in. wide for the collar and cuffs.

The pattern 8456 is cut in sizes from 34 to 42 inches chest measure. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on page 11.

GRACEFUL SKIRT WITH DRAPED TUNICS

Here is a skirt that can be made with or without a tunic and finished with or without the girdele at the upper edge, so that it becomes adapted to a great many occasions and a great many materials. The draped apron tunic is especially pretty made from lace flouncing, but it can be utilized for chiffon or for net or for crêpe de Chine or for any other thin material that can be treated in such ways. The foundation skirt is a plain one in two pieces and the draped back is arranged over it, covering the edge of the tunic. The upper edge of the back can be finished with or without the frill and, if the girdele is omitted, the skirt can be cut off at the natural line and



8428 Two-Piece Skirt with Tunic, 24 to 32 waist.

joined to a belt, or both skirt and tunic can be extended to the high waist line and finished with an underfacing. For the afternoon dance, a pretty effect could be obtained by using chiffon in place of lace flouncing and finishing with a picot edge.

For the medium size, the plain skirt will require 2½ yds. of material 36 or 44 in. wide, the tunic 2 yds. of flouncing 36 if the deep girdele is used, 41 in. wide for high waist line without girdele, and the draped back 2 yds. with train or 1½ yds. for walking length. The width of the skirt at the lower edge is 1 yd. and 20 in.

The pattern 8428 is cut in sizes from 24 to 32 in. waist measure. It will be mailed to any address by the fashion department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on page 11.

HERE IS AN APRON FOR REAL SERVICE

Women engaging in any occupation that means possible soil for the gown will find the apron shown in the adjoining column a satisfactory one for the worker or housekeeper. It can be made with or without the sleeves but usually the sleeves will be found a practical and desirable addition. Checked gingham is the material shown here with bands of white, but any washable material that is durable and serviceable is appropriate. Butcher's linen is really excellent for the purpose and is particularly pretty with colored bands or with scalloped edges worked in color or finished with plain edges and fancy stitching. In one view, the neck is cut out to form a square and. in the other it is round with a flat collar. In the small front view, three-quarter sleeves are shown, too, and often that length is to be preferred.

For the medium size, the apron with long sleeves will require 6¼ yds. of material 27, 4 yds. 36 in. wide; the apron without sleeves 5 yds. 27, 3¾ yds. 36 in. wide, with ½ yd. 27 in. wide for bands.

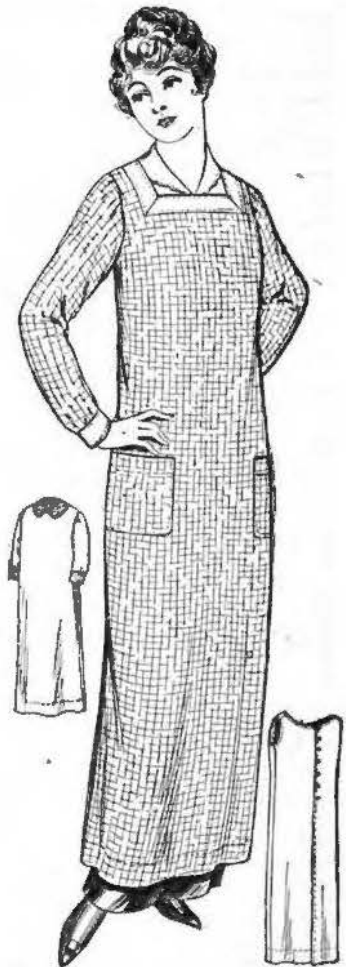
The pattern of the apron 8455 is cut in sizes from 34 to 44 inches bust measure. It will be mailed to any address by the fashion department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on page 11.

Cupid on the Wire

"And they lived happily ever after," says the fairy book. The high cost of living may go higher and higher, but the young people continue to marry—witness the ever increasing class of beginners at the telephone exchange.

Since the first day of January of this year, less than ten short months ago, seven operators have been married from the force of the local office, which numbers sixty-three. At first glance the number doesn't seem large in proportion to the entire number, but when figured into a percentage, it begins to look larger, more than eleven per cent.

There are few trades or professions where so large a percentage of the girls marry, or where they marry after so short a period of service. Asked to explain the cause, the telephone manager laughed and said: "That's easy. We mean to choose a girl not entirely for her personal appearance, but because she has a fair education, is courteous, and above all, because she has a good voice, and better



8455 Work Apron, 34 to 44 bust.

still, a good character. She must be tall enough to reach the board easily, without straining, and she must be well and strong. They are the kind who make ideal wives."

The young women who have left the shelter of the local (Green Bay) office are Mrs. Joseph Moore, who was Jennie Schroeder; Mrs. John Larsen, who was Clara Pfeiffer; Mrs. Edward Powers, who was Julia Nick; Mrs. Fred Willinfang, who was Mildred Raymaker, and Mrs. Thomas Kennedy of Racine, who was Anna Janssen. In addition two more weddings will be celebrated, one next week and one the week following. Marion Black becomes the bride of Clifford Bassett on Oct. 28th, and Viola Fontaine is to be married to Tony Zuchhofer on Oct. 20th.

In speaking this morning, one of the girls said, "Yes, we have had seven marriages in ten months, but from the looks of things now we shall break all records in 1915. We are saving up a few of the nicest girls until after the New Year.—Green Bay (Wis.) Gazette, October 17th.

Woman Town Clerk

Mrs. Earl Rushmore, the telephone manager at Fox Lake, is town clerk of Grant township, Lake county, and in this capacity recently attended a meeting of good roads officials at Lake Villa. She said she was content to listen, not talk.

Exchange of Exchanges

Arlington Heights, Ill.:

Operator—"Number, please?"
 Subscriber—"Give me Foote."
 Operator—"What number, please?"
 Subscriber—"Foote that has the baby on the north side."

Woodstock, Ill.:

Subscriber to repair clerk—"Report this line, please; I can just feel my telephone going out of order."

Berwyn, Ill.:

On a call from a pay station, subscriber's time was up and upon being asked to drop another nickel said, "Wait a minute, Sallie, I have to feed the operator."

Lowell, Ind.:

An operator not being able to hear a subscriber who rang her, said to him: "I cannot hear you, party; please shake up and down your receiver hook."

Operator—"Number, please?"

Subscriber—"Central, could you tell me how much sweet cream is a quart? I've been trying to get the dairy man, but he don't answer, and I must know."

Information operator—"This is information."

Subscriber—"Well, I can't give a bit more information than I've already given you, unless I have a directory."

Information—"Whom are you calling, please?"

Subscriber—"Where is my stopping place? Why, I'm at Fred's right at present."

The information was finally obtained and the call completed.

Operator—"Number, please?"

Subscriber—"Central what in the world is the trouble with this telephone? It is carrying on something terrible."

La Grange, Ill.:

Operator—"Number, please?"

Subscriber—"Ring three nickels."

Operator—"What number did you call, please?"

Subscriber—"Three nickels—555."

Subscriber—"Double de one seventy-four-L."

Operator—"1174-L. That line is out of order."

Subscriber—"Oh, it's full of water."

The information operator received a call for "the newly-weds on the north side of La Grange." Upon being asked the name or how to spell it, party said: "Oh they are just newly wed."

Hammond, Ind.:

A Republican subscriber used his telephone for long distance and talked three minutes, the charges being ten cents. A Democrat used the same telephone and talked to the same toll center four minutes, the charges being fifteen cents. He called the chief operator and complained, saying: "You always soak the Democrats and give the Republicans everything cheaper."

Subscriber—"Information, give me the number of W. H. Kidd."

Information—"We have no W. H. Kidd listed."

Subscriber—"Well, they have a telephone."

Information, referring to her directory, said: "I only have two Kidds."

Brief News Notes from the Field

Items of Interest to Bell Telephone Employees Gathered from All Parts of the Territory

Chicago City Division

Mrs. F. E. Dewhurst, B. V. Hill,
Correspondents

Service Standing

The following is the Service Inspection Standing for October, 1914:
 First Place—Beverly District, South Chicago.
 Second Place—Southern District, Calumet.

Warm Hearted Kedzie Girls

Kedzie office made a family happy on Thanksgiving Day, as the following letter will show. A letter signed by a telephone girl, name not given, called attention to the needs of the family and the response of the girls after hearing the letter read resulted in sending a well-filled basket to the house:
 Dear Girls of Chicago Telephone Company:

I am very thankful for the basket that you sent me and my children, and hope God will bless you and your families and take care of you.

Hoping you all had a happy Thanksgiving Day. We had a very nice day and we are all very thankful to you.
 Yours truly,

Another letter was received by the chief operator at Kedzie, addressed to Santa Claus. It says:

"Dear Santa Claus:
 "Please don't forget us. My papa is not working. There is only my mother working for a living, and we ain't got no coal, and we are five children. Frank is 12 years' old, Arthur is 11, Della is 8, Blanche is 7 and Ted 4 months' old. I will be thankful to you, Santa Claus. My address is in the front house."
 Miss Sammon is having this case investigated and Santa Claus will probably answer the letter.

Change at Yards

The ten-position board which has been in service at Yards office for Swift and Company was taken over to Swift's own place of business, November 21st. Anna Carrol of Yards was made chief operator over the nine operators employed in the private branch exchange service.

Miss Lillis Married

Miss F. Lillis, Main supervisor, was married recently to Louis Sayland. In leaving Main office she was presented with a beautiful water set from the operators in Franklin. She will be at home at 4050 Armitage avenue.

Annual Entertainment at Art Institute

The Traffic Department extends a most cordial invitation to all departments and to the friends of the Chicago Telephone Company to visit the Art Institute, Friday evening, December 18th, from 7 to 10 o'clock.

This visit to the Art Institute has become an annual event of much interest and this year we are most fortunate in having the promise of an address by Lorado Taft to be given in Fullerton Hall. Mr. Taft will talk on recent sculpture and illustrate his lecture with pictures on the screen.
 Mr. Taft is a great favorite with all of our people who have met him on previous visits to the galleries and this opportunity will be especially delightful, as his address will be given in the hall where all may be seated and hear better than in the galleries.

There will be music in the galleries preceding the lecture. The Men's Glee Club and Girls' Chorus will sing Christmas carols.

Canal Theater Party

The Canal force, which has taken first place so many times in the last few months, celebrated its victories by a theater

party. "Peg o' My Heart" was the play chosen, and Tuesday evening, December 8th, and the Thursday matinee following saw a happy party enjoying a well-earned reward.

An added drop of satisfaction in this celebration is the fact that November shows highest standing again.

Surprise for Miss Smith

The Austin evening supervisory force gave a farewell luncheon for Supervisor Miss N. Smith, who has been transferred to Kedzie evening force. The entertainment was given at the home of Mrs. H. Holden, the evening chief operator. The evening was a most enjoyable one and a pleasant surprise for Miss Smith.

Marriage of Miss Deegan

Catherine Deegan of Kedzie was married to Mr. Hartig, Thanksgiving evening, at the Resurrection Church.

Public Health Exhibition

An interesting exhibition is now being given at the City Club, 315 Plymouth court. The exhibition and the various conferences held in connection with it are for the purpose of promoting public health. Various phases of the general subject of city welfare will be discussed at conferences which will continue from November 30, 1914, to January 16, 1915. The exhibit will be open from 2:30 to 9:30 except Sundays and the admission is free.

Infant welfare, tuberculosis, school hygiene, food, patent medicines, environmental conditions are subjects for the exhibition. On the latter, environmental conditions, S. J. Larned, general traffic superintendent of the Chicago Telephone Company, is chairman of the committee which prepared the exhibition.

The Chicago Telephone Company has on the fifth floor an exhibit showing some of the efforts on the part of the company to make healthful arrangements for girls employed in the traffic department.

The exhibition is well worth visiting and the invitation is to everyone to see the pictures and attend the sessions open to the public.

Death of John Cook

JOHN COOK, thirty-four years old, general foreman of the Chicago Telephone Company at Waukegan, died December 5th. Death was caused by typhoid fever.

Mr. Cook's home was in Whitewater, Wis., where the funeral was held. Mr. Cook was unmarried. He was a cousin of State Engineer W. R. McGovern.

Chicago Suburban Division

B. A. Pratt, Correspondent

October Promotions

Aurora, D. McDonald, operator to Supervisor.

Chicago Heights, M. Lux, operator to clerk.

Harvey, G. Meyer, operator to assistant chief operator.

Evanston, L. Larsen, operator to supervisor.

Hammond, M. Baker, operator, transferred from East Chicago to night supervisor.

Highland Park, H. Ingersoll, operator to assistant chief operator.

Division Office

Commercial Superintendent O. J. Holbrook and wife spent Thanksgiving at Lansing, Mich., where they visited Mr. Holbrook's brother.

Walter Evanston, formerly commercial agent, visited his friends in the division office last month. Mr. Evanston is now with the American Radiator Company at Quincy, Ill.

R. C. Luepke, chief commercial agent, has received a letter from C. W. Blattner, for many years commercial agent, but now proprietor of a fruit ranch at Fullerton, Cal. At the time he wrote, Mr. Blattner and family were making a vacation trip along the west coast from San Francisco to Seattle.

During the month of October the Suburban commercial division secured contracts for five private branch exchanges requiring twelve trunk lines and twenty-seven terminals.

District Manager Conway of Aurora made his tri-monthly call at the Division offices during the month of October. He takes an optimistic view of the business situation in Aurora.

During October the Public Utilities Commission granted permission to the Des-Plaines Telephone Company to sell to the Chicago Telephone Company (which had been granted permission to buy), all telephone equipment and plant by which the former company had supplied service to subscribers in Edison Park. This district was recently annexed to the City of Chicago, but prior to annexation had been served by the DesPlaines company.

Miss S. C. Young Suburban Instructor, spent Thanksgiving and the week end with friends in Iowa City.

Eva Stuber, time keeper in the Suburban division, has been visiting all of the larger offices in the Suburban territory to check up the method of handling the pay rolls.

We understand that Mr. Ham and Mr. Chandler are afraid that they will be "shown up" in the Suburban Bowling League and have spent considerable time and money "tuning up" at Benzinger's during the past month. We might say here, however, that

there is little to be feared from either one at present, as they admit their averages are still in the "dub" class.

Traffic Rating for October

The following list, arranged in the order of merit, includes the offices which have their local service observations taken at service observing boards:

| Office— | Place Position. |
|----------------|-----------------|
| Aurora | 1 |
| Joliet | 2 |
| Elgin | 3 |
| Evanston | 4 |
| Hammond | 5 |
| Oak Park | 6 |

The list following, also arranged in the order of merit, includes the common-battery offices which have their local service observations taken by service inspectors:

| Office— | Place Position. |
|-----------------------|-----------------|
| Glencoe | 1 |
| Maywood | 1 |
| La Grange | 3 |
| Winnetka | 3 |
| Lake Forest | 5 |
| St. Charles | 6 |
| Woodstock | 7 |
| Wilmette | 8 |
| Barrington | 9 |
| Dundee | 10 |
| Blue Island | 11 |
| Highland Park | 12 |
| Gary | 13 |
| Hinsdale | 14 |
| Chicago Heights | 15 |
| Wheaton | 18 |

| | |
|--------------------|----|
| Berwyn | 17 |
| Morris | 18 |
| Waukegan | 19 |
| East Chicago | 20 |
| Harvey | 21 |

Service observations at magneto offices have been temporarily suspended.

Traffic Correspondence School

The following is a list of operators who received a grade of eighty per cent. or better, on Lesson No. 1 of the Toll "Correspondence School":

| | |
|-----------------------------|----|
| C. Wylie, Elgin..... | 91 |
| R. Kampert, Barrington..... | 85 |
| C. Murphy, Evanston..... | 85 |
| A. Torgler, Palatine..... | 81 |
| G. Beck, Plano..... | 80 |
| B. Hinsdell, Elgin..... | 80 |
| K. Kasper, Gary..... | 80 |
| A. Lindenmeyer, Aurora..... | 80 |
| M. Lindenmeyer, Aurora..... | 80 |
| M. Priebe, Plano..... | 80 |
| M. Thies, Hammond..... | 80 |
| E. Young, Waukegan..... | 80 |

The following received a perfect grade of 100 on Lesson No. 2:

| |
|--------------------------------|
| L. Hughes, Antioch. |
| E. Malzahn, Arlington Heights. |
| B. Crowl, Aurora. |
| W. Grundstrom, Aurora. |
| A. Lindenmeyer, Aurora. |
| M. Lindenmeyer, Aurora. |
| A. Roady, Aurora. |
| L. Matthies, Blue Island. |
| C. Schulz, Blue Island. |
| N. Adams, Chicago Heights. |
| F. Brunet, Downers Grove. |
| C. Potter, Downers Grove. |
| H. Staats, Downers Grove. |
| B. Hinsdell, Elgin. |
| K. Gould, Elgin. |
| H. Matson, Evanston. |
| D. Barrett, Gardner. |
| M. Hansen, Gardner. |
| F. Hennessy, Gary. |
| K. Kasper, Gary. |
| M. Lindo, Geneva. |
| C. Dietrich, Glencoe. |
| E. Ludeker, Glen Ellyn. |
| F. Seward, Hammond. |
| E. Bouwman, Harvey. |
| E. Budwash, Harvey. |
| E. Gustafson, Harvey. |
| K. Moran, Harvey. |
| E. Bradley, Joliet. |
| M. Rafter, Joliet. |
| M. Ruffing, Joliet. |
| E. Krahn, Joliet. |
| G. Durland, LaGrange. |
| A. Gonderman, Orland. |
| A. Dick, Plainfield. |
| G. Fellows, Plainfield. |
| O. Keene, Plainfield. |
| G. Reninger, Plainfield. |
| K. Melville, St. Charles. |
| M. Hayes, Waukegan. |
| G. Holland, Waukegan. |
| E. Steckler, Waukegan. |
| E. Young, Waukegan. |
| B. Diebold, West Chicago. |
| E. Ehredt, West Chicago. |
| M. Merriman, West Chicago. |
| M. Diebold, West Chicago. |
| G. Vater, Whiting. |
| A. Heinzen, Wilmette. |
| M. Meyer, Wilmette. |
| A. Koller, Winnetka. |
| S. Koller, Winnetka. |
| H. Maag, Winnetka. |
| H. Schroeder, Winnetka. |
| L. Oestrelcher, Yorkville. |
| I. Stumm, Yorkville. |

Toll Division

Alma J. Warnke, day toll operator, who has been ill since August 16th, is convalescing at her home, having returned from the hospital.

Helen Nelson, day toll operator, who has been ill since October 15th, is reported as improving, but is not expected back to her position for some time.

Jennie Flynn, evening toll operator, who has been ill since October 19th, suffering from an attack of appendicitis, has returned to her home from the hospital. Miss Flynn expected to be back to her position December 1st.

Margaret Farrell, evening toll operator, is convalescing from an attack of diphtheria.

Miss Bendel, day toll supervisor, has resigned her position to accept one as stenographer for a prominent physician.

Edna West resigned her position as day toll operator, October 30th, to become the bride of Dave Berkley. The ceremony took place, Monday, November 9th. Mr. and Mrs. Berkley have made their new home at 1419 Sixty-eighth street. Miss West was the recipient of a handsome piece of cut glass presented by the toll girls.



ENTRANCE TO CHICAGO ART INSTITUTE.

Where Chicago Telephone Employees Will Enjoy Lecture and Concert December 16th.

Cupid has once more invaded our ranks, this time to carry off Caroline Phillips, toll day operator. Miss Phillips became the bride of Mathias Miller on Thanksgiving morning, November 26th. The ceremony took place at St. Benedict's church. Miss Phillips has the best wishes of the toll girls for her future happiness.

Miss Bolger and Miss Spiegel report having spent a most delightful afternoon, Saturday, November 7th, with Addie Farnam at her home in Blue Island. Miss Farnam who has been ill for some time is now on the rapid road to good health. Miss Farnam's trip to California proved very beneficial to her, and she now contemplates spending the winter in Kansas.

Miss F. C. Young, instructress for the suburban department, and Mrs. Mabel O'Hara, toll chief operator, have been making a tour of the suburban district. Among the places which they visited are Evanston, Joliet and Morris, Ill. The suburban chief operators in turn will visit Toll.

Emma Dobry and Josephine Finn have each taken a leave of absence in order to visit their homes. Miss Dobry's home is located at Baldwin, Mich., where she spent two weeks visiting her parents and her sister who was a former toll operator. Miss Finn visited her home in Cleveland, Ohio, to attend a Thanksgiving family reunion.

Anna Villwock, toll supervisor, resigned her position to become the bride of William Griebenow. The ceremony took place October 3rd. Miss Jurgenson of Toll acted as bridesmaid. The Toll girls presented Miss Villwock with a handsome cut glass water set and vinegar cruet, and also gave a delightful luncheon in her honor.

The Toll force had the pleasure of entertaining Miss P. Day of East Chicago, Miss T. Traffley, Miss C. Leissenfelt, Miss M. Moran of Hammond and Miss K. Doyme of Gary on Thursday, November 12th. Mrs. O'Hara, the Chicago toll chief operator, entertained these visitors and Miss Young of the Suburban department and Miss McCormick, toll senior supervisor, at luncheon at noon. We are glad to have our friends from the Suburban territory visit us and trust that they will in turn feel well repaid for the time spent.

Aurora District

Cards have been received from Bernice Pearce, formerly of the commercial department at Aurora, saying that she is located for the winter at Pasadena, Cal.

Miss McVicker, chief operator at Aurora, spent a two weeks' vacation in Maywood, Evanston and West Brooklyn. Mary Lindenmeyer was in charge of the operating force during Miss McVicker's absence and

Lorette Quirin was appointed relief supervisor.

Alma Roady of the Aurora office entertained the "Steadies" recently. The club consists of Lula Gillis, Neva Hills, Edna Graves, Miss Roady and their friends. The idea of the "Bunch" is to form an everlasting partnership.

Mrs. Beck, chief operator at Plano, has returned from a vacation spent in making numerous short trips by auto. Minnie Priebe acted as chief operator in Mrs. Beck's place.

Iva Normandin of Plano has resigned her position and will move with her family to Yorkville where her father takes the office of sheriff of Kendall County. May Baines will fill Miss Normandin's position.

Elgin District

Wilda Graves, toll operator at Elgin, is taking a post graduate course at the Elgin high school.

The home of Mrs. Mabel Tanner was artistically decorated with orange and black streamers, black cats, pumpkins and bats November 5th, when she informally entertained ten of her central friends. Rhum was the main feature of the evening, favor for low score being awarded to Vera McKenzie. A Dutch supper was later enjoyed, consisting of sour kraut, wieners, cheese, rye sandwiches, pumpkin pie and sweet cider. Those attending were Doris Triggs, Charlotte Wylie, Vera McKenzie, Alice Reeves, Violet Wylie, Carrie Klein, Pauline Fritz, Elsie Johnson and several former operators.

About twenty girls took a five-mile hike to Dundee one recent Sunday morning, leaving Elgin at seven o'clock and reaching Dundee about 9:15. Their destination was the farm of Mrs. Carrie Klein's parents. A wiener roast was enjoyed, coffee and cake being served. Those making the trip from the Elgin office were Mrs. Carrie Klein, and Violet and Charlotte Wylie, Pauline Fritz, Elsie Johnson, Vera McKenzie, Doris Triggs, Alice Reeves and Lena Blank.

Election day, November 3rd, the operators were remembered by William F. Lynch, acting county clerk, who sent ten pounds of candy. On account of his position Mr. Lynch was forced to use his telephone continually, and wished in this way to show his appreciation of the prompt and most efficient service rendered.

Charles J. Foley, commercial clerk, was married November 16th, to Amy L. Blesse. Mr. and Mrs. Foley left immediately after the wedding for a two months' honeymoon in the West. Los Angeles, San Diego and other points of interest will be visited.

Odin Rovelstad was transferred from the office of the plant department to the com-

mercial department during the absence of Mr. Foley.

Gladys Jordan, stenographer for the commercial department, returned from her vacation. She visited southern Mississippi, including Jackson, Gulfport and other cities along the gulf. Miss Jordan reported a delightful trip.

Irene Althen, toll biller for the commercial department, has been listed with the sick for the past month.

Evanston District

Irene Wyman, order clerk for the Evanston district, left November 1st, for Monrovia, Cal. on a four-months' leave of absence. Madge McCaffrey of Highland Park has been appointed order clerk during Miss Wyman's absence. Miss McCaffrey was formerly employed by the company at Glencoe.

During the month of September, the Evanston district gained 150 stations.

Miss Anna Smith, bookkeeper at the Evanston office, is spending her idle hours painting china. She recently exhibited a piece at the office. We believe it was a soup dish but are not certain.

Lula Leonard, supervisor at Evanston, has returned from a month's vacation spent in Spaulding Springs, Mo.

Rose Bauer, repair clerk at Wilmette, was married Tuesday, November 3rd, to Peter Schafeken. The marriage took place at St. Joseph's church in Grosse Pointe. A wedding breakfast followed at the home of the bride after which the young couple left for an extended trip to California.

C. L. Fleming, night switchboard repairman, has secured a three months' furlough. He is planning to take an extensive trip through the Panama Canal zone. L. Mutton, formerly installer, has taken up the work during his absence.

F. Stewart, installer, resigned to take up a position with the electric light company at St. Charles, Ill.

W. Moorman, storeroom man, has undergone a serious operation at the Evanston Hospital. At the present writing he is doing nicely.

The power plant and wiring have been completely changed during the past few weeks. A new slate panel was added to the powerboard with additional switches. The old type interrupters were changed to high-speed interrupters.

Hammond District

Emma Hanning, toll clerk at Gary, was transferred from the commercial department to the traffic department as lost time operator.

Rose G. Ruschli, cashier at the Hammond exchange, has resigned.

E. Schnulle, foreman of the Hammond district floating gang, who was injured last September in an automobile accident, has again resumed his duties. Apparently he has fully recovered as the smile of "Old Berlin" is still to be seen on his beaming countenance.

E. J. Harding, district foreman, who is known throughout the Suburban division as "Bosco," has entered the ranks of indoor baseball professionalism, which in plain English means that he has become an enthusiastic fan and hopes some day to be promoted to the position of water boy, after which further promotion will be rapid.

William Hultgren, cable helper at Hammond, while working on an aerial cable terminal, missed his footing and fell twenty-five feet to the ground, resulting in bruises to his back. Mr. Hultgren was taken to his home where he is doing nicely and from latest reports will be able to take up his work in the near future.

George Vansteenberg has been transferred to Hammond as a sub-foreman from the special estimate work on the North Shore cable.

Mr. Killigren, in behalf of the Republican Headquarters, presented the Gary toll operators with a twenty-dollar bill in appreciation of good service rendered during the campaign.

The Lowell operators received several boxes of sweets from subscribers in appreciation of good service, both local and long distance.

I. Buckley, night operator at Lowell, spent a week's vacation with relatives and friends at Quincy, Mich.

Miss A. Kingston, senior supervisor at Hammond, is recovering and is expected to assume her duties in the near future.

Miss M. Moran, chief operator at Hammond, Miss N. Traffley, toll chief operator, and Miss C. Liesenfelt, traffic chief's clerk, recently visited the main office in Chicago.



REUNION OF CHICAGO OPERATORS AT LAKE BLUFF.

Joliet District

A new contract was taken last month by the commercial department for the installation of a private branch exchange with two trunks and four terminals for the Joliet Steam Dye House.

Charles Levering, a lineman working out of Joliet exchange, was struck and instantly killed by a street car in Joliet Sunday, October 25th. Mr. Levering leaves a wife and many relatives and friends to mourn his death. He was a member of the Modern Woodmen of America, the Masons and the Knights of Pythias.

Bert Jenkins, formerly an installer at Joliet, who has been confined to his home for the past eighteen months on account of injuries incurred by a fall from a pole, has returned to the hospital to undergo another operation in hope of securing complete recovery from his injuries. The last reports are that he is convalescing rapidly.

Robert Springer, a lineman at Joliet, resigned his position to finish a law course at Chicago University which he had taken up previous to entering the employment of the telephone company. He is at present spending a few weeks with his parents at Robeson, Ill.

E. Gilbert, night operator at Mazon, resigned to be married.

La Grange District

Otto Koenig, wagon man at La Grange, is still confined to the hospital and must undergo another operation.

Miss P. Jones, operator at LaGrange, has been transferred to Arlington Heights as chief operator.

District Manager Wylie has been unable to solve the mystery of "Who ate the figs." Frank Hawkshaw Sinclair has been working on the case, but so far has been unable to run down the culprit.

Margera Merriam has been appointed order clerk succeeding Evelyn Newman, resigned.

The Downers Grove office has been moved to new quarters on Main street opposite the old office, and as it is a great improvement over the old office every one concerned is greatly pleased.

Mrs. Nina Hoffert has resumed her duties as chief operator at Downers Grove after a pleasant two weeks' vacation.

The grounds around the Berwyn office will be very much improved in appearance next spring, when the shrubbery recently planted starts growing.

Helen Miller, lost time operator at Berwyn, resigned November 7th.

Oak Park District

The Oak Park exchange has been making substantial gains in stations this year. During October the 7,700 mark was passed. Oak Park is expected to reach the 7,900 mark by January, 1915.

The extremely warm fall has evidently reduced the price of winter coats, as several new ones are being worn by employees of the commercial department.

M. J. Holleran, Oak Park cable helper, has taken a prolonged leave of absence on account of his health and will spend the winter months recuperating in the east.

An automobile has been converted into a line order truck at Oak Park and is used for the installations of service wires to the houses. Under the careful management of Installer Hecketsweiler it has proven a great success.

The new Oak Park building, which has been in the course of construction during the last few months will soon be completed. In order to occupy this building it was necessary to install 200,000 duct feet of conduit or 20,000 lineal feet of trench. The ideal weather conditions of the early fall permitted the work to advance rapidly and it is now completed. The greater portion of the 900-pair cable will be ready for service the first part of next year.

Ten additional toll circuits west from Chicago to various points has been installed and are now in service. Great progress has been made in removing trees and branches which were interfering with the toll lines west of Chicago. Material is now being received for the additional switchboard at the Maywood office and work will be started at once.

Waukegan District

J. B. Cook, plant foreman who had charge of building the toll line from Great Lakes Station to McHenry, was taken to the McAllister Hospital on November 10th with an attack of typhoid fever.

On account of the small pox at Zion City, most of the plant and traffic employees at Zion City and Waukegan exchanges are going around with sore arms due to being vaccinated.

A report from our chief operator, Miss



CATHERINE WYLIE.

Catherine Wylie, supervisor of the Elgin exchange, received the highest average for answering the first set of questions bearing on the duties of the toll operators in connection with the Traffic Correspondence School in the Chicago Suburban Division. Miss Wylie's average was ninety-one per cent.

Williamson at Zion City, says that the exchange received no complaints of poor service for the week ending November 7th, and that three different subscribers called and thanked her for good service.

At Lake Forest a 600-pair cable has been recently cut in; 300-pairs going underground to Lake Bluff, taking the place of a 100-pair aerial. The other 300-pair cable supplies the southeast part of the city, taking the place of several blocks of aerial wire. This cable installation has reduced trouble about thirty-three per cent.

At Highland Park a 600-pair cable was cut in, which necessitated cutting over 640 lines, also necessitated the running of about 2,400 feet of flame-proof jumper wire in the distributing frame. This work was started at 9 p. m. and completed at 5 a. m. the next day. The cable cut was under the direction of Cablemen Stanger and Herr.

District Plant Foreman H. S. Day has returned from a two weeks' vacation and reports a good time.

Mr. Burg, manual training teacher, and Miss Patrick, domestic science teacher of the Waukegan city schools, have been visiting the Waukegan exchange with the eighth grade pupils. This took five different days, as they could only bring one class at a time. The scholars were well pleased with their visit. On Thursday, November 19th at 2:30 p. m., a lecture was given under the direction of the vocational guidance department by B. A. Pratt of the Suburban commercial department. The lecture was illustrated with lantern slides.

Wheaton District

George Hudson, repairman, and Hazel Sovo, operator at Batavia, were married November 5th at Oswego.

Woodstock District

Frieda Rehfeldt is succeeding Ruth Horner as night operator at Barrington.

Miss C. Kolling, Arlington Heights chief operator, is on a furlough for a few months. Miss P. Jones of La Grange is taking her place.

Among the visitors at the Woodstock office last month, were Mr. Hanna's triplets, three girls, aged eight years. The girls were very much interested in the work at the switchboard and expressed their desire to become telephone operators.

Mr. Dralle of Arlington Heights exchange recently ate a square meal at his home in Bartlett, Ill. Since that time, his health

has improved, we suppose the reason being, he had duck instead of chicken for dinner. No place like home, after all.

Vera Thompson, district order clerk, entertained Arline Austin and Lenora Mentzer of the commercial department and Mabel Gallagher and Mrs. George Voss of the traffic department of Woodstock exchange, at a "slumber party," at her home in Woodstock on Saturday evening, October 31st. The early part of the evening being spent in playing harmless (?) pranks on numerous friends in the neighborhood until a police alarm was turned in, when the fair maids fled and proceeded to do justice to an appropriate lunch, after which they retired to dreamland. The girls report a very enjoyable evening and proclaim Miss Thompson an excellent hostess.

Beatrice Doll, former toll clerk at Woodstock, who resigned several months ago to be married to Lester Fish of Fond du Lac, Wis., has returned to Woodstock with her husband, and Mr. and Mrs. Lester Fish are now at home to their many friends on Dean street.

Foreman Earl H. Jencks of the Woodstock district is confined to his home with smallpox. The disease will run about twenty-one days and is pronounced by Dr. Crawford of the State Board of Health as a serious case. About a month ago a traveling pedler of patent medicines did business through the northern part of McHenry county, around Harvard, and he stopped five consecutive nights with farmers near there and since these visits, in each place smallpox has broken out. Foreman Jencks with his line gang stopped at one of these farm houses for dinner. He was taken ill Wednesday, October 21st, and the case was pronounced smallpox the following Monday.

Lineman Charles Hanna of the Woodstock district, who is the father of the "Famous Hanna Triplets," has moved his family to Woodstock, Ill., where they will make their future home.

Considerable excitement was caused at the Barrington exchange recently by the burning out of the motor at about two o'clock in the morning. The night chief operator smelling the smoke and thinking the building was on fire immediately called the wire chief, who responded promptly and found that the motor had burned out. The current had gone off temporarily and when it came on the automatic starting device failed to operate.

The Chicago and Northwestern Railway Company has completed and occupied new depots at Woodstock, Crystal Lake and Barrington. New booths and telephone equipment were installed. The wiring was anticipated and completed long before the buildings were ready for occupancy, so that no interruption to service was caused when the move was made. The railroad inspectors praised the repairmen and installers who did the work, for their thoroughness and neatness.

Illinois Division

A. J. Parsons, Correspondent,
Springfield

Alton District

Julia Hale, clerk at Alton, Ill., resigned October 1st to be married in December to Dan Burns of Litchfield, Ill. She is succeeded by Roberta Monka. Miss Hale had been an employe of the company for four years.

Gladys Ellington, local operator at Wood River, Ill., resigned her position September 15th to be married in November to Ralph James of Kansas City.

A very pretty wedding took place at the St. Boniface Catholic Church, Edwardsville, Ill., on October 7th, when Marie Bosen, for the past three years toll operator at Edwardsville, was married to Timothy Lynch of Highland, Ill. The bride was attired in a dark blue tailored suit with hat to match, and carried white chrysanthemums. Francis Bosen, night operator at Edwardsville, and sister of the bride, was bridesmaid and Alphonse Bosen, brother of the bride, served as best man. Mr. and Mrs. Lynch will make their future home at Thebes, Ill. Ruth Waters, local operator at Edwardsville, succeeds Miss Bosen as toll operator.

Martha Metzger, collector at Edwardsville, Ill., and Nettie Metzger, gave a miscellaneous shower at the home of their sister, Mrs. George Tegmeier, 317 Troy Road, in honor of Marie Bosen, who was married on October 7th. Miss Bosen was the recipient of a number of gifts. She was presented with a beautiful set of silver by the traffic and commercial departments of the Edwardsville exchange.

Louise Brase, chief operator at Edwards-

ville, and Mrs. H. T. Lindbeck, formerly a local operator at Edwardsville, gave a kitchen shower at the home of the latter in honor of Marie Bosen. A very pleasant evening was spent and Miss Bosen received many useful presents.

Mr. and Mrs. E. L. Lax, Louise Klein and Louise Braze of Edwardsville attended the annual ball given at Reese Brothers' hall, Collinsville, Ill., by the Collinsville operators on October 17th.

Centralia District

Ella Busse, local operator at Centralia, has left the service, having been married to Joe Wolff of Centralia on September 15th. She is succeeded by Lillian Clements.

Alma Highshoe, instructor in the Centralia district, spent her vacation at Paris, Ill. The Central Union girls at Centralia, Ill., gave Hazel Lewis, toll operator, a pleasant surprise at her home on the night of October 20th, her birthday. Contests and music were the pastimes of the evening. The girls presented Miss Lewis with a beautiful valentine. Light refreshments were served.

Addie Pfeiffer, traffic chief at Centralia, spent her vacation in St. Louis, Mo.

The Misses Alma Highshoe, instructor in the Centralia district, and Addie Pfeiffer, traffic chief at Centralia, attended the dance given by the Collinsville operators at Collinsville, Ill., on the night of October 19th.

Sadie Belford, toll operator at Murphysboro, resigned her position and was married to A. Parrott of Murphysboro on November 4th. Miss Belford is succeeded by Edith Furness.

Irene Lambrecht, cashier at Centralia, spent her vacation at St. Louis.

Through the kindness of the manager of the Cairo Opera House, the Central Union operators were treated to a theater party on October 4th.

May Sturgess, chief operator at Vandalia, has returned to duty after an absence of three months on account of sickness.

H. W. Redman, repairman at Mt. Vernon, resigned his position October 1st, and was succeeded by C. W. Lancy.

Mamie Malone, local operator at Mt. Vernon, viewed the Veiled Prophet's parade at St. Louis, Mo. October 6th.

J. T. Turner, manager at Mt. Vernon, spent his vacation in Quincy, Ill., attending the Grand Lodge, K. of P. of which he was grand representative.

The Cairo plant department has been provided with a much needed addition to the store room, arranged with suitable bins and racks for material.

Contracts have been secured for service at the Maloney and Bucher Wagon Works, William Ohler Wagon Works and Brown's Business College, which will make a good addition to the increasing business at Cairo.

Champaign District

A traffic agreement has been arranged by District Manager Clark covering Mahomet, Ill. This is a thriving little city of 600 population, and will prove a valuable addition to our connecting companies.

Work on the new toll circuit between Champaign and Gilman is rapidly nearing completion under the supervision of Foreman Jack Radcliffe.

F. M. Sidenstricker has taken a position as collector at Champaign, succeeding George A. Pankey, who has been transferred to the position of timekeeper for Construction Foreman Radcliffe.

Through the courtesy of Ed Alexander, an old time lineman of the Central Union Company, Manager Clark has come into possession of an interesting relic of bygone days in the telephone field. It is a telephone directory of the Champaign exchange in card-board form and dated February, 1894. It contains a list of 191 names which comprised the total number of subscribers at that time. A. Wicks is shown as manager. Mr. Wicks is still in the telephone business being clerk to the plant chief at Rockford.

Marie Capps, supervisor at Champaign, entertained at a masquerade Halloween party October 30th. A jolly time is reported.

Galesburg District

Pansy Dalton, supervisor at Rock Island, has been transferred to Galesburg.

Mabel Miller, supervisor at Galesburg, has resigned to take a position in the office of the Holmes Lumber Co.

Alta Lewis, formerly toll operator, was married to H. O. Mumma, of Sherrard, Ill., October 7th.

Mr. Frichard, president of the Abingdon Home Telephone Company, was a caller at the Galesburg office recently.

I. H. Epley, president of the Maquon Mutual Telephone Company, at Maquon, Ill., visited the Galesburg office recently.

C. E. Wood, testman at Galesburg, motored to Oregon, Ill., with a party of friends and spent a few days there.

A connection has been established at Bushnell with the Western Illinois Telephone Company.

The employes of the Monmouth Telephone Company at Monmouth, Ill., won second prize October 30th with their float which appeared in a parade of floats and other decorated vehicles, representing the different business

Kankakee District

Work of reconstructing toll lines and placing new copper circuits between Watseka and Danville is in progress under the direction of Foreman Jack Radcliffe.

A No. 104 copper circuit, replacing an iron circuit, was recently completed between Watseka and Clansna Park, greatly improving the service between these points. The work was done by the local exchange force of Kankakee in charge of A. V. Smith.

Material is at hand for reconstructing the Kankakee-Gilman toll lead. New copper with additional phantom circuits is to be



PRIZE WINNING FLOAT OF MONMOUTH TELEPHONE COMPANY.

firms in Monmouth. It was a cash prize and the employes used the money to give a lunch in the rest room at their exchange on election night.

Jacksonville District

The regular monthly traffic meeting was held Friday evening, October 23d, at Beardstown, Ill. The subjects for the evening's discussion were "Rates" and "Time Allowances."

The plant department at Beardstown has instituted a series of weekly meetings. Tuesday, October 27th, "Sound Waves" and "Electric Energy" were the subjects for discussion. At the last meeting, Tuesday, November 3d, the different parts of the telephone were discussed.

In the last issue of the News under Jacksonville district items, it was noted that a seven-passenger motor boat had been received at Beardstown, Ill., and that the formal launching and christening would take place, etc. It all happened Tuesday afternoon, October 29th. District Manager Howells was in charge of the ceremonies. After being beautifully decorated with "Blue Mud and Oil" the "Speed Demon" was launched into the mighty waters of the "Illinois" and headed upstream amid much cheering. The "Speed Demon," however, refused to go upstream and all the persuasion of the entire crew combined with their knowledge of gasoline engines could not convince it that the idea of the gathering was to ride not "float." After numerous fruitless attempts to start the engine, Foreman Edwards suggested that they return whence they came by the use of cold 628-01. At this point an explanation was due "Nick" Harrison, he being of the traffic department. All present took seat boards, flooring, etc., and returned laboriously to shore. Manager Seymour voted the prize offered by District Plant Chief Miller for the most suitable name for the boat, but it is thought best not to publish it. Mention motor boat to the "bunch" and you'll get in return "NEVER AGAIN."

Orange blossoms at Beardstown! Alma Merrit, night chief operator, and Alma O'Hara have resigned.

Bernice Philippi has been promoted to toll operator at Beardstown, succeeding Miss O'Hara, resigned.

Florence Murray has been promoted to night chief operator at Beardstown, succeeding Miss Merrit, resigned.

Grace Duchardt, local operator at Beardstown, has returned to her duties after a two weeks' visit in Rock Island.

installed and work is to be completed this fall.

Material for reconstruction of the Kankakee-Dwight toll line is reaching shipping points. Work on this estimate is to be completed in the near future and will add toll facilities from Kankakee to points north of Dwight.

Work on the construction of special iron crossing fixtures over the Kankakee River at Waldron was started in October. This work was made necessary on account of the construction of a concrete bridge 530 feet in length between approaches at this point. Special conditions are to be met in the construction of this crossing and photographs of the present and new work will appear in a later issue.

F. W. Marshall resigned the position of traffic chief at Kankakee and is succeeded by I. I. Andrews of Champaign, supervising traffic both at Champaign and Kankakee with subsidiary exchanges.

F. W. Ashby has resigned the position of clerk in the plant department at Kankakee. The duties of the position have been assumed by Harry Hanson, in connection with his position as storekeeper.

Paris District

R. L. Wright, district manager at Paris, was married October 11th to Leota Breathlove of Charleston, Ill. They are residing at 225 Chestnut street, Paris.

The repair work on the Paris-Mattoon toll lead is progressing nicely, under the supervision of Charles Banty.

Peoria District

Foreman Fred Merrill has now completed all underground work on the estimate for Peoria for this year and has started to pull in the underground cable for the bigger part of the aerial cable which is ready to be connected as soon as the underground cable is spliced.

All local repairs, with the exception of one at the Peoria exchange, are now equipped with motorcycles; marked improvement in clearing trouble is shown.

The second and third floors in the area way at the Peoria Main building have been closed up, making room for three sections of additional board in the toll room and additional main frame in the wire chief's room.

J. C. Cole, installer at Peoria, was married October 21st to Katherine Kehoe, a former employe of the company. All join in good wishes for their future.

The Hippodrome theater at Peoria sent about 200 complimentary tickets for one of its shows to the employes of the Peoria

exchange. The performance was heartily enjoyed by the recipients.

Ora Adams, repairman at Pekin, has resigned and is succeeded by Ira Everett Ray.

Quincy District

Mamie Shomaker, toll operator, resigned and was married to Albert Verheyen. They will still reside in Quincy.

May Jentry, local operator, resigned and removed to Normal, Ill. She was the guest of honor at several parties and picnics before leaving.

Elizabeth Wessel, local operator, resigned and was married to Albert Jacobs of Quincy.

A young lady from Manchester, England, made application for a position as operator, and in filling out the application she gave her weight as eight stone, seven. Can any of the readers of the News tell just how much this young lady weighs?

The Quincy exchange building has just received a new coat of paint, and is now one of the finest looking buildings in the state, as the location is beautiful and the building picturesque.

The traffic department gave the last picnic party of the season in October and invited the plant and commercial departments. The picnic was held in West Quincy in Riverside Park. About seventy-five employees attended and all reported a fine time.

Rockford District

Members of the operating force entertained in honor of Mrs. Lawrence Wigell, formerly Aurill A. Horgan, instructor at Rockford, and Grace Lewton, whose marriage was an event of November 3rd. The affair was held at the beautiful residence of O. J. Wigell, north of the city, and was in the nature of a surprise for the honored guests. A musical program of vocal and instrumental numbers was rendered by the different operators and later refreshments were served. Mrs. Wigell and Miss Lewton were each presented with a silver service.

Eight members of the toll department have organized a sewing club which meets each Tuesday at the home of one of the members. The girls are planning to make their Christmas gifts at these meetings, thus accomplishing considerable work while enjoying a social evening and encouraging the spirit of good fellowship among members of the force.

An estimate has been approved for rebuilding the toll pole line between Dixon and Sterling. Material is now arriving and work will be commenced at once.

An estimate has been approved for rebuilding and stringing three additional circuits on the Rockford-Chicago lead between Rockford and Garden Prairie. Material is now arriving and work will be commenced as soon as a sufficient quantity is on the ground.

Foreman Culp has just returned to Rockford from the "Jungles." He has been working in the rattle snake regions between Galena and Stephenson County line. Foreman Addington is repairing the toll line between Winnebago Junction and Oregon.

The regular meeting of the Rockford plant department was held on Wednesday, October 28th and was presided over by District Manager Eby. The subject discussed was "Y" is a Charge.

Rock Island District.

Myra Brimmer, of the Moline office, and Rufus Shaw were married October 5th. Hoping to escape the pranks of their friends they went to the Manufacturers Hotel to spend the first days of their honeymoon. The plan worked until two days after the wedding when they went out for a buggy ride. They were driving gaily along when the friends appeared, stopped the horse, removed it from the shafts and, seizing the shafts, themselves proceeded to haul the blushing couple through all the downtown streets, while other friends accompanied the procession as members of a tin can band. By the time the couple reached the hotel there was a crowd of fifty following the buggy.

Springfield District

Ruth Helenthal, repair clerk, resigned October 15th. She was married to Charles Madison of Bloomington, Ill., on October 28th. Ethel Searcy, local operator, succeeds Miss Helenthal as repair clerk.

The H. G. L. girls gave a masked Hallowe'en party in their club rooms in the Y. W. C. A. The decorations were very pretty and suggestive of the Hallowe'en season. The evening was spent in playing various Hallowe'en games, and telling ghost stories. Late

in the evening, delicious refreshments were served. All present report a most enjoyable time.

The initial meeting of the P. N. K. Club which is composed of the girls employed in the district manager's office, was held at the home of Mae Duggan, October 18th. The club is composed of the following members: Mildred Wiley, Nontie Duggan, Wori Velle, Edna Little, May Doyle, and Mae Duggan. The chief pastime of the club is needlecraft. Delicious refreshments were served, and the evening was pronounced quite a success by the members. The second meeting of the club was in the form of a Hallowe'en party, and was held at the home of May Doyle. Her home was prettily decorated in autumn leaves and ferns. Music and dancing furnished entertainment for the evening, after which refreshments were served.

Kern Underwood, employed in the plant department, was married to Wilda Patton, in Peoria, on October 30th.

A private branch exchange, with four trunks and seven stations, has recently been installed for the Springfield Produce Company.

Edna Little, directory clerk, has returned from her vacation, which she spent in St. Louis and Webster Park, Mo., visiting relatives and friends.

Ohio Division

B. T. Calaway, Correspondent.

Columbus

Banquet at Zanesville

On the Tuesday night before Thanksgiving day, six monster turkeys with all the appropriate "fixins," delighted the appetites of eighty-four employees of the Central Union Telephone Company at Zanesville, Ohio. The banquet, for such it was, was given in the rest room of the exchange building.

The committee consisting of Chief Clerk Floy Baker, Traffic Chief Mae Fulton and Wire Chief Jack Ribble did themselves very proud in providing an entertainment long to be remembered by those who were fortunate enough to be present. The guests were seated by place cards at 8 p. m., and then much eating was in order, with Miss Baker and Mr. Ribble in the lead, with Miss Fulton carrying away first honors with the pickles. Lillian Scheffer's program on a grand Victrola was most entertaining. Her selections of fox trots and turkey trots were mostly encored, as everyone was keeping time to the music while eating.

The tables were arranged in the shape of an "H" and they were handsomely decorated with chrysanthemums and smilax. The rooms were decorated in red, white and blue with an immense electrically lighted blue bell in the center.

Manager Brehmer gave a brief sketch of the advance of the telephone business in Zanesville from the time in 1879 when Mr. Hoge and Mr. Schultz had the first telephone in Zanesville, connecting their offices with their factory, up to the present, when all business would be paralyzed if the telephone service should suddenly fall.

Mr. Brehmer's remarks also brought out the fact that in 1880 the first telephone company was organized in Zanesville. It was the Muskingum Valley Telephone Company. A franchise was secured by William Mansfield. This company was succeeded in 1888 by the Central Union Telephone Company, which in 1891 had 396 telephones, as compared with 4,686 today.

J. W. Cherry, plant superintendent for Ohio, then made an address congratulating those present upon the high standard of efficiency maintained in the Zanesville territory and expressing himself as "glad he came."

Traffic Chief Mae Fulton, in behalf of the lady employees, thanked the men for the bountiful supper, and evening entertainment.

Clay McClurg, district plant chief, then undertook to tell some stories but Photographer Sid Smith cut them short.

The list of those present follows: Mary Conlan, Nellie Osborn, Floy Baker, Mae Fulton, Clara Moultrap, Hazel Maier, Mabel Slyder, Alice McCormick, Anna Christ, Garnet Williams, Louise Harper, Mabel Nicklin, Lulu Taylor, Alice Magruder, Hilda Rogge, Mabel Ross, Gladys Battenhouse, Helene Felswell, Ethel Johns, Margaret Monahan, Elizabeth Sebaugh, Ina Empley, Goldie Amrine, Katherine Bridwell, Ruth V. Crawford, Marie Stewart, Lillian Scheffer, Marie Bolin, Lillian Roach, Nellie Rucker, Marie Bridwell, Helen Brock, Louise Archer, Ruth Hivnor, Helen Friermuth, Mae Murphy, Lora Gray, Arline Barnell, Helen Pugh, May Williams, Laura Havens, Leatha J. Alles, Lillian Harvey, Nellie Kennison, Bessie Dorsey, Vera

Dunzweller, Mary Sebaugh, Florence Mulvey, Cora Mount, Wava Gray, Katherine Fogle, Anna Parrish, Roseville; Bessie Swope and Hazel Cox, Dresden; Messrs. Jas. McGlashan, P. R. Brehmer, A. E. Llewellyn, Homer McBride, Clarence Osborne, George Barton, E. A. Armentrout, Ben Homan, Jack Mohler, John Kackley, Fred Myers, Laca Bowman, Clarence Homman, Harley Robinson, C. C. Cazer, G. A. McNeal, Harry Llewellyn, Joe Egan, Fred Lorimer, M. E. Pennell, Jack Ribble, J. W. Cherry, plant superintendent of Columbus; C. McClurg, district plant chief of Lancaster, and H. Johnson, plant chief of Lancaster.

Nearly a Total Abstainer

Mr. Leicht and Mr. Young of the Dayton plant department, recently entered into an agreement that neither one would indulge in smoking for a period of forty-eight hours, five cents to be paid as a penalty if the agreement was broken. Mr. Leicht abstained three hours. He and his corn cob pipe were very uneasy during the period and he was almost heart broken when he paid his nickel. Later on in the day it was returned to him and he was again happy.

Chillicothe District

Lulu Taylor of the traffic department spent the first three days of December on a hunting trip with friends at Summerfield. Miss Taylor is an excellent marksmen and in three days bagged twenty-two rabbits.

Kate Swain, traffic chief at Roseville, Ohio, has moved with her family to Lancaster, where she will take up telephone work. Anna Parrish has been made traffic chief at Roseville to succeed Miss Swain.

Bessie Dorsey, deserving of a post graduate diploma in the traffic department, has resigned and it is rumored that C. J. Osborne's efforts at the recent telephone banquet, waiting table and washing dishes removed the last argument against his qualifications as a married man. Miss Dorsey has that charming personality which has made every one whom she meets her friend. She has filled at one time and another every position in the traffic department with the exception of chief, yet has been in the employ of the company only three years. Every one says best wishes, folks.

Bessie Swope, traffic chief at Dresden, is leaving this month with her folks for Oklahoma, where they will make their future home. Hazel Cox has been made traffic chief to fill Miss Swope's place.

Clara Coultrap, service observer at Zanesville, spent Thanksgiving with her sister at Wheeling, W. Va. Turkey was declared to be the only attraction but Miss Clara is wearing a beautiful solitaire.

Flora Sherrard, operator at New Straitsville, has resigned her position and is succeeded by Myrtle Alexander.

Mary Bell Yauger, operator at Somerset, has resigned and Marie Stalter is her successor.

Mae Schleyer, clerk at Circleville, has been succeeded by Lillian Mae Young.

The Burton-Townsend Company, a newly organized two-million dollar brick manufacturing company at Zanesville, has installed a No. 2 private branch exchange of two trunks and seven stations.

Columbus District

General Manager E. A. Reed is president of the Columbus Athletic Club and a vice president of the Columbus Chamber of Commerce.

J. T. Daniels, of the commercial superintendent's office, is vice president of the Columbus Rotary Club.

C. J. Metz, wire chief of the Columbus exchange, was recently elected to the office of trustee of the Columbus Chapter of the Jovian Order. This office corresponds to that of president.

Edward Binder, who for the past nine years has been growing up with the commercial department of the Columbus exchange, has been transferred to the division office, and is now engaged in trying to persuade the printing department to print larger directories, as he has sold all of the available space for advertising purposes.

A novel and ingenious electric scoreboard for displaying the various plays enacted in a football game, by means of lamps lighted by switches on the back of the board, has been devised by one of the electrical engineering students at the Ohio State University, and was demonstrated for the first time at the Ohio Union Club upon the occasion of the Ohio-Indiana game played at Indianapolis. A telephone instrument was installed on the field at Indianapolis and regular appointment calls were made over a



BANQUET OF CENTRAL UNION EMPLOYEES AT ZANESVILLE, OHIO.

telephone at the scoreboard to the telephone at the field, one call for each half. Service was maintained with perfect transmission and without interruption, and it is probable that many plays were understood by the spectators in Columbus before they were by those on the field, as a competent expert on side lines telephoned each play direct to the score board as fast as it was made.

The Tashmoo Club, composed of North office employees, gave its third dance of a series on the night of October 5th. The affair was an unqualified success. About 500 people attended.

North office has made a rapid growth during the past year. The Western Electric Company has just completed installing nine A and two B positions, raising the multiple from 6,900 to 8,000.

Fun by the barrels was enjoyed by the girls and boys of North office on Halloween. The second annual masquerade and "gab-fest" was given in the terminal room. Carl Metz won the prize for the funniest men's costume and Mary Hurley for the neatest girl's costume. The Milbourne Scott Trio, boys of North office, furnished music. The North Quartette, consisting of Glen Dunham, Helen Moroney, Ortie Haines and Harry Miles rendered several appropriate selections. A ring, thimble and dime which were baked in ginger bread, were found by Margaret Franey, thimble; Myrtle Shields, ring, and John Jones, dime. A lunch of cider, pumpkin pie, ginger bread and doughnuts was served.

Dayton District

The Springfield exchange force has completed the work of installing additional cable facilities at London, Ohio.

The installation of underground conduits and cable at Urbana and removal of poles from Main street has been completed by the Springfield exchange force.

H. Bell has completed toll line repairs out of Springfield. He has moved to Dayton to start work on construction between Dayton and Tippecanoe City.

The Springfield installation department

has completed the installation of a No. 4 private branch exchange of two trunks and thirty-six stations for the Crowl Publishing Company, a No. 2 exchange of one trunk and six stations for the Cappel Furniture Company, and a No. 2 system of one trunk and five stations for the Salzer Furniture Company.

An order for a No. 2 system, one trunk and nine stations for the Kelley Motor Company has been taken at Springfield.

J. Woods, repairman at Xenia, has returned to his duties after an illness of five weeks.

The installation department has completed the work of replacing a thirty line No. 101 board with an eighty line No. 4 board at the No. 1 plant of the Maxwell Motor Company at Dayton. Thirteen new stations have been installed at No. 3 plant. Orders have been issued for a cordless exchange of one trunk and four stations for the Binn Storage Company and a No. 2 system of one trunk and five stations for McConahay and Shea.

It has leaked out that H. E. Allen and J. R. Payton of Dayton, who recently attended the Pioneers' convention at Norfolk, and Richmond, were unable to weather the rough water between Norfolk and Washington.

Dayton has been made headquarters for the state and federal inspectors for eighteen counties in connection with the mouth and hoof disease epidemic. At 10 a. m. November 16th, a contract was signed by the authorities for a station in the Phillips House, and at 10:50 a. m. the station was in and working. The prompt manner in which the work was handled was greatly appreciated by the inspectors.

Foreman Darbyshire of the construction department, is installing a new 600-pair cable into the Dayton main office and a 200-pair aerial from Main and Warren streets to Kramer Lane.

W. T. Kain of Dayton has gone into the poultry business. He has twelve hens in his pen and expects to enter some of them in the Fancy Feather Exhibition at the Memorial Hall this month. Mr. Kain is buying all the books obtainable that contain the picture of a hen.

M. A. Young at Dayton, O., has gone into

the chicken business in his back yard. He has twenty-four hens and it is said that he gets from twenty-five to thirty eggs a day.

Toledo District

Pearl Randall resigned her position at Findlay October 31st, leaving the city. Lansing City will be Miss Randall's future home.

Edna Marie Wright, an employe with this company for the past twenty-three years, died at her home at Findlay Wednesday, October 28th, after an illness of one year. During her long period of service Miss Wright had made many friends among the employes of the company and among the public as well. Funeral services were held Friday afternoon, October 30th, at the Second Presbyterian Church. The operators in Miss Wright's division attended the funeral in a body.

Florence Powers, supervisor at Norwalk, has been transferred to Postoria, O., where she was made traffic chief.

One of the most delightful affairs of the month was the Halloween party at which Gertrude Bing was the hostess, Thursday evening, to the girls of the Central Union exchange at Sandusky. The large room which was the scene of the frolic was trimmed with an abundance of cornstalks, corn ears, pumpkins and other autumn products. Gay streamers of yellow and red were strung from the corners of the room to a central point in the ceiling. Conspicuous in the decorations were large bells. Corn ears were strung along the side walls. Cornstalks were massed in the center of the room. As a surprise to Miss Bing, her sister dressed up two stuffed figures as "rubes" and brought them in on a rustic bench, to find a resting place under the cornstalk tent. Jack-o'-lanterns furnished the only light. The girls danced to Victrola music and also participated in the pranks and games appropriate to Halloween. The guests were attired in comic outfits and produced much merriment with their interpretations of the various characters represented. Miss Bing served a bountiful supper to the girls at her home on Pearl street at the

close of the evening. The guests of the evening were: Minnie Gelsler, Alma Coles, Anna Westerhold, Gertie Bechtol, Jeanette Yerges, Mary Schemmer, Marie Yerges, Mable Guckert, Idabel Missing, Mary Britas, Mable Carroll, Ada Martin, Margaret Folk, Marie Bitzer, Lettie McCadden, Norma Murchell, Nellie Bauman, Cora Smith, Jean Gorden, Marjorie Butler, Esther Miller, Alicia Herring, Reha Birkmeyer, Lucy Brown, Griselda Smith, Lenora Snell, Iatlie Payne, Ruta Crossen, Christina Snyder, Edna Eggert, Millie Egert, Helen Ward, Ruth Wagner, Florence Smith, Lenora Biglin, Jeanette Miller, Edith Bechtol and Dorothy Taylor, and Gladys Smith and Lulu Fox, of Fremont, Ohio.

Edna A. Moran, who for the past five years has been clerk in the traffic department at the district office at Toledo, resigned her position to become the bride of John R. Manahan. The wedding was an event of September 24.

Indiana Division

D. H. Whitham, Correspondent
Indianapolis

Indiana News Items

The Central Union exchange at Albion was transferred to the Noble County Telephone Company as of November 1st and toll line connection under a standard traffic agreement made with the Noble County exchange at Albion. Through this contract we are also able to reach smaller exchanges at Wolf Lake, Wawaka and Kimball in Noble County, thus eliminating duplication in that territory.

As of November 1st the Central Union exchange at Frankton was sold to the Farmers and Citizens Telephone Company of Frankton and the two exchanges consolidated. A standard traffic agreement was made covering toll line connection with this company.

The Central Union exchange at Avilla was sold as of November 1st to the Avilla Mutual Telephone Company and toll line connection made under a standard traffic agreement. The property at Avilla had actually been turned over a short time before and the two exchanges have been trunked together. The Central Union board will now be removed and all lines cut into the Avilla company's board.

A new standard traffic agreement has been executed with the Chill Telephone exchange at Chill, Ind. This point will be checked by Peru. Heretofore Chill has had only independent long distance connection through the Central Union Company's board in Peru, but now connection will also be given by means of trunk lines between the Broad and Main exchange over Bell lines from the Main board.

A new standard traffic agreement has been executed by the Browns Valley Telephone Company at Browns Valley, Ind. Heretofore Browns Valley has been checked through Waveland, but this will make a more direct connection, the business being checked directly by our Crawfordsville exchange.

A standard traffic agreement has been executed with the Star Telephone Company of French Lick, Ind., by which the trunk lines will run between the Star Telephone Company's board and the Central Union board at French Lick, and Bell long-distance service will be given Star subscribers through the Central Union board.

A standard traffic agreement has been executed with the Hoosier Telephone Company covering connection at Orleans, Paoli and Livonia. Orleans and Livonia will be checked by Bedford, while Paoli will be checked by French Lick. Heretofore these particular exchanges of the Hoosier Telephone Company have had only independent long-distance connection.

A standard traffic agreement has been executed with the Eastern Indiana Telephone Company at Winchester, Ind., giving the Winchester Company outlet over Bell long-distance lines via Muncie and Union City. Winchester has been made a check direct point and will check and report all business from its exchanges in Randolph County direct.

Sam Tomlinson, of Plymouth, Ind., was a visitor at the general offices during the early part of November and reports telephone conditions very satisfactory with his company.

The new building of the Home Telephone Company, of Elkhart, Ind., is most complete in every respect and Elkhart now has one of the most up-to-date telephone offices in the state. V. N. Gregg, equipment supervisor, took care of the transfer of our toll lines to the new quarters.

The Central Union exchange at Richmond, Ind., has been discontinued and arrangements made with the Richmond Home Telephone Company to operate our long-distance lines and check and report all long-distance business. All toll stations checked by Richmond will be discontinued and business handled through the Richmond Home Telephone Company.

J. W. Stokney, general manager, was called to New Hampshire during the first week of November by the death of his sister, and on his return from New Hampshire stopped off a day with L. N. Whitney, former general manager of Indiana, now in Boston. Mr. Whitney is enjoying his work in his

line and conceded by all to have the most perfect costume. Through the kindness of George H. Wheelock the evening's program was closed with a Victrola concert, the instrument being loaned to the employees.

The South Bend Chamber of Commerce is having installed a No. 2 private branch exchange with five stations.

An art embroidery and crocheting class has been organized at the Telephone Building, South Bend, with Mrs. George Byers as instructor. Meetings are held from 7:30 to 9 each Friday evening.

An interesting meeting was held October 13th for all operators of the South Bend Main exchange. Two sessions were held to



UNDERGROUND WORK IN PROGRESS AT MICHIGAN CITY, IND.

The Merchants' Mutual Telephone Company of Michigan City has just about completed a \$15,000 underground estimate. This is the first underground work that Michigan City has ever done. Mr. Udell was the foreman on the job.

From left to right in the picture, sitting: R. D. Shaw, plant chief at Michigan City; Mr. Udell, foreman.

new position and sent his best wishes to all of the Central Union employees in Indiana.

Indianapolis District

The girls of the Woodruff office enjoyed a beautiful Hallowe'en party at the home of Esther Davis, Friday, October 30th. The house was decorated with Hallowe'en colors and chrysanthemums. Flashlight pictures were taken and dancing was the feature of the evening.

Marie Brethauer, the Woodruff chief operator, was quietly married Saturday evening, November 7th, at the Central Christian Church, to E. L. Bullock. Mrs. Bullock is at home to her friends in the Fort Wayne apartments. Mr. Bullock expects to remain in her position until spring.

Mrs. Minnie Leonard, former night chief operator of the Washington office, has returned to the city, and has taken up this position again. Frances Barnhart, whom she succeeded, will be transferred to the day force.

Mrs. Laura Harlan, assistant chief operator of the Washington office, has taken a three weeks' leave of absence on account of the illness of her mother. Jesse Wiggam filled her position during her absence.

Northern District

The South Bend employees have organized a band known as the "Bell Tenderfoot Band" and wish to announce they are open for "engagements."

South Bend employees gave an oyster supper at the Telephone Building on the evening of November 16th, at which time the question of contributing a small amount each month toward the support of some needy family was discussed. E. T. Bonds, manager, appointed a committee to look after this matter. A short program was given, when past present and future was told by "Seeress" Ritchie, the world renowned palmist, also a selection was given by the famous elocutionist, N. Stevens. Music was furnished throughout the evening by the Tenderfoot Band, properly costumed in band uniforms. One member, it has developed, has displayed such talent that a \$3,000 a week offer has recently been made to secure his services. Joe Hartzler, who is the leader, is considered the finest in his

enable all operators to be present. A lecture on the different features of operating was given by M. E. Shipe, local chief operator. Short talks were also given by Manager E. T. Bonds and D. H. Whitham of Indianapolis, who was present. After the meeting light refreshments were served and a short social session enjoyed.

On Thursday evening, October 22d, the South Bend operators met at the home of G. Truedell and H. Ritchie and the "Blue Bell Club" was organized. G. Truedell, toll operator, was elected president, and N. Stockwell, local clerk, treasurer. Music for the evening was furnished by M. E. Shipe, local chief operator. The club meets alternate Thursdays. The second meeting was held at the home of M. Boyle, local supervisor.

Floie Bennett, of Van Wert, Ohio, has accepted a position as local operator in the South Bend exchange. Miss Bennett was formerly an operator here, but resigned last July to spend the summer at Scott, Ohio.

Anna Gnot, local operator at South Bend, has been promoted to the position of night chief operator to succeed Ruth Kelley, who has returned to the day force.

Miss N. Bolan, toll chief operator at Elkhart, and Miss R. Dupont, local chief operator of the Home Telephone Company, Elkhart, Ind., were in South Bend Wednesday, October 28th, spending the day visiting the exchange here.

On Thursday, October 6th, a miscellaneous shower was given for Mrs. Florence Thomas, formerly Florence Doiph, who was married in August to Fred Thomas. The shower was given by F. Wentland, F. French and R. Leusch, local operators, at the home of the latter at 1033 Vassar avenue. Dainty refreshments were served, while music, singing and other amusements were enjoyed throughout the evening.

Charlotte McKeel, toll operator at South Bend, who has been in the Epworth Hospital, where she underwent an operation, will resume her duties Monday, November 9th.

A "semi-elopement" is the definition applied to the circumstances surrounding the marriage of Ralph Butler and Cora Kenestrick, chief operator at Auburn. The groom's parents knew where the young people were going when they left for Hillsdale Saturday afternoon, October 31st, but the bride's parents knew nothing about it. Their return as husband and wife was followed, however, by parental blessings from both sides, and

a wedding dinner served at the home of Mr. Butler's parents.

Manager Dalrymple, of Culver, spent two weeks during November hunting in Tennessee.

Miss Painter, bookkeeper at Culver, spent a week's vacation in Chicago and reports a fine time.

Mary Schies, chief operator at Anderson, left in October on a three months' leave of absence and is visiting relatives in San Bernardino, Calif. Roxie Lloyd has taken up the duties of chief operator for the interim.

The new switchboard which is to provide switching facilities for the combined exchanges at Peru is being installed and the Broad exchange will be abandoned soon.

Blanche Custer, night operator at Elwood, was obliged to undergo an operation for appendicitis on October 26th. She is convalescing.

Hazel Price, toll operator No. 1 at Alexandria, went to St. Joe, Mich., last June and while there became Mrs. Alva Carroll. The secret did not leak out until a few weeks ago when Mr. and Mrs. Carroll began to furnish their home.

Ella Reehling, toll operator No. 2 at Alexandria, has been promoted to toll operator No. 1, and Ruth Hartley has taken the position of toll operator No. 2.

The young lady employes including the traffic, commercial and plant departments of The United Telephone Company, Marion, Ind., enjoyed one of the prettiest of the many Hallowe'en parties of the season in their rest rooms, on the evening of October 30th. The rooms were pretty in their decorations of autumn leaves, pumpkins and fodder which were used in large quantities. The guests came en masque and much amusement was provoked by the different "make-ups." Prizes were given to the most comical subject which fell to Mary Boyle, and for the prettiest, captured by Cora Coffman. Hannah Doyle, as sooth-sayer, enjoyed a large popularity among her friends during the evening. A new piano has recently been placed in the retiring rooms and music was furnished by the girls. A lunch was served consisting of cider, sandwiches, pickles, doughnuts, pumpkin pie and apples. This was one of the most successful parties ever given and the girls are looking forward to many nice events during the winter.

Southern District

The new Vincennes directory, recently issued, carried \$712.50 worth of advertising. Manager D. Finical secured all the orders



COSTUMES AT HALLOWE'EN PARTY AT FRANKFORT, IND.



HALLOWE'EN PARTY AT MARION, IND.

personally and collected 100 per cent. on the bills.

Edna Reeves, operator at Bloomington, received \$32.50 from business men for her promptness in giving the alarm which resulted in the capture of a thief who had entered one of the stores. The thief knocked over a desk telephone. Miss Reeves, answering the signal, got no reply and decided something was wrong. She called the police and the man was caught just as he was leaving.

Emeline Taylor, who for many years was operator for the Central Union Telephone Company at Banta, Ind., died October 17. The Banta exchange had been sold last March to the Franklin Telephone Company. An obituary sketch read at Miss Taylor's funeral said: "For nine years she was the operator for the Central Union Telephone Company at Banta, which service she performed in such a capable and satisfactory way, both to employers and subscribers, that she won the esteem of all and made many true friends. She often expressed regret that her work kept her from attending the services at the church. But we believe this position gave her a chance for greater usefulness and a wider field was influenced by her life, for we have plenty of evidence that by her patience, courtesy and honesty in her work she did more good than she would otherwise."

Manager Paul S. Higman recently celebrated the tenth anniversary of his arrival in Bedford to take charge of the Central Union exchange. Commenting on the event one of the Bedford papers said: "During his administration the offices have been moved, enlarged and greatly improved and to-day probably ten times as much business is transacted over the local lines as when he came here. The long period of time covered in his managerial position is evidence that his efforts have met with both the approval of the company and the public, in the majority of instances at least. While no demonstration is being held in honor of the occasion all of the employes are rejoicing over the fact that he is still retained and trust that another ten years will have passed before the company sees fit to make a change in the local management or Paul himself sees fit to resign the position."

Stella Butcher delightfully entertained the Washington operators at her home with a Hallowe'en party. The house was tastefully adorned with Hallowe'en decorations. An oyster supper was served.

Cableman C. G. Thompson spent the first ten days of November in Washington repairing cables.

Jessie Short, local supervisor at Terre Haute, was quietly married October 28th to Fred Rausch. On October 16th the local operators gave her a linen shower. Her many friends join in wishing her every happiness for the future.

Edith Rolan, local operator at Terre Haute, celebrated her birthday anniversary November 2d, by entertaining the local operators. Music, dancing and games were the diversions of the evening. Miss Rolan received many beautiful presents. A hot luncheon was served and a most enjoyable time was spent by all present.

F. W. Rolan, chief inspector at Terre Haute, spent his vacation hunting in Sullivan County, Ind., with Mr. Hamlin and Mr. Daniels of Indianapolis and Andy Stevens of Terre Haute.

Pansy Miller, toll operator at Terre Haute, was married September 15th to William Roberts. On November 5th the toll operators surprised Mr. and Mrs. Roberts at their home and presented them with a beautiful cut glass bowl.

W. A. Shaw, wire chief at Terre Haute, spent the week of November 2d fishing in the Wabash.

Hallowe'en Party at Frankfort

The operators of the Frankfort exchange gave a Hallowe'en party on October 31st at the home of Evelyn Skeen, one of the employes. All kinds of "stunts," such as could only be thought of by a party of girls, were performed and as a result everyone had a splendid time. "Regular" clothes were tabooed at the party, most of the girls being dressed in negligee "a la kimona" style. The operators who attended were the Misses Vincell, Harris, Price, Burkhart and Neidlinger.

Miss Harris, appearing in a domestic scene entitled "Blue Monday," said that she would never quit the telephone business for this.

Cleveland Division.

W. F. Johnson, Correspondent.

Miss Kramer Resigns

Amelia M. Kramer, chief operator at Cleveland, resigned her position on October 31st after thirty-two years of faithful service for the Bell Telephone Company and was placed on the pension roll, effective November 1st.

Miss Kramer entered the employ of the Cleveland Telephone Company January 8, 1883, as a local operator and was one of the first operators at Cleveland assigned to long-distance traffic. She was the first chief operator of the long-distance force at Cleveland, and held this position continuously until the time of her resignation. In her untiring efforts to improve the service and welfare conditions of the operating force Miss Kramer



PROSPECT GIRLS AS
COUNTRY COUSINS.



ROSEDALE GIRLS IN
"THE MAGIC POT."



BROADWAY, EDDY AND GARFIELD GIRLS.

has shown unusual business ability and has performed invaluable service for the company during her period of employment. She has made a host of friends among telephone employes, both in and out of Cleveland, and also among subscribers.

A farewell party was tendered to Miss Kramer on October 16th, which was one of the most pleasant and enjoyable affairs ever given to anyone retiring from the telephone service. It resembled very much a happy convention of telephone pioneers, as it brought together many of the former telephone employes, some of whom were associated in the work with Miss Kramer in the early days of her employment.

Mrs. Ella Hankey Smith, the first woman operator and the first woman chief operator of the local company at Cleveland, was present and gave a very interesting talk about conditions in the early days. E. E. Ranney, former superintendent of the Cleveland Telephone Company, and ninety-two other former employes were in attendance. There were also many other Cleveland Telephone officials present, including P. Yensen, third vice-president, who was general manager of the company for a great many years, also Norman Anderson, superintendent of traffic, chief operators from the various local exchanges and other supervisory employes. Out of town guests were: W. H. Keller, district traffic chief of the Central Union Telephone Company at Akron; Miss Church, chief operator at Toledo; Miss Lyons, chief operator at Maumee; Miss Hall, chief operator at Cuyahoga Falls; Miss Brodt, former chief operator at Akron; Mrs. Dicus, formerly service observer at Cleveland from Hudson, Ohio; T. P. White, supervisor of traffic, Chicago, and R. I. Jackson, assistant traffic chief at Detroit. In addition to those already mentioned there were present, of course, practically all of the A. T. & T. employes at Cleveland who were not on duty.

An excellent entertainment was provided, one of the features being an impersonation of Alexander Graham Bell by R. E. Pate of the Cleveland Telephone Company. Mr. "Bell" related some of his experiences in connection with the invention of the telephone, and then indulged in some pleasantries at the expense of some of the old employes. After the entertainment speeches were made by Messrs. Yensen, Ranney, Anderson and others who were associated with Miss Kramer in the early days, and they related many pleasant and humorous incidents of those times.

Mr. Gebhard, after a brief review of Miss Kramer's record with the Bell Telephone Company, presented her with a purse of \$85 in gold as a gift from her many friends.

Miss Kramer leaves the service with the best wishes of everyone for a bright and prosperous future. There were, however, many touching incidents in saying goodbye on her last day of service, as she has surely

been a guide and friend to all the employes in the Cleveland office.

Mr. Smith's Luncheon

On Saturday noon, October 31st, General Manager Allard Smith held his bimonthly luncheon and conference with department heads. Those present were Messrs. Cagwin, Pate, Templeman, Reed, Anderson, Symes, Berlin, Weigel, McCarty and Domrosky.

Mr. Smith illustrated, by diagrams and figures, the relations between revenue and expenses of the company during the past year; also the influence that the particular performance of each department had upon the company's finances.

Following the luncheon and talk by the general manager, a general discussion took place, and a consideration of ways and means by each of the various departments in all branches of the work, to get the greatest result from each dollar expended. Some of the various improvements towards economy and efficiency which have already been put into successful operation, were reported upon, and showed very encouraging results.

The next meeting will be held on December 31st.

Traffic Hallow'en Party

"Ghosts and witches of solemn mein fly through the air on Hallow'en." This ghostly information inscribed on invitations sent out to the different offices brought the girls in large numbers to the Hallow'en party held at Main office, October 30th. The girls were not disappointed, for they not only found "ghosts and witches" but black cats and hobgoblins were to be seen sticking their heads out of and around corn stocks and leaves everywhere. The witches were so accommodating that they even told your fortune.

"The Magic Pot," a little sketch given by eight Rosedale girls was very cleverly staged. The pretty little lads and lassies

that Simple Simon was able to stir out of the pot, who could sing so sweetly, were a surprise to everyone present. They are especially to be congratulated upon their pretty costumes, which were made by themselves.

Miss Menalewa, Garfield office, dressed in Scotch costume, sang "Annie Laurie" and "Roaming in the Gloaming" in a manner that Harry Lauder could not possibly criticize.

"Our Prospect-ive Country Cousins"—twelve girls from Prospect office, six dressed as country girls and six as country boys—sang and danced to the delight of everyone present. It seemed too bad to think that such pretty little maids would have to grow up.

Eunice Kraner and Mildred Wetzel, from Eddy office, sang "Sympathy" in a very pleasing manner. They have good voices and sang well together. Miss Wetzel made a very attractive looking young man.

Dorris Mead, also of Eddy office, dressed as a little girl, declared "I want to be the janitor's child," that her milk was pasturized and her eggs scandalized. She also informed us that she expected to eat a germ when she reached the mature age of eighteen. The song is a catchy one and Miss Mead surely did it justice.

After the program a luncheon of doughnuts, cider and apples was served, and, of course, the rest of the evening was spent in dancing.

Broadway girls had prepared a play, but because of the length of the program it was decided to give it at the next party.

Operator Number Six-Five-Four

From time to time the Cleveland Telephone Company has received from its subscribers complimentary letters, eulogizing the service in general or commending the good work of the force at one particular office.

A rather unusual letter of this nature was received recently, praising the qualities of Operator 654. It was unusual because it was originated by seven newspaper men, and although the seven were divided between two rival evening papers they were united in their praise of Catherine Sweeney, Main office operator.

Through her operating ability and interest in her subscribers Miss Sweeney has changed one of the most unpleasant duties of these seven newspaper men to a work of pleasure.

Such letters are very gratifying to those responsible for the service, and should be a source of inspiration to all the employes and a source of satisfaction to the employe concerned. The letter follows, in part:

Mr. Allard Smith, General Manager, The Cleveland Telephone Company, Cleveland, Ohio.

Dear Sir—This letter is written to you by the newspaper reporters at "Police Headquarters." It's about one of your

operators. Her number is "654." We've tried to ascertain her name, but every time we ask she connects us with the supervisor.

Five times a day we have to call the rounds, which are sixty numbers, including all police stations and hospitals and the principal ambulance offices. To save time one reporter calls thirty numbers while another calls the other half. These rounds are the bane of a police reporter's existence. Whenever it is time to call them each one of us tries to find something else to do in another part of the station, but when operator 654 gets on the wire it's positively a pleasure to call them. The last couple of months we've been in the habit of asking the supervisor to put her on when it's "rounds time."

She has long since memorized the numbers and when we ask for the first number—"Ridge 916, Life Savers Station"—that's her signal and the race is on. Right down the list she goes to the thirtieth number without having to prompt her on a single call. This is probably one of the reasons she can "take us around" on an average of just one-third the length of time any other operator can. Frequently we time her. One day when police stations, etc., were answering promptly, she actually finished the calls in nine minutes.

Operator 654's extraordinary good service is not her only virtue. There is something in her voice that soothes the nerves, quiets excited tempers and makes a fellow feel generally better for just having heard it.

To sum up what we think of Miss 654—If all operators were like her—you could discontinue your complaint department tonight.

Personal and Social Notes

E. J. Hanrahan, former West Side manager, is spending the winter with relatives in Ft. Worth, Texas.

Fannie Nemecek, operator at Broadway office, surprised her friends by announcing her marriage to Emil Hrabak, which was solemnized on October 21st, at St. John's Church.

Magle Bailey, night operator at Broadway office, who spent the summer abroad, after many trying experiences in the war zone, arrived safe and sound on American soil on October 17th and reported for duty October 20th. She says she is glad to be home at last.

Mrs. Florence Stadler, formerly Florence Shovlin, whose marriage occurred early in June, resigned on October 27th.

A delightful autumn party was given by Helen Gilchrist of Edgewater office at her home on La Kota avenue, West Park, Ohio, Saturday evening, November 7th. About thirty girls from Edgewater office were present and enjoyed the good things planned by their hostess. The barn was decorated in real autumn style and here the girls danced and had a good time. As mere man was not invited, some of the girls tried to make up the deficiency by donning their brother's clothes. It is unnecessary to say that they were the most popular girls there. Later, Miss Gilchrist's mother served a real country dinner with everything homemade, even to the grape juice. It was much appreciated by the girls.

Wisconsin Division

**T. N. Moore, Correspondent,
Milwaukee**

Appleton District

Nina O'Connell, assistant chief operator at Appleton, was pleasantly surprised at her home the evening of October 14th by about thirty-five operators. Games and music were enjoyed.

Videt Fontaine, local operator, and Marian Black, toll operator at the Green Bay exchange, have resigned their positions. Miss Fontaine became the bride of Anton Zulchofer on October 20th and Miss Black was married to Clifford Bassett October 28th. Both couples will make their homes in Green Bay.

The Green Bay local and toll operators were guests of C. Timm at the Orpheum theater on October 23rd.

Hazel LeGlise, bookkeeper at Green Bay, has returned from an extended visit with her



EDGEWATER GIRLS OUT FOR A DRIVE.

aunt, Mrs. Fred Thomas, at Washington, D. C.

Eau Claire District

H. Kent, cableman at Superior, who has been ill for some time, is recovering and expected to return to work about November 15th.

Mae Eudge, local operator at the Superior office, who has been ill, has again returned to her duties.

Semi-monthly meetings are again being held in both the plant and traffic departments at Superior.

O. C. Olund, formerly with the Northwestern Telephone Exchange Company, has accepted a position at the Superior exchange as switchboard man.

O. D. Knight has resigned his position as assistant wire chief at the Superior office and is succeeded by E. P. Miller.

George Stangi, wire chief at Superior, has just returned from a two weeks vacation. An attended pay station has recently been installed at the Hotel Superior, and is in charge of Betty Ward, formerly a local operator at the Superior exchange.

The installation of an attendant's desk equipped with three lines and one order wire and additional booth has been completed at the Bellis hotel, Wausau.

J. G. Ranous, district repairman at Rhineland, spent his vacation hunting deer.

Louise Braun, toll operator at Merrill, spent a week in Milwaukee recently.

Warren Tweedie of Eau Claire has been transferred to Ashland as wire chief. Manford Adams, formerly with District Foreman Zarbock's crew, has been employed as lineman at the Eau Claire exchange and H. Rambow has been transferred to lineman at Superior.

A new manhole and the necessary underground conduit for the Truax building and Eau Claire National bank have been completed during the past month at Eau Claire. Emma Peterson has resumed her duties as chief clerk at Menomonie after spending a two weeks' vacation at Eau Claire.

Alma Retelstorf, local operator at Menomonie, spent a two weeks' vacation at Minneapolis, Minn.

Clara Condo, local operator at Menomonie, resigned on October 1st to enter the St. Rosa convent at La Crosse. Miss Condo was given a farewell party on the evening of September 28th at the office of the employes of the exchange and was presented with a silver thimble as a remembrance.

A. R. Deckhoff is doing cable repair work at Menomonie.

Announcement has been received of the marriage of Eugene Schultheis, manager of the Washburn exchange, to Loretta Posey of that city on Saturday, October 3rd.

The central office of the Chippewa Valley Telephone Company at Bruce, Wis., is being remodeled and refinished.

The central office of the Chippewa Valley Telephone Company at Prentice is now located in new quarters and the installation of new equipment has just been completed. Gertrude Rogness, night operator at Lady-smith, recently resigned to be married.

The Thorp Telephone Company has just completed the work of putting in underground to replace heavy aerial leads at Thorp.

Jennie Rand has resigned her position as operator at Chippewa Falls to be married to William Kern, construction crew foreman. Eva Adams entertained the Chippewa Falls operators at her home in honor of Miss Rand. They presented Miss Rand with a fine linen table set.

A. L. Wilmot, manager of the Bayfield exchange, spent a ten days' vacation visiting at Phillips and Ladysmith, Wis.

The local telephone operators tendered Miss Bertha Jones (an ex-operator of the Bayfield exchange) a miscellaneous harvest shower on October 15th at her home, which was very prettily decorated with corn stalks and autumn leaves. The gifts were tendered Miss Jones in a basket of hay. A very delightful luncheon was served. Among those present was Martha Pottage of the Washburn exchange.

B. Hallif, repairman at the Superior exchange, has resigned his position and is succeeded by George E. Viom.

W. F. Hallfrisch, manager at Superior, accompanied a party of 110 business men who left Superior for a two days' "Boasters" trip in the northern part of Wisconsin. The boosters traveled in a special train and feel sure that the results will more than justify the time and effort spent in planning and making the trip.

Cupid has visited the Superior exchange and has announced that he will reduce its number of good operators. A beautiful, large diamond glitters on the left hand of Betty Ward.

J. E. Kremz and M. M. Calhoun of the Superior office recently spent a couple of days hunting deer.

Paul Halbe, lineman at the Ashland exchange, spent his vacation hunting near Saxton and while there killed a big fine "buck."

Warren Tweedie, wire chief at Ashland, has succeeded Percy Bishop, resigned.

W. W. Pitman, manager at Hudson, spent a week's vacation hunting in northern Wisconsin.

William Ewing, who for the past several months filled a position in the plant departments at La Crosse, resigned to take up similar work with the Chicago Telephone Company.

Janesville District

Mayme Nelson, toll operator at the Darlington exchange, spent two weeks' vacation at Chicago and Racine.

Augusta Bakke, toll operator at Beloit, spent her vacation at Muskegon, Mich.

Blanche Murray, chief operator at the Beloit exchange, spent her vacation at Chicago and Milwaukee.

Joseph Murray, assistant wire chief at Beloit, spent an enjoyable vacation at Milwaukee.

Essie McKenna, chief clerk at the Beloit exchange, spent her vacation at Milwaukee.

W. N. Cash, district manager at Janesville, left for the north woods with a party of deer hunters November 15th. Mr. Cash's friends are all very fond of venison and wish him success.

On October 26th the Janesville operators had their annual dancing party at Assembly hall.

E. Huggins, wire chief at the Janesville exchange, spent his vacation in the western part of the state rabbit hunting.

Mary Holden, assistant chief operator at the Janesville exchange, who has been absent for the past two months due to sickness, has again resumed her regular duties.

Grace Travis, chief operator at the Janesville exchange, spent her vacation motoring through southern Illinois.

I. J. Waggoner, collector at the Janesville office, spent an enjoyable vacation at Milwaukee.

C. A. LaVassar, manager of the Argyle Telephone Company at Argyle, visited the Janesville exchange recently.

Work on the rural lines at Janesville is almost completed, being taken care of by the local exchange force.

A. Olson, installer at the Janesville exchange, leaves shortly for the northern woods to spend his vacation deer hunting. If Mr. Cash does not succeed in shooting his deer, it is hoped that Mr. Olson will bring home some venison.

The work of installing one two-position observing desk at Janesville was completed on November 26th.

Work is in progress fixing up the back

yard at the Janesville exchange to be used by the operators during relief periods.

Ethel Cushman resigned her position as night operator at Evansville to be married. She is succeeded in her duties by Mrs. Milligan, local operator, who in turn is replaced by Nina Park.

A miscellaneous shower was given on November 5th at the home of Avis Hurd, local operator at Evansville, for Ethel Cushman. Everyone reports an enjoyable time.

Madison District

Marion Hall, daughter of Mr. and Mrs. J. W. Hall, and Olaf Johnson, manager of the Wisconsin Telephone Company's exchange at Whitewater, were married October 3rd at the bride's home. The ceremony occurred in the presence of the immediate families and was performed by the Rev. E. C. Barnard. While the event was expected by their friends none knew the exact time and the announcement that the marriage had taken place was a complete surprise to their most intimate acquaintances who, while, unwitting have nevertheless been happy to extend their congratulations and best wishes.

On Friday evening, October 30th, the telephone force at the Beaver Dam exchange celebrated Halloween at a "wiener and marsh-mellow roast."

Floyd Crosby, formerly wire chief at the Beaver Dam exchange, has resigned, to take a position with the Bartola Manufacturing Company at Oshkosh.

L. W. Higgins was appointed wire chief at Beaver Dam on October 1st. Jule Manthey succeeds Mr. Higgins as lineman.

Miss De Muth, toll supervisor at Milwaukee, spent a week at the home of H. G. Miller, manager at Jefferson.

Matilda Beaver, night operator at Jefferson, visited with friends at Janesville recently.

Etta Gross, local operator at the Jefferson exchange, visited friends at Fond du Lac recently.

Anne Puerner has been appointed day operator at Jefferson to succeed Olive Ladien, resigned.

Olive Dutcher, clerk at Whitewater, spent her vacation at Chicago and Springfield, Ill. Genevieve Peacock, local operator at Whitewater, spent her vacation at Oconomowoc with relatives.

The Whitewater telephone employees enjoyed a very pleasant evening October 3rd at an autumn party given in the rest room of the office, where a four-course supper was served. The room was very prettily decorated in orange and black, and a Victrola furnished music for the evening.

Carrie Fellows, chief operator, and Leona Funk, relief operator at Whitewater, represented their exchange at the autumn party given by the Bell telephone girls at the Assembly hall at Janesville, October 25, 1914.

M. E. Jones, manager at the Columbus exchange, made a flying trip from Columbus to Madison in his new 1915 Buick roadster on October 31st to attend the big Chicago-Wisconsin football game.

Alma Schmitt, chief operator's clerk at Madison, was very pleasantly surprised on a recent evening by a number of friends, the occasion being her birthday. The evening was spent card playing and listening to musical selections rendered by the young ladies present.

Lillian Coster, assistant toll clerk at the Madison exchange, returned after spending a two weeks' vacation with relatives at Clintonville.

Frieda Sauthoff, traffic stenographer at the



C. E. WILDE.

Friday, the thirteenth of November, was not an unlucky day for Charles E. Wilde, district manager for the Michigan State Telephone Company at Grand Rapids, Mich. On that day Mr. Wilde celebrated the thirtieth anniversary of his connection with the telephone service, a big bunch of chrysanthemums presented by his office associates being the visible token.

Mr. Wilde began his telephone career as a boy operator at Petosky and continued there five years, winning promotion to the management. Then he was manager at Battle Creek and later at Alpena, Muskegon and Kalamazoo and Marquette. Ten years ago he was transferred to Grand Rapids as local manager and later was made district manager. There are only two men in the state with longer continuous connection with the company than Mr. Wilde.

Madison exchange, has just recovered from a few days' illness.

Hazel Powers, supervisor at Janesville, came to Madison to attend the Chicago-Wisconsin game with Miss Elliot.

Florence Hanson, local operator at Madison, was recently tendered a surprise party by a large number of her operator friends.

Miss Wilke and Miss Wirth, toll operators at Madison, spent the week end in Milwaukee, Wis.

Vera Coburn, local operator at Madison, has been promoted to supervisor.

Lulu Billing, local operator at the Madison exchange, recently resigned to be married to Theo. A. Waterman.

Agnes Elliot, assistant toll chief operator at the Madison exchange, spent the week end at Janesville recently.

Visiting days were held at the Fort Atkinson exchange October 9th and 10th, and during these two days 173 people visited the central office.

Milwaukee District

Emma Yakes, local operator at Lake Geneva, has returned from a two weeks' vacation.

Mabel Kinney, toll operator at Lake Geneva, spent her vacation in Milwaukee.

Lake Geneva subscribers have recently shown their appreciation of good service in a most practical manner. Mrs. J. H. Moore presented each operator with \$5 in gold, and Mrs. Mary Wilmarth presented each operator with \$1. Two beautiful

chrysanthemum plants for the operating room were given by Axil Johnson.

The installation of a new storage battery and two sections of switchboard was recently completed at the Lake Geneva office.

The Lake Geneva local plant department has just finished replacing 1,000 cable hangers with standard metal rings.

Michigan Division

Victor H. Look, Mrs. Nellie Flintham
Correspondents, Detroit

P. B. X. Development in Detroit

Among the new private branch exchanges and additional equipment installed or ordered during October in Detroit were the following:

| | Trunks. | minals. | Ter. |
|--|---------|---------|------|
| Speedway Country Club, new.... | 2 | 7 | |
| Henry Ford Hospital, new..... | 2 | 19 | |
| W. E. Brady Company (gas fixtures), new..... | 2 | 6 | |
| Hannan & McCulley (apt. hotel), new | 4 | 71 | |
| Benner Cigar Mfg. Company (cigars), new..... | 2 | 7 | |
| McLean & Brooks (physicians), new..... | 3 | 6 | |
| J. Leonard Company (coal & coke), new..... | 2 | 6 | |
| J. W. Ladd & Company (creamery supplies), new..... | 2 | 11 | |
| Cunningham Drug Store, new.... | 4 | 9 | |
| The Burkhardt Company, (book binders), new..... | 2 | 6 | |
| T. F. Brady (physician), new.... | 2 | 8 | |
| Carola Apartments, new..... | 2 | 7 | |
| Taylor Delbridge & Behr (agents), new..... | 2 | 6 | |

Of the total of thirteen new private branch exchange contracts obtained during October, twelve were secured by Floyd H. Lockwood and one by F. M. Riegel. These new contracts supplied a total of 169 private branch exchange stations for Detroit during October.

Telephone Society Dance

On Thursday evening, November 12th, the Telephone Society of Michigan held its annual informal dancing party at Clark's academy. This was the fifth annual dance given by this society and the arrangements committee in charge prepared a very attractive and novel program, providing for sixteen numbers and including events never before shown in Detroit. Rath's orchestra of seven pieces furnished the music. Those not caring to dance were entertained by exhibition dancing, movies and singing. Although the weather was somewhat drizzly, a considerable crowd gathered, numbering approximately 200 people. It was arranged with the Pathé Company to exhibit during the evening at different intervals the following reels of moving pictures: "The Spinners of Speech," "The Telephone Way" and "The Telephone Girl" and the interest in these pictures displayed was certainly gratifying.

Irene Bagley and Walter Canto, two well-known dancers, demonstrated several of the latest dances and after the first reel of moving pictures was shown they gave an exhibition of the picturesque "Maxixe." Following a vigorous applause they danced the "Fox Trot." Dorothy Harrison sang several solos and the dancers listened attentively, especially to the melodious strain of "Ting-a-Ling." We regret that Leora Stevens, who was on the program as a singer, was unable to be present on account of illness. After the singing, with a one-step in between, the flashlight on this page was taken. It will be noticed that the crowd seems to be enjoying the novelty of having a picture taken, although, perhaps, it was irksome for a few to remain in the same position until the bomb exploded. The picture shows a good sized crowd, but about twenty-five per cent. more, who remained in their seats in the balcony, could have been included which would have made a still better showing. The three sheets shown suspended on the wall were used for the moving picture machine, and although they do not add an artistic touch to the photograph, it was necessary that they remain hanging for the pictures to follow.

It was amazing to note how gracefully Mr. von Schlegell frisked about with the ladies and danced what we think was the "von Schlegell" trot. Even Mr. Ewald swung his partner around as though he had taken dancing lessons for the past twenty years.

Safety First

Electricians' GLOVES

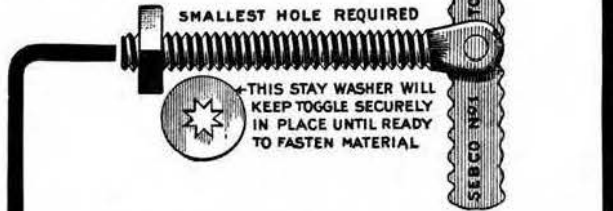
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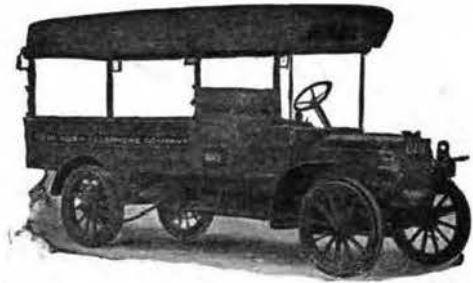
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He had, however, nothing on Mr. Spencer, who glided around like Vernon Castle, and he can easily be termed "Castle the Second." The one-step and other new dances were danced throughout the evening.

Mr. Ewald, president of the society, had the well known cartoonist Allan draw cartoons of a number of the employes which were lastly shown on slides through the picture machine. The cartoons are indeed very humorous and original and it is expected to reproduce them in the News.

The arrangement committee consisted of M. C. Glass, W. F. Smith and L. M. Chicoine; floor, Chester D. Earle, Russell Casey, Orville Barber and Thomas Finneran; reception, F. J. Stevens, W. A. James, Bert Daniels, Fred Ehrnsberger, G. A. Fritz, Kenneth Guy, Don K. Esler, A. L. Tyler, H. V. Weed, M. J. Hager, H. C. Johnston and E. N. Hardy.

The dance was a success socially and financially.

Telephone Society Meeting

A meeting of the Telephone Society of Michigan was held on the evening of November 4th in the Society room, President Martin Ewald presiding. In conjunction with this meeting an entertainment and smoker featured the evening, which marked the resumption of the society's regular meetings which were suspended during the summer months.

Several high officials of the company were present, General Manager von Schlegell, Plant Superintendent Sharpe and Traffic Superintendent Spencer speaking on different subjects, after a fine lunch had been served. The topic of Mr. von Schlegell's "after-dinner talk," as he termed it, was "Measured Service Rates," which the Michigan State Telephone Company petitioned the Michigan Railroad Commission for permission to install and which petition was dismissed some time during last May until the

company completes the appraisal of its property. After comprehensively and completely covering the subject, Mr. von Schlegell offered to answer any questions any one desired to ask, and suggested that the employes dealing with the public be well informed about the measured service plan.

Mr. Sharpe next delivered a thorough and very interesting speech about "Safety First," a country-wide slogan for safeguarding one's self from bodily harm and a subject which may be particularly applicable to telephone employes, such as linemen, cablemen, etc.

The subject Mr. Spencer particularly dwelt upon was the welfare of the Telephone Society, financially as well as otherwise. For example, Mr. Spencer suggested that if the society followed out the plan of paying a bonus of one ticket for every five tickets sold for its entertainments, dances, etc., the attendance at the society's parties, etc., would unquestionably boom, and more interest would be displayed by the members in the



ANNUAL DANCE OF TELEPHONE SOCIETY OF MICHIGAN, DETROIT.

sale of tickets. This plan, stated Mr. Spencer, marked the success of the past dances given by the operating department.

Commercial Manager Slack also delivered a short but emphatic talk of a general nature, outlining helpful hints and suggestions for such employes as come in contact with subscribers.

The music furnished by Rath, consisting of flute, violin and piano, added to the enjoyment of all present, and we dare not omit the fact fine cigars were also provided by the entertainment committee, of which Mr. Glass was chairman.

President Ewald announced that the next meeting, date undecided at present time of writing, would be held some time during December and requested that the attendance be as large as possible.

New Facilities at Battle Creek

A. Francis has completed the installation of the new copper circuit between Detroit and Battle Creek. This will relieve the traffic congestion at Battle Creek. The work cost \$20,252.

Construction work is progressing at Battle Creek so that unlimited facilities in the so-called Post addition are now available. This is the section located on East Main street, east from the office. It is a first-class residential district, and is occupied generally by Postum Cereal and Kellogg Company employes. R. C. Hunter, chief clerk at Battle Creek, secured fifteen orders for service in three afternoons in this section of the town. In the northwest section of Battle Creek the estimate provides additional facilities which are gradually being constructed. This is the district surrounding the Battle Creek sanitarium. A portion of the northeast section of town in the region of South Maple avenue is also booked for additional facilities, and work is rapidly nearing completion. G. W. Johnson, manager at Battle Creek, is overjoyed at the rapid rate at which the work is going forward, as it will, of course, mean lower maintenance cost and better service. Mr. Johnson is making the most of his opportunity by completing all installations as promptly as possible, so that the full value of the improvements will be realized.

Resignation of C. C. Ingersoll

C. C. Ingersoll, formerly foreman, who has been in the employ of the Michigan State Telephone Company for the past fifteen years, resigned to take charge of a construction and maintenance crew in Toledo.

On the evening of October 10th his associates of the Michigan State Telephone Company gathered at his home on Hobart avenue, where an evening of thorough enjoyment was spent. Several vocal selections were rendered by the succeeding foreman, Lyman Green, in such a manner, state several of those who were present, that even a critic would be pleased. Mr. Ingersoll was presented with a gold chain and charm by his former employes, a gift which will always remind him of his old friends.

The crowd left at an early hour the following morning after congratulating Mr. Ingersoll upon his past successful record with the Michigan State, during which time he completed some of the largest pieces of construction work ever done by the company.

Martin Ewald's Twenty-Year Record

Martin Ewald, assistant plant chief of the Detroit district, has completed a round of twenty years with the organization—nineteen years as a telephone man and an introductory year as a messenger. He started with the American District Telegraph Company in June, 1894, as a messenger boy, and, owing to the close relations between that company and the Michigan Telephone Company, naturally became interested in the



MARTIN EWALD.

telephone business, so he got a job as office and stock boy in May, 1895, working for C. E. Gardner. The telephone office was then located in the Newberry building at Larned and Griswold streets, and there were about 2,800 telephones in Detroit. The plant force was made up of two installers and seven repairmen. Mr. Ewald was made an installer in 1896, and was one of the men who put up the first private branch exchange switchboard in Detroit, which was ordered by the Edison Illuminating Company. Then for a while he worked in the rural districts around the city on farm lines. After the cutover in the Detroit offices from the magneto to the common-battery system in 1900 and 1901 he went out into the state and helped to make a similar cutover at Lansing in 1903. Grand Rapids and Port Huron had been changed to common battery as early as 1899. Returning to Detroit as installer, he remained until 1905, when he was placed in the private branch exchange department, and in 1909 became the foreman of it. From 1911 to 1913 he was chief installer, and in 1913 was made assistant plant chief, the position he now holds.

Martin Ewald is the president this year of the Telephone Society of Michigan, in the

affairs of which he has taken a lively personal interest since the society was founded. He is also the expert and final authority on all matters pertaining to sports, invariably being the "big splash" during the athletic events at Bob-Lo island at the annual society outings. He was manager of the baseball team fathered by the telephone company in 1912 and 1913, and is this year the secretary of the four teams made up from ball players in the company—mostly plant men, by the way. Mr. Ewald can also sail a boat—if the weather isn't too rough—and can start a game of checkers and go on with it for a while, although he frankly prefers pitching. In short, Mart Ewald considers baseball a most interesting diversion and says that he notices Detroit people reading about it in the papers a whole lot.

During the first outing of the Telephone Society in 1911 one of the events was a greased-pig catching contest. Mr. Ewald won this event; but as for any real "sport" in the thing, not so. Most pigs in these circumstances run squeaking away in forty different directions at once; but this victim, it is said, peered about in the crowd until it espied Mr. Ewald, and ran toward him with merry laughter. 'Twas afterward whispered hoarsely that Mart had slipped around to the butcher's each evening and trained the pig to do this. All we have to say is that if the pig lent itself to this alleged conspiracy it got only the double-cross as a return, for it officiated as roast pork on the Ewald family table the following Sunday.

New Line in Iron Country

On the morning of October 24th, Frank Russell, editor of the *Mining Journal*, talked with Tom Hanna, editor of the *Iron Mountain Press*, over the new toll line between Iron Mountain and Marquette. This was the first conversation over this new line, which has been constructed on account of the great need for more direct facilities between the iron countries of the Menominee, Marquette and Gogebic ranges. Formerly Marquette and Gogebic, Marquette and Ironwood and intervening towns went through Powers via Escanaba, via Iron Mountain and Crystal Falls, to get into Iron River. The Iron River district is one of the most important iron districts on the Menominee range at the present time, that is, in the number of mines opened and new ore bodies found. The new circuit will also facilitate traffic between Marquette and Iron Mountain, Ishpeming, Houghton, Ironwood, Iron Mountain and Crystal Falls. Toll stations will be opened at Whitbeck, Witch Lake, Sagola and Channing.

The line has not been built without considerable sacrifice on the part of the men working upon it. The following anecdote is being vouched for as absolutely true:

The foreman, Mr. Meeker, purchased a new suit of clothes and hung it out over night, apparently to take the wrinkles out, but next morning there were no clothes; porcupines had eaten every stitch of them. The men on this job have camped in wagons and tents arranged for them, and on account of the destructive porcupines, bad weather coming on, etc., undoubtedly are very glad they have finished.

Thanksgiving at Grand Rapids

Out of a room in the Bell Telephone exchange at 1 o'clock to-day marched sixty bushel baskets. And by sunset sixty grateful families in Grand Rapids will have re-

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Rubber Insulated Telephone Wires

We make all kinds of Telephone Cords—Silk, Cotton, Belden-arnel, Silkenamel and Cotenamel Magnet and Resistance Wires—Coil Windings—Cord Tips and Terminals.

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The "Dreadnaught"
Brazed Steel
Gasoline Blow Torch

Made to deliver the Hottest Fire and to withstand the Hardest Knocks and has made good and stood the service test of the Telephone Companies.

No soft Solder to melt or crack.
Large Pump, quick starting Burner.
Convenient Filler service.

Let us quote you.

The P. Wall Mfg. Supply Co.
PITTSBURGH, PENNA.

ceived provisions enough for a huge Thanksgiving dinner, and a surplus store of food for days to come.

The operators' Thanksgiving Club, which has been operating a cafeteria since November 1st to raise money for this generous occasion, got together yesterday and purchased sixty baskets and filled them with—listen—potatoes, squash, chickens, sugar, bread, butter, canned fruit, pies and a varied assortment of vegetables—everything, in fact, that makes a Thanksgiving dinner complete, clear down to cranberries.

This room four motor cars, loaned by Dudley Waters, Mrs. M. I. Goodspeed, William Judson and C. E. Wilde, drew up on the Fountain street curb and the process of loading began. The committee, composed of Rika Meyers, Clara Howe, Bertha Hall, Verna Blaine, Vera Waldelich and Frances Strickland, took charge of the distribution, and rode about the city.

Some of the families, they said, had ten, eleven and twelve hungry mouths to feed, and every one of them was a large family. They were carefully looked up by the kindly committee and they were grateful enough.—Grand Rapids News, November 25th.

Detroit District

J. Rodney Weeks, connected with Mr. Slack's office, recently purchased a little Hupmobile and christened it "The Wreck." So far, this forehanded cognomen has not justified itself as Rodney is scooting up and down the hills without serious accident.

Karolyn Miller, of Ridge office, surprised her many friends by taking a few days' leave of absence and quietly slipping away to her home town, Monroe, Mich. A plain band of gold now adorns the proper finger and her name has been changed to Mrs. George Hoamer.

Gladys Goebel, Ridge, resigned and was married to Frank Campbell on November 4th. The wedding took place at the bride's home on Field avenue.

Hattie Newman, Grand office, was married to Emil Newman, October 7th at 7 p. m., at the German Lutheran church. After the wedding a reception was held at the bride's home.

Tessa McKenna, Walnut, resigned November 19th and was married to Gordon Forrest November 25th at St. Leo's church. Miss McKenna has been in the employ of the company seven years.

Clara Lidtke, day B supervisor at the Cadillac office, resigned November 1st to become the bride of Oscar Winterstein. The marriage took place Thanksgiving day. Miss Lidtke has been a popular employe of the company for several years. The girls presented Miss Lidtke with a cut-glass water set.

Blanche Long, senior operator at the Cadillac office, has been promoted to evening A supervisor.

Florence Churchill, operator at the Cadillac office, has been promoted to day A supervisor.

Clara Moegel, Grand, gave a shower at her home in honor of Hattie Newman, who resigned to become a bride. A number of pretty presents were showered upon Miss Newman.

On Wednesday evening, October 28th, about forty day and thirty relief operators met in the cafe of the Hemlock office to form a club which will be known as "The Hemalowa Club." The club will meet every Wednesday afternoon and evening so as to include day and relief operators. One night a month will be set aside for dancing, playing cards and the like. Light refreshments will be

served. Officers elected were: President, Miss Durkin; vice-president and secretary, Miss Sorensen; treasurer, Miss Teahan.

Misses Harriet Condie, Kathleen Pascoe, Alice Donovan, Ethel Jeffries and Martha Fabert slipped quietly to the home of Mrs. Roy Schaefer on Jefferson avenue one Saturday evening last month. A beautiful French mirror was presented to Mrs. Schaefer by the girls. Mrs. Schaefer will be remembered as Eleanor Chambers.

Margaret Decker, supervisor at the east first A section, and her girls were the winners of the prize for September and October, obtaining the highest number of points.

The first two day sections and the first evening section of the east B came out even for September and October. This contest will have to run until one loses in order to determine the winner of the prize.

The girls of the sixth A section, Main, accompanied by their supervisor, Marion Stadelman, enjoyed "Ben Hur" at the Detroit opera house. They were the winning division for October.

A theater party is being planned by the supervisors and operators of the fourth B section, Main, who won the prize for October.

Charlotte Brow and her operators, second day A division, Cedar, were the winners of the contest for October.

The third day A section, Hemlock, won the contest for October.

The first evening B section, Hemlock, were the prize winners for the month of October.

Anna Unsworth, fourth evening A supervisor, and her operators saw Billie Burke at the Detroit opera house.

The fifth A section, Cherry A, were the winners of the contest for October and Miss M. Wilson, supervisor, and her girls went to see "Ben Hur."

The prize winning section at the West office for October was Mildred McConnell's morning section. The girls have decided to go to Mt. Clemens, where they will have dinner.

The eighth A division, North, were the winners of the contest for the month of October, and accompanied by the supervisor, Carmen Spencer, they enjoyed "The Belle of Bond Street" at the Garrick theater.

Miss Farewell, first evening B supervisor, Walnut, and her operators were the winners of the October contest.

Miss Warner of the second day A, Walnut, and her operators won the October contest.

Eastern District

J. M. Young succeeds T. C. Cornell as manager at Plymouth.

Myrtle Hooker, an operator at Milan, died October 19th. She had been in the service about one year and had a large circle of friends.

W. L. Grindell, repairman, has been transferred to Redford as manager. Robert Schreyer succeeds Mr. Grindell at Ypsilanti.

A. G. Weidman, representative of the Ford Auto Company, presented the operators with a large box of candy, "Ford Day," in appreciation of the service furnished him.

Grand Rapids District

During a recent canvass for new business at Wayland, Commercial Agent J. C. Fitzpatrick of Grand Rapids secured eight new subscribers. Some of the people who signed for service had been without the Bell telephone since the rate adjustment at that exchange, three years ago.

Mrs. James Quinn entertained the girls of the commercial department of Grand Rap-

ids at her home Thursday evening, November 12th. Games were a feature of the evening, first prizes being awarded Julia Huyge and LaVanche Moore. Mrs. Quinn was formerly Margaret Curry and was lease record clerk for six years prior to her marriage. Mrs. Earl Eibert, formerly Marguerite Tognetti, clerk in the Grand Rapids office, was also present.

Telephones are being installed temporarily in the new building of the John D. Raab Chair Company, Grand Rapids. When the building is completed these telephones will be terminals in the private branch exchange, which is to be installed for them.

On or about December 1st the Peninsular Club will move into its new home, at which time a cordless private branch exchange will be installed.

Lillian Gilileo, senior toll operator at Grand Rapids, resigned October 1st to take up her studies at Ypsilanti.

About twenty of the toll operators have organized a class for practical sewing, meeting once a week at the Y. W. C. A.; hours 7 to 9 p. m. All are interested and enthusiastic and expect to accomplish much before the course is completed.

The Grand Rapids directory went to press November 10th. It is expected that the book will be ready for delivery on or about December 20th.

Employes of the commercial and traffic departments gave out the election returns to Grand Rapids subscribers and various toll points on election night, November 3rd. An impromptu lunch was served by the traffic department at 11 p. m.

On November 6th a conference of the plant and wire chiefs, Grand Rapids district, was held. Various plant routines regarding work orders, etc., were discussed.

Josephine Emmer, cashier at Grand Rapids, spent the week of October 11th at Neahatwanta, (near Traverse City) as the guest of Mrs. James E. Furman.

A private branch exchange has been installed for the Grand Rapids Bedding Company.

Jackson District

At the present time Hillsdale is being "all fussed up." Repairs are being made to the central office quarters. The operators' rest room and the hall leading to it are being redecorated. The heating apparatus and the plumbing are being overhauled and rearranged, putting this exchange in first-class condition.

W. L. Stevens, manager at Jackson, has instituted a farm line patrol, and A. R. and Bill Bland are taking care of it. Already several of the lines have been placed in first-class condition. All repairs have been made so that the farm lines will stand the onslaught of the cold and wintry blasts which necessarily must soon put in their appearance.

Much less trouble than usual has been experienced this year in obtaining tree trimming privileges from the farmers along the lines, largely due to the fact that the farmers own and operate a great many lines and appreciate good transmission.

Plant Superintendent Sharpe made a special tour of inspection with District Manager Leet over the Jackson-Horton-Hanover lead, and also over the lead between North Adams, Moscow and Hillsdale. These lines are among the oldest in the state, having been erected about thirty years ago. Originally the circuits were grounded, but later were changed over to metallic by stringing copper wire of approximately the same conductivity as the iron wire. It is generally reported around the Jackson exchange that K. S. Baker, dis-

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No. 83. \$7.00 Each Net
DRAWN STEEL TANK

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HOT BLAST

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Kerosene Furnace

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GENERATES WITH KEROSENE

Turner Automatic Spring Valve Brass Pump

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The safest, strongest and most economical Furnace made.

Produces more heat, with less fuel, at a lower price, than is possible with any Furnace burning gasoline.

The flame is split by the burner coil and spreads around bottom of melting pot, heating it evenly.

A trial of this Furnace will quickly convince any user of the advantages and economy of kerosene as a fuel.

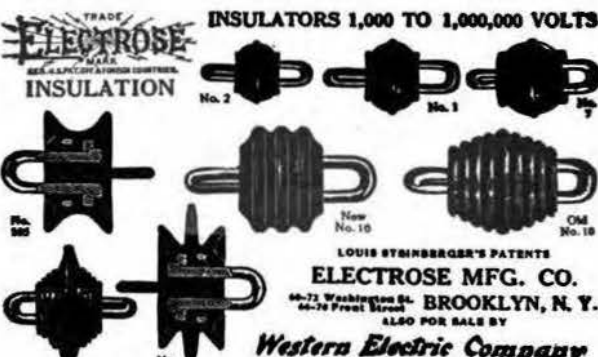
Construction. Heavy seamless drawn steel tank, extra heavy uprights and bottom, connections double reinforced, extra steel band warped around bottom and autogenously welded.

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INSULATORS 1,000 TO 1,000,000 VOLTS

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It was designed by one of the best testing engineers in the country, a man who has been years at the game and who knows it from A to Z—a "Bell Telephone" engineer, by the way.

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trict manager at Marquette, dulled his spurs on some of the poles on this lead. As young as Mr. Baker was when he "shouted" trouble on this line, he showed the efficiency which has made him famous.

F. M. Riegall arrived in Jackson on November 7th to make a canvass of certain parts of the town where there are vacant facilities. The line crew under direction of David Foley, city foreman, erected a screen for use of the Jackson *Patriot* on which bulletins of the recent election were shown. The *Patriot* showed appreciation by flashing the following bulletins: "The latest bulletins will be shown on this screen as soon as received in this office. Screen erected by courtesy of the Bell Telephone Company." "Are you a reader of the *Patriot*? If not, call us by Bell telephone."

The former chief operator at Albion, Mona Edwards, was married to Leyo Rutz on October 28th. Mr. Rutz is a young farmer living north of Albion. Miss Edwards had been in the employ of the company since July 1, 1918. Mattie Wiseloge, formerly assistant chief operator, has been promoted to the position of chief operator temporarily, succeeding Miss Edwards.

On the strength of the following monograph, W. H. Sullivan, manager at Albion, has been unanimously elected the editor of the Jackson district joke notes in the *BELL TELEPHONE NEWS*. Previously he was very reticent about climbing into print, but since he started he has become a regular contributor. The following was offered by Mr. Sullivan: "All sorts of things have been found that cause line and instrument trouble, but we have a new one. On November 2nd four farm lines were reported out of order, and on test showed crossed and short. A repairman was sent. About four miles from town, near the bottom of a long hill, lying across the wires of a twenty-five foot pole lead, was a bicycle that had been placed there during the night. We have figured out that its presence there was due to its rider taking fright as he passed a cemetery near the top of the hill. He got such a start that when he hit the bottom of the pole he lost control of the bicycle, rode up the pole and instead of riding back down on the other side fell off and had to leave the bicycle on the wires."

On this page appears a cut of a corner of the rest room at Battle Creek office. The girls take just pride in the room and declare that it is "the finest rest room in Michigan." As it has been found necessary to increase the store room space at Albion, an additional room has been leased next door to the exchange building. It is to be connected with the present exchange by means of a fire-proof door. This will greatly improve the appearance of the Albion office.

The joint Western Union office at Athens has been discontinued. The telegraph office is now located in the depot of the Michigan Central Railroad Company.

The Old National Bank at Battle Creek has ordered a cordless private branch exchange.

Kalamazoo District

Recently Miss Swintz, service inspector, spent a week at the Niles office and her visit proved very beneficial to the operators. After Miss Swintz had taken up the traffic work thoroughly with each employe, a little "get together" meeting was held at the office one evening. Manager Zwergel was invited to give a little talk and of course obligingly responded. After an hour or two of discussions Mr. Zwergel invited the girls into the next room, where he had, as a surprise to them, a very nice lunch prepared, and the

girls declared that if this was the way all meetings would turn out they would be willing to come back in the evening for instructions every once in a while.

On the night of October 12th a little social function was given at the home of Miss Umholtz, operator, in honor of Miss Host, who was formerly an operator at the Niles office and a favorite with all. A good time was reported.

When Carrie Mayer, chief operator at Dowagiac, started for Detroit Saturday, October 24th, she did not inform even her dearest friends that she did not expect to



CORNER OF BATTLE CREEK REST ROOM.

come back as Miss Mayer. When she did get home, October 27th, it was as Mrs. Thomas Pethlick. The wedding took place in Detroit October 26th.

A number of Kalamazoo operators have formed a sewing circle. They recently met, and made curtains for their rest room, after which they all enjoyed a theater party.

Mrs. Helen Hare, who was injured in an automobile accident some time ago, is expected to resume her position as toll chief operator at Kalamazoo soon.

Margaret Burkenstock entertained the Kalamazoo toll operators November 5th in celebration of her birthday. Games and music were the amusements of the evening. The hostess was presented with many pretty and useful gifts.

The third division in the Kalamazoo local room won the prize in the contest for the month of October.

W. D. Hickin, formerly plant chief at Kalamazoo, accepted a position with the Traverse Bays Telephone Company at Central Lake.

Horace Cavanaugh of South Bend, Ind., succeeds J. M. Breathed as private branch exchange repairman at Kalamazoo. Mr. Breathed has gone to Florida.

Lamoine Ennis is the new repair clerk at Kalamazoo, succeeding James Barnard.

A. Clark has been transferred from stock-keeper to farm line repairman at Kalamazoo, L. Crouch succeeding Mr. Clark as stock-keeper.

Verne ("Count") Palimter has been promoted from plant stenographer to frameman at Kalamazoo. Allen Weese succeeds Willard Lull as night wire chief.

On October 15th Pearl Parker and Verne Palimter, frameman at Kalamazoo, were married. Mrs. Palimter was formerly chief operator at Boise, Idaho. Mr. Palimter has prepared a cozy home for his bride on Washington avenue.

A. E. Huntley, manager at Benton Harbor,

and Maude A. Gregory were married recently at the home city of the bride's parents, Ludington. The wedding took place at the First Congregational church. Mr. Huntley was formerly a resident of Ludington and his bride belongs to a well-known family there.

Lansing District

A small blaze in the store house used by the construction department at Lansing caused a slight damage October 27th.

On the evening of October 17th a new eight-position toll board was cut over at Lansing. No trouble was encountered. E. F. Moon had charge of the Western Electric crew, which made the installation. Among those present for the cut-over were H. E. Harrington, equipment supervisor; Fred Clark, traffic engineer; L. V. Weed, traveling traffic supervisor; Mr. Shepard, engineering department; E. R. Marsh, district manager, and C. M. Darling, local manager. The partition formerly separating the local and toll rooms has been removed. The boards now occupy opposite sides of the operating room, which is now much better lighted and ventilated. A new electric lighting system with emergency gas arc lights has been installed.

C. Gray, troubleman at Lansing, has been at home seriously ill. Dan Watson, of Claire, Mich., is working temporarily for Mr. Gray. The Lansing plant department held a code meeting November 8th. This is the first meeting of a series to be held this winter, getting the men together and bringing up questions on the different codes.

W. I. Ward, of the commercial department at Detroit, has been in Lansing for several weeks canvassing for new stations. Mr. Ward is doing good work.

Marquette District

Business is picking up in the iron country. The Miners' National Bank at Ishpeming has signed a contract for No. 2 private branch exchange of seven stations and two trunks.

The toll operators at Ironwood received a large box of roses from pleased patrons at Kenton. It's a mighty nice thing when your service is so good that toll patrons miles away from the exchange center send you roses. In connection with the above, District Manager Baker makes the following remark: "We are rather infatuated anyway with the way traffic is handled in the Upper Peninsula. In fact, we believe that we are giving better service at all exchanges than anywhere else in the country."

W. A. Spencer, traffic superintendent, visited Marquette on October 27th and addressed an operators' meeting in the afternoon, giving a short but splendid talk on team work and voluntary supervision. The talk was much enjoyed and much benefit will be derived in many ways from Mr. Spencer's visit. He left Marquette for Houghton and Calumet, visiting these exchanges on October 28th. Ironwood was visited October 29th. This exchange is to be cut over to common battery some time in December.

The M. M. and S. E. Railway Company has discontinued toll stations at Hanley and Percy.

Petoakey District

W. F. Horter succeeds H. L. Holbrook as manager of Crafon toll station. Leland toll station has been discontinued for the winter.

NATIONAL

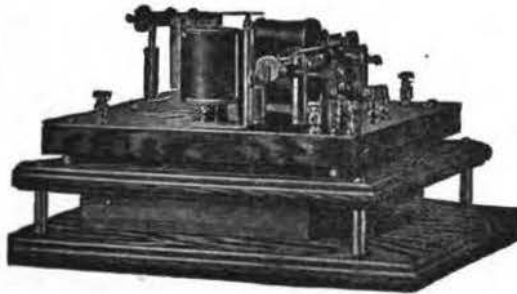
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you will find that you can do your work quicker and better, using less fuel than other makes. The tank is made of seamless drawn steel with bottom and fittings welded in, making it extra strong and durable. The No. 21 has large funnel and filler plug, heavy uprights and top plate and will outlast several of the other makes. Jobbers will supply at factory price. Send for catalog—it's free.

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(232)

Port Huron District

The Telephone Girls' Club was delightfully entertained at a masquerade party given by Margaret Seig and Gladys Hunt at the former's home. After unmasking, music and dancing were enjoyed, after which a dainty lunch was served.

Ruth Overmeyer, local night operator, has returned after spending two weeks in Lansing and Charlotte.

Bessie Rottach, toll night operator, has returned after spending two weeks at her home in Detroit.

The Port Huron *Times-Herald* sent a letter of thanks for the excellent service received on election night. Editor L. A. Well said: "The service was excellent. The wires were clear and the girls were particularly attentive."

The toll station at Redman, between Port Hope and Kinde has been discontinued.

Saginaw District

In a fire which practically wiped out the business district of Omer, the Omer Telephone Company's central office was entirely

destroyed. The fire started on the night of November 3rd. Toll service was reestablished in a few hours. The company plans to install a new switchboard and repair the damage done as soon as a suitable location can be secured.

The Jennison Hardware Company at Bay City has installed a private branch exchange of twelve terminals.

Kathryn Bolan, formerly a traffic employe at East Tawas, died in Denver, Colo., where she had gone in the hope of regaining her health. Funeral services were conducted from her home in East Tawas on September 21st. Miss Bolan was a young lady of very gracious disposition and beloved by her many friends among the employes and the subscribers of the East Tawas exchange.

Helen Seltz, formerly chief operator at Port Huron, has been promoted to the position of chief operator at Flint.

Sault Ste. Marie District

Clarence Burge, repairman at Sault Ste. Marie, has resigned and returned to his home in Cleveland, Ohio. Mr. Burge took with him a bride, formerly Frances Smith.

Foot and Mouth Disease

By Dr. Alvah H. Doty.

During the past month an extended outbreak of foot and mouth disease has occurred among cattle in various parts of the United States. Although this affection is confined chiefly to animals, usually cattle, it is also transmitted to human beings, therefore it is not only of interest but important that the public should know something of this disease in order that it may in various ways aid in its prevention or suppression.

The specific organism or germ, the cause of the foot and mouth disease, has not yet been discovered, possibly for the reason that the germ is so very minute that the microscopes now in use are not sufficiently powerful to detect it. However, some of the distinguished bacteriologists of the day are at present actively at work in this direction.

Probably within a week after the germ enters the system constitutional symptoms appear in the form of fever, malaise, loss of weight, etc., but what is still more characteristic the local manifestations of the disease present themselves; there appears in



HALLOWE'EN PARTY AT SAULT STE. MARIE.

The operators at Sault Ste. Marie were entertained at a Halloween Party Friday evening, October 30th, at the home of Eunice Campbell. The house was very prettily decorated in yellow and black for the occasion.

Esther Hines made a decided hit by introducing several new and novel dances. Several vocal selections were rendered by Alice Arnott and Myrtle Crebo.

A buffet luncheon was served. This also being the anniversary of Miss Campbell's birth, the operators presented her with a beautiful signet ring. The picture shows that all had a good time.

Standing, left to right—Anna Callahan, Agnes Steger, Hazel Cennell, Glen Lucos, Everine Paquette, Muriel Harper, Sarah Campbell, Jean Somes,

Middle row—Lela Smith, Louie Gerrie, Myrtle Crebo, Matilda Bernier, Mary Vaughn, Alice Arnott, Eunice Campbell, Esther Hines.

Bottom row—Lucille Ripley, Jettie Gerrie, Muriel McNair, Rose McAdam, Agnes Robbins.

the mouth a vesicular eruption similar to small water blisters, which end in ulceration. The eruption also appears between the toes and sometimes on the teats and udder of the cow. It is these local symptoms which have suggested the name of foot and mouth disease.

When the human being is affected the local symptoms are of practically the same character, although usually confined to the mouth. Constitutional symptoms are also present.

The mortality of this disease among cattle is very low, for not more than four or five per cent. die; however, the infection travels so fast that in order to prevent the rapid extension of the disease, it has been deemed necessary to destroy all animals found to be infected. The great financial loss which is incurred as the result of this procedure may be illustrated by the fact that during the epidemic which occurred in Germany in 1892 over 4,000,000 infected cattle were discovered.

The spread of foot and mouth disease among human beings is limited and fatal

results rarely occur; this sometimes takes place among poorly nourished children who have become infected by drinking raw milk containing the germ of the disease.

The present method of dealing with an outbreak of foot and mouth disease consists not only in the prompt destruction of the infected animals, but the quarantine of those which may have been in contact or in close proximity to the infected ones. The cleaning and disinfection of stables, apartments or quarters used by infected or presumably infected animals; the destruction of possibly infected foodstuff and articles which may be regarded as contaminated and the frequent examination of apparently well cattle as a preventive measure; the treatment of infected cattle has received but comparatively little attention, at least in this country, for the prompt destruction of these animals has been regarded as necessary to prevent the spread of the disease.

Human beings contract this disease by actual contact with infected animals or other media, not uncommonly from infected milk

taken raw. There is but little danger in eating the meat of infected animals if by some means it should be presented for sale, for even if it is proven that the organism of the disease exists in the meat it would be promptly destroyed by the cooking which is necessary to prepare it for use.

The fact that the organism of the disease has not yet been identified makes it more difficult to decide as to the means by which infection is transmitted. It is quite proper to decide that milk from infected cows is unfit to drink, at least until it has been subjected to heat to destroy the organism, for even if milk as it is drawn from the cow does not contain the organism, it is reasonable to assume that it may in various ways become infected outside, for instance, by the hand of the milker, by the eruption which often occurs on the teats and udder of the cow, etc. Therefore, during outbreaks of foot and mouth disease the public is concerned chiefly as to the purity of the milk supply. In New York and other large cities the municipal health authorities are constantly providing protection against milk infection, therefore there is but little for the residents of these places to do in this direction beyond securing a good and honest vendor who carefully conforms to the municipal regulations regarding the purchase and sale of milk. It is rather in places where the milk supply is not carefully guarded that the individual must protect his own household, not only in connection with this disease, but in other forms of milk infection. Fortunately, the means by which this may be accomplished are simple and practically without expense and consist in boiling and Pasteurization. Boiling is more easily and quickly performed and more available in emergencies, but the temperature required (212° F.) is apt to injure certain of the nutritious properties of milk, although it remains sufficiently nourishing for temporary purposes, however. Pasteurization is now generally used for this purpose. This method was devised and recommended by Professor Louis Pasteur, a distinguished French scientist. The temperature employed in this process is much below the boiling point, and while it renders the bacteria present quite harmless, it does not materially injure the nutritive value of the milk. It is employed as follows: Bottles containing milk and carefully sealed are placed in a pan or receptacle containing water which is raised to a temperature of 150° F. and kept at this degree of heat for twenty minutes. The bottles are then removed and placed in the ice box close to the ice.

Outbreaks of foot and mouth disease are not confined to stock yards or large droves of cattle, but may appear in isolated places and where there are but few cows. When it is considered that an enormous number of persons throughout the country keep one or more cows and that they frequently become infected in various ways—often not recognized—at least until it is too late to prevent the transmission of disease, it will be realized how much can be done to avoid infection if proper preventive measures are employed. Everyone who keeps animals should obtain some good standard book which in a plain and concise way will give instruction concerning the proper care of these creatures in health and in disease and the proper means of dealing with infection. There is no excuse for not doing so, for there are many valuable and inexpensive works on this subject. This is not only in the end an economical measure, but goes far to preserve the health of animals and protect against the danger of infection.



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"Blue Letters" for Christmas

The liberal practice of the Bell Telephone System in protecting long-service men, the injured, and the families of employes, through the pension, disability and insurance plan, seems to be in marked contrast with the practice of the government in its dealings with the postal employes.

The *Chicago Examiner*, of December 19th, one week before Christmas, printed a pitiful story of the plight of several men who have given long years to the postal service. These men now face dismissal without provision for their old age, because the government has arranged no such provision, and because the "department regulations" forbid their retention. Here is the story:

Postmaster Campbell was writing Christmas letters yesterday to postoffice employes who have grown gray and decrepit in the government service, and they were not pleasant letters, either to write or to receive.

You will please explain to me within ten days why you should not be dismissed from the postal service because of old age.

That was one of the letter forms. Another was this:

You will please explain to me within ten days why you should not be dismissed from the postal service because of infirmity.

"It's rather bitter to be obliged to send

out letters like these just before Christmas," said Postmaster Campbell. "But there is no alternative. It is compulsory."

Charles Siegel, a Spanish-American war veteran, is one of those who received the "blue letter" yesterday. He has been in the service fourteen years. He is sixty-one years old. His employment has been that of a laborer in the mailing division.

Any physician would have advised against sending such a letter to Siegel. There was danger that the shock might kill him. It almost did. He collapsed when he read the letter. He was taken to the Iroquois Memorial Hospital for treatment. Siegel wears a bit of silver plate where a part of his skull used to be. A bullet broke away the skull when he was fighting for his country.

"But I can't help it," Postmaster Campbell said. "Siegel has been disabled for a long time."

It is said that the department regulations will cause about thirty men to lose their positions before the close of this year.

One who received his letter was William Dalton, twenty-nine years in the service; another was Martin Murnane, in the service since 1886; another was Frank McGowan, a negro, eleven years in the service, and still another was Michael Vasold, service nineteen years.

Some of the clerks who received the "blue letters" went to State Factory Inspector Oscar F. Nelson and asked him to help them keep their positions until after the holidays, so that their families might not face the sorrow at Christmas time.

"I have sent a letter to Senator Lewis," said Mr. Nelson. "I asked him to use his influence. That is all I could do. There is not another civilized nation in the world that does not pension its wornout employes."

Our Special Editions

This number of the BELL TELEPHONE NEWS is the Cleveland Edition. In it we have given special prominence to things affecting Cleveland, Cleveland telephone employes and the Cleveland Telephone Company. The articles included in the special Cleveland pages are not written, however, solely to interest Cleveland readers. They will give readers in other divisions a better knowledge of affairs in Cleveland, which is the second city in population in the central group.

The Cleveland Edition will be followed by specials for the other divisions. Employes are invited to prepare articles for these editions, sub-

mitting them to the division correspondents or through the accustomed channels. Help us make your division edition of the NEWS more interesting if possible than those from the other divisions which preceded it.

"Cut Out the Waste"

The above significant caption heads a leading article in one of our sister telephone publications. Every member of the organization which issues that publication is invited to join in a campaign to "cut out the waste" incident to his work.

It is not necessary here to mention the extraordinary business situation which exists in the country as a result of the European conflict. Nor is it necessary to enlarge upon the effect which this situation has produced on the telephone business along with other lines of industry which demand large financing for their development. It is sufficient to say that a condition exists which furnishes a definite opportunity to every Bell employe to do something concrete for his employer. A penny saved is a penny earned, we are told. Likewise a penny earned may be a penny saved and 100 pennies earned or saved make one dollar. And the dollars are what the company needs for development and expansion and to insure the continuance of our employment.

In his statement in our September issue, President B. E. Sunny accurately epitomized the situation when he said, "This is a time when prudence and economy should be in the minds of all."

Moral Is Plain

A paint dealer in Evanston, Ill., has no telephone in his store. A couple of thieves discovered that circumstance. One of them called him on a telephone next door and kept him out of his store for five minutes, while the other tapped his till for \$125.

This is not the first time this trick has been played. The dealer ought to have known better. But, above all, he should have had his own telephone service. The telephone is a constant protection against intrusion, criminal or otherwise.

Cleveland Telephone Company Adds Large Modern Unit to Telephone Equipment of Sixth City

New Garfield Office Just Cut Over Combines All Features of the Best in the Art of Telephony

Every well regulated cutover must have a "last call" through the old board and a "first call" through the new board, and to omit giving the details in connection with these two calls would be as grave an offense as neglecting to report who broke the bottle of wine at the launching and christening of a battleship. Therefore, this information in connection with the Doan-Garfield cut-over at Cleveland, will be given at the beginning of this article.

The last call through Doan and the first call through Garfield office was made by Maurice Sarbinsky, former city electrician, now secretary to the director of public utilities. Mr. Sarbinsky called the Cleveland Police Department through old Doan board and the Cleveland Fire Department through new Garfield board. Several years ago Mr. Sarbinsky was in the employ of the Cleveland Telephone Company as night switchboard repairman at Main office.

Director of Public Safety Alfred A. Benesch gave the signal to cut over by ringing bells located in the wire chief's quarters of the old and new offices, and at 10:45 on Saturday evening, November 21st, Garfield office became an integral part of the Cleveland Telephone Company's system. In less than one minute's time the strips of cotton sleeving that held the cut-off relay springs open at the new office, were pulled from the banks of relays, the heat coils at the old office were ripped unceremoniously from the Hayes protector heads, and the 4,200 lines and 9,700 stations working in this district were transferred from the old office at 1949 East Ninetieth street, to the new, modern, fire-proof quarters at 2057 East One Hundred and Fifth street.

In addition to the employes actually engaged in the work of the cut-over, there were about thirty-five people who witnessed the operation. General Manager Allard Smith invited the following state and city officials to attend: E. W. Doty, member of the Public Utilities Commission; George X. Cannon, telephone expert of the Public Utilities Commission; Alfred A. Benesch, director of Department of Public Safety and chairman of Board of Underground Wire Supervision; Charles W. Stage, director of Department of Public Utilities; Thomas Sidlo, director of Department of Public Service; E. W. P. Smith, city electrician and secretary of Board of Underground Wire Supervision; Maurice Sarbinsky, former

city electrician, now secretary to director of public utilities; Charles S. Howe, president Case School of Applied Science.

Following the cut-over a lunch was served to both guests and employes, in the spacious dining room on the first floor of the building, and the new and complete kitchen equipment was placed in service for the first time. Chief Operator Kittie Reilly and her force of 150

story office building, however, provides equipment that will take care of the telephone requirements of this section of the city for a number of years to come and is so constructed that two additional stories may be added, to take care of future growth.

Just one year elapsed from the time the first ground was broken to the date of the cut-over, although the weather conditions were such that at the commencement of building operations, work was delayed considerably. The Garfield office equipment is the largest original installation ever placed in Cleveland and involved the most comprehensive traffic recommendation that Traffic Supervisor J. W. Brady has ever drawn up for the Cleveland Telephone Company. The work was done in record time, only 150 days elapsing from the receipt of the first equipment on June 4th to the time the board was turned over to the forces of the Cleveland Telephone Company for test purposes. This excellent record is due



NEW GARFIELD BUILDING, CLEVELAND.

to the untiring efforts and careful supervision of General Foreman C. M. Pierce, Job Foreman T. U. White and Division Foreman H. L. Dupont, of the Western Electric Company.

Another record worthy of mention was that made by the company's cable department. Forty-five days from the time the first cable was pulled in, every line in the old office was connected up to the main frame of the new office, 21,000 miles of wire in underground cable being laid in the half mile distance between the two offices. General Cable Foreman Shiels and his two assistant foremen, Herman Rajanski and Charles Bohunek, kept a force of sixty men on the cable work, and during one week splicing was carried on day and night. Although half connections were made on 7,000 pairs, not a single case of cable trouble developed. Superintendent of Construction J. J. McCarty states that the cable work in connection with this cut-over was the largest cable job ever done by his department in Cleveland.

The cable vault is a model one and Cableman P. Sindelar, who placed the cable, and Cableman A. Mulhern, who wiped all the joints in the vault, have received numerous compliments for the capable manner in which they performed their work. The original conduit line on East One Hundred and Fifth street, the street on which Garfield office is located,

operators and supervisors had been eagerly looking forward to the occupancy of the new office for some time, as the recreation room, hospital room, lavatory, locker room, and in fact the operators' quarters throughout, are so far superior to the old quarters that no comparison can be made. The move to the new office enabled the operating forces to place into service an upright, mission-finish, Blasius piano, which was purchased by the operators with funds that had been raised during the past year through a series of dances, lawn fetes and parties.

On the Sunday morning following the cut-over many beautiful potted plants and cut flowers were received at Garfield office, from the operators of the various offices throughout the city and from the A. T. & T. Company forces.

This is the third location of this office, the original location being at 10625 Euclid avenue, not far from the present quarters. Garfield office serves a prosperous residence section of the city known as the "East End" and is one of the four offices located in District No. 2, in charge of Traffic Manager E. G. Niemeyer. The growth in this district has been so rapid that the quarters on East Ninetieth street were completely outgrown, although the equipment at this location had only been in service a little over ten years and was still in comparatively good condition. The new two-

was laid before street railway service was in operation on this thoroughfare and one of the tracks was laid directly over the duct line. As an additional conduit was necessary on this street and the existing cable had to be transferred to the new duct line, Engineer A. N. Symes met the condition by specifying that split multiple tile be laid, the first ever used in Cleveland. General Conduit Foreman R. B. James arranged to have the street railway traffic switched to one track, so that his men could tunnel under the other track and reach the old conduit line. The above arrangements enabled the conduit department to meet a difficult condition in a very successful manner.

The final testing and adjustment of the equipment at Garfield office was in charge of A. F. Wilson, formerly with the Chicago Telephone Company, and recently appointed maintenance supervisor of the Cleveland Telephone Company. The placing of 200,000 feet of distributing wire on the main frame and the actual work of cutting out the old office and cutting in the new, was under the supervision of J. A. English, equipment foreman.

F. H. Penniman, who has been exchange manager of the old office at two different periods in its history, and is the present wire chief at Garfield office, cared for the building arrangements. He has observed the growth of this office from a 100-line lock-out type switchboard to the present 10,500 line, No. 1 relay multiple board, with twenty-three A sections and ten B sections. The semi-selective automatic ringing on the seven-panel B board and the multiple answering jacks on the eight-panel A board, are innovations over the switchboard that have been abandoned.

It was very fitting that the director of public safety of Cleveland should give the signal to place into service this modern \$500,000 telephone unit, as the telephone exchange of today is a tremendous factor toward insuring the safety of the general public. It was also peculiarly appropriate that a former employé who had worked many years with the old apparatus, should make the last call over the old and the first one over the new equipment.

Unique Method of Interviewing Subscribers

There is probably no other business catering to the wants of the general public where the employés see so little of the people they serve, as in the telephone business. Peculiar impressions are

formed of the various subscribers over the telephone, and the majority of these telephonic impressions prove to be erroneous when the subscriber is met face to face.

Allard Smith, general manager of The Cleveland Telephone Company, has instituted a unique method that is enabling the employés of the traffic department, from the chief operator up, to meet the subscribers personally. During the



CLEVELAND OFFICIALS PROMINENT IN GARFIELD CUT-OVER.

Left to right: H. L. Dupont, division foreman, Western Electric Company; J. A. English, equipment foreman, Cleveland Telephone Company; J. W. Brady, traffic supervisor, Cleveland Telephone Company; T. U. White, job foreman, Western Electric Company; A. F. Wilson, of plant superintendent's office, Cleveland Telephone Company; C. M. Pierce, general foreman, Western Electric Company.

course of each month, each chief operator, traffic manager and various traffic office employés, devote a half day's time to visiting subscribers at both office and residence, and obtaining an impression of opinion from them in regard to the service. Test calls are also made from the subscriber's premises so that the service can be judged from the subscriber's end of the line.

More than 200 subscribers were interviewed in this manner during the month of October and the majority of those visited appeared to be very much pleased that they had been extended this personal attention.

It is also thought that better relations will be established between the company and its patrons through the medium of these personal interviews, and they will have a broadening effect for those employés who have heretofore been wholly dependent upon telephonic impressions. These interviews have also brought to attention conditions which the subscriber had neglected to report or which he did not realize were affecting his service.

Due to the many beneficial results that have been obtained, these personal visits have become an established routine with the traffic department of the Cleveland Telephone Company and probably will be continued indefinitely.

General Manager's Meetings at Cleveland

Periodic meetings of department heads, sub-heads, chief operators and wire chiefs of the Cleveland Telephone Company, arranged for by General Manager Allard Smith, are anticipated with pleasure by those who attend.

These meetings are proving to be beneficial and instructive, as an opportunity is thus afforded for the employés of the various departments to meet each other and there is an instructive talk given at each meeting.

An enthusiastic gathering of this kind took place Monday evening, November 23rd, in main office dining room. A six o'clock dinner was served to the seventy-five assembled employés and guests. After the dinner General Manager Allard Smith opened the meeting by introducing to the assemblage the following guests who were seated at his table: Robert Lindsey, vice-president and general manager of the Cleveland Electric Illuminating Company; W. J. Hagenah, public utilities statistician; A. P. Martin, secretary of the Committee on Valuation of Public Utilities; S. H. Tolles and T. H. Hogsett, legal repre-

sentatives of the Cleveland Telephone Company; G. R. Slater, manager; C. M. Pierce, state foreman, and J. C. West, storekeeper, all local Western Electric representatives, and H. D. Coe, district plant chief of the A. T. & T. Company.

Mr. Smith spoke in regard to the need of all employés constantly keeping in mind that our commodity is telephone service, and that telephone service means a great deal more than merely renting telephone instruments. That this fact was appreciated by the employés was indicated by the excellent work that had been done by all departments in connection with the installation and cut-over of Garfield office, and Mr. Smith complimented the force on the showing.

After Mr. Smith's talk Mr. Hagenah spoke in regard to the work of appraising the property of the Cleveland Telephone Company. A considerable force of men have been engaged on this work under Mr. Hagenah's direction since June. He explained at some length the relations to the public of the municipally-owned public utility and the privately-owned public utility, and the effects of legislation that had been passed during the last few years, in connection with the regulation of public utilities.

Following the speakers a vaudeville entertainment was given by traffic and commercial employés.

City Council Guests of Cleveland Telephone Company

In response to an invitation extended to the Cleveland City Council by General Manager Allard Smith, the members of that body, headed by Councilman P. V. Kalina, chairman of the telephone and telegraph committee, and Councilman W. F. Thompson, president of the Council, visited the Company on Thursday, December 17th; representatives of the city newspapers and several of the city departments were also in attendance, making a total of twenty-six guests.

Lunch was served in main office operators' dining room, after which the visitors, accompanied by Mr. Smith and his several department heads, made an inspection of the building, operating room and equipment. The guests were given ample opportunity to watch the interesting work of the operators, and they were given an explanation of the electrical and mechanical apparatus involved in rendering telephone service.

The tour of inspection ended in the general manager's office, where informal remarks were made by Mr. Smith on behalf of the Company and by President Thompson on behalf of the Council. In brief Mr. Smith said:

"We are very glad to have had this opportunity of showing to you gentlemen some of the inside workings of a telephone exchange. The furnishing of telephone service is an interesting and difficult task, more complex than required in other utilities like electric light or water. They have individual units of consumers and we have a great many subscribers all joined together in one system.

"If Councilman Thompson is suddenly without electric light in his home, for some reason or other, he can use gas or kerosene oil, and he is not concerned with conditions that may exist at Councilman Stanton's home. If, however, they suddenly wish to talk to one another, we must provide for their exclusive use at any time, a prompt and satisfactory telephone connection. Therefore we must not only assure ourselves that Councilman Thompson's telephone line is working, but we

must be equally concerned at all times about Councilman Stanton's telephone line. So in our system of 62,000 telephones the chances for small errors mount up into large figures, running into millions, due to the liability of such errors occurring between any one telephone subscriber and all the remaining

spirit of responsibility and duty which they owe to the public in their work of supplying this great public service. We desire the cooperation of our subscribers, the public and their representatives in the municipal organization, and we certainly appreciate your interest and the time spent with us today. I wish to thank all of those present for making us this visit."

On behalf of the City Council, President Thompson expressed the appreciation of the members of the courtesy that had been shown them and the enjoyment that had been afforded. He voiced the sentiment of the other members by stating that cooperation and better understanding between the public, the utilities companies, and the city, should be of material assistance and mutual benefit in attaining the one result in which they were all interested, namely: "Service." President Thompson expressed appreciation of the efforts being made by the Cleveland Telephone Company to this end.



OPERATORS' REST ROOM, GARFIELD OFFICE, CLEVELAND.

subscribers of the Company.

"The human element also plays an important part in telephone service. Two people in conversation compose a real live proposition. You have seen the complexity of the apparatus and have obtained some idea of how delicately we must direct the small electrical currents so feeble and sensitive that they are hardly measureable by ordinary instruments.

"We do not claim perfection, but we do claim that every reasonable effort to improve is being made throughout this organization by those who are continually engaged in the work of perfecting both apparatus and methods, and our one aim is to give to the Cleveland public the very best grade of telephone service. We are developing in all our employes that

pressed appreciation of the efforts being made by the Cleveland Telephone Company to this end.

Directors' Meeting at Cleveland

At the regular quarterly meeting of the Board of Directors of the Cleveland Telephone Company, held in the Main office building on December 9th, all of the local directors were present, and, in addition, the following officials from Chicago: President Sunny, Vice President Hill, Vice President Burt and Secretary Mizner. At noon the Chicago officials and department heads attended a luncheon with General Manager Allard Smith at the Cleveland Athletic Club. Here the general work of the company, and problems in which all were mutually interested, were considered.

In the afternoon Mr. Sunny, Mr. Burt and Mr. Hill, accompanied by Mr. Smith, Mr. Berlin and Mr. Anderson, made an inspection of the new Garfield exchange recently cut into service, and also the plant department headquarters.

Cleveland officials are very glad that directors' meetings make it necessary for the "big bosses" to pay a visit to the Sixth City. Such visits always prove profitable in the opportunity afforded for the local operating heads to meet the executives in person.



OPERATORS' DINING AND LOCKER ROOM, GARFIELD OFFICE, CLEVELAND.

Men's Club Inspects Marlo Office

It is quite a difficult task to persuade subscribers or the public to visit a telephone office for the purpose of seeing how the business is conducted, therefore the Cleveland Telephone Company has arranged to take the office to the subscriber and the public.

This is done through the medium of an illustrated lecture which has been given before a number of clubs and societies by N. Anderson, traffic superintendent.

Stereopticon views show every phase of the telephone business, and the accompanying lecture brings out all the essential features of the telephone art from its inception to the present day.

On the evening of December 8th Mr. Anderson lectured before 125 members of the Men's Club of the Lakewood Presbyterian Church. As this church is just across the street from Marlo Office, no difficulty was experienced by Mr. Anderson in persuading the Club and members' wives who were present to inspect a real telephone office, at the close of the lecture.

The entire assemblage, on reaching Marlo office was guided through the building and the operation of the various apparatus and equipment that had been viewed on the screen was explained to the guests by traffic, plant and commercial employes.

On reaching the third floor a buffet lunch was served to the members of the party and while the guests were assembled in the recreation room Mr. Anderson introduced the employes in charge of the different departments at Marlo office.

The weekly bulletin issued by the Lakewood Presbyterian Church gave the following account of the lecture and reception:

"The program which the officers of the Men's Club presented at the special Ladies' Night last week was not only a surprise, but so unique that it is well worthy of some comment. The musical part of the program was followed by an illustrated talk by Mr. Anderson of the Cleveland Telephone Company. Afterward every one present became a guest of the Telephone Company at the Marlo exchange, where the intricate system was explained and became a part of our general knowledge. Our hosts served refreshments *a la buffet*. It was an excellent program and we feel deeply indebted both to the Cleveland Telephone Company and the courteous employes of the Marlo exchange, who helped to make the evening such a delightful one."

Cable Pulling Truck Used on Cut-Over

"All hands to the windlass" is a cry no longer heard in the cable department of the Cleveland Telephone Company, where formerly six or eight men labor-

ously circling around pulled the cable in or out of the duct line. A three-ton Mack automobile truck now does the work with the greatest of ease. A fifty-nine-horse power engine can be thrown in gear with a cable pulling winch located back of the driver's seat. This truck was placed in service by the Cleveland company in July, 1914, and in addition to pulling cable in and out it is also used for delivering cable to all parts of the city.

The biggest day's pull in the history of this truck was accomplished on October 2nd, when four men pulled in 2,809 feet of 300 and 600-pair cable on Union avenue. The average daily pull for the

and East. Over 1,200 lines were involved, 790 lines or 1,906 stations being transferred from Eddy office district alone. This, of course, required a great deal of cable work.

The Eddy lines affected by the cut-over were placed on half connection and the "battery cut off" method was used, the transfer being made on December 12th at 10:45 in the evening.

The lines and stations transferred from East office to Garfield were so distributed that a wholesale cut-over could not be made, so the changes were made a few at a time.

This cut-over gives Garfield office 5,510 lines and 12,759 stations, and there is some question as to whether Main or Garfield is the largest office in the city. However, Main office will have to look to its laurels, for with this additional territory and serving, as it does, the most rapidly growing section of the city, it would not be surprising to see Garfield office step into first place.



OUTSIDE PLANT MEN WHO ASSISTED AT GARFIELD CUT-OVER.

Left to right: P. Shiels, general cable foreman; H. Rojanski, assistant cable foreman; A. Mulhern, cableman; P. Sindelar, cableman; C. Bohunek, assistant cable foreman; J. J. McCarty, superintendent of construction.

truck has been eight sections in eight hours. This truck was a wonderful assistance in connection with a recent large cut-over, where several miles of cable had to be pulled in. In fact, the job was the largest outside plant cut-over that has been made by the Cleveland company for some years.

The outside plant equipment of Eddy and East offices had reached a point of congestion that made it necessary to change the territorial boundaries of these two offices. Working toward the fundamental plan and keeping in mind the best possible distribution of cable, the engineering department decided to transfer a considerable part of each district to Garfield office, which lies adjacent to Eddy

Main office building by General Manager Allard Smith. The invited guests represented the civic, social and industrial life of Cleveland and this reception afforded an opportunity of explaining to the visitors, not only the operation of the switchboard, but the welfare and social work that the Cleveland Telephone Company is doing for its operating employes.

The guests met at Mr. Smith's office at noon time and were conducted to Main office dining room on the seventh floor of Main office building, where they were served a lunch under the same conditions as the operators are served each day. Following the luncheon the visitors were conducted through the building by N. Anderson, traffic superintendent; Miss Spencer, social secretary; Mrs. Correll, medical supervisor, and Miss McCarty, private branch exchange instructress. On reaching the school assembly room on the fourth floor the guests were seated and Mr. Smith spoke in regard to the many advanced ideas the company had placed in effect to better the working conditions of the operating employes.

Many favorable comments were made by the guests. Among those who were in attendance were: Mrs. Baker, wife of Mayor Baker; Mrs. Stage, wife of C. W. Stage, director of Department of Public Utilities; Mrs. Stockwell, wife of J. Stockwell, director of law; Mrs. Twing, wife of Professor Twing, president of Western Reserve University and Case School of Applied Science; Miss Raymond, principal of Hathaway-Brown School for Girls; Florence Ball, secretary of the Consumers' League; Mrs. J. J. Sullivan, Mrs. Perkins, Mrs. Harrison McGraw and Mrs. Chapin, vice president of the Y. W. C. A.



CABLE PULLING TRUCK.

Appraisal of Cleveland Telephone Company Property

In the spring of 1914, the Public Utilities Commission of Ohio ordered the Cleveland Telephone Company to prepare an inventory and appraisal of its entire property. The actual survey of the various classes of plant involved was started during the month of May and is now rapidly nearing completion. Many of the employees of the company have not been directly connected with the gathering of the necessary data and it is doubtful if even those who have assisted in this undertaking realize what a herculean task has been accomplished within a comparatively short period of time.

Preparing an inventory of an ordinary business firm involves the counting and tabulating of various classes and amounts of material upon the shelves, in the show cases, stock rooms, etc., and generally requires the services of all the office force and sales people employed for a period of from one to three weeks to complete. To make an inventory of the property of a telephone company, however, is an entirely different problem, involving not only a larger number of individual items than that handled by an ordinary firm, but having to gather the details of each class of plant over an area of more than 470 square miles.

An idea of the magnitude of such an undertaking may be gathered from the consideration of one item going to make up such an inventory, namely, pole lines. When you think of the tens of thousands of poles of various sizes, lengths and grades, together with the number of iron pole steps, wooden steps, cross-arms, insulators, pins, braces, bolts, anchors, guys,

guy hooks, thimbles, hub-guards, etc., which must not only be located and counted but tabulated in such a manner that a check of each item can readily be made if desired, a faint conception of the enormity of the task may be gained.

The item of poles is, however, but one of the numerous classes of plant in the inventory, for instance, a thorough in-

derground cables not only vary in size from a ten pair to a nine hundred pair, but also contain wires of No. 22, No. 19, No. 16 and No. 13 gauge, in some cases several different gauges being contained in one sheath.

A complete tabulation is also made of the aerial cable plant, noting from a personal inspection each individual cable,

with its length, size and gauge, size of supporting strand, number, size and type of each particular terminal, the pole upon which is located the number of drops taking off each pole, the cable extensions into apartment houses and other buildings, including the number of interior building terminals, inside wires between the terminal and the telephone set, and their average length. All of the aerial wire carried on poles, including iron wire, bare copper and the various types of twisted pair wire must be tabulated.

All private branch exchange switchboards must be inspected and minute details regarding ultimate wiring, present equipment, cord pairs, etc., be recorded in addition to any special equipment such as order tables, jack boxes, switching keys and the interior cables or wires necessary to operate each system. A certain percentage of all subscribers' stations, must be visited and notation made of all details, lengths, type, etc., of the interior wire in each case to obtain an average for all stations of the same class.

All telephone buildings must be inspected and classified as to the type of construction employed, whether fireproof or ordinary construction, length, height, width, number of floors and character of same, together with the entire central office equipment housed therein, which includes data covering the smallest de-



CUT-OVER FORCE IN GARFIELD TERMINAL ROOM, CLEVELAND.

Left to right: G. P. Eisel, R. Sass, W. L. Murphy, J. B. Andrews, R. E. Autolik, E. H. Bradbeer, L. W. Foster, J. Geiger, D. G. Moore, William Kane, C. E. Berry, A. B. Petrosky, C. A. Miller, E. W. Conant, G. J. Lanse, H. Webster, E. Ebie, P. Imley, J. Lorenz.

speciation must be made of the underground conduit and cable system, which necessitates the opening and closing of over two thousand manholes. A record is made of the length, width and depth of each individual manhole, the number of ducts entering and leaving it, lateral conduits to poles and buildings and length in each case, with the type and dimensions of the rim, cover and frame. While all this detailed data is being tabulated, a check is also made of the number of cables passing through or terminating in each manhole, together with all lateral or distributing cables to buildings or poles, noting the size of each cable and determining the number of cable pairs contained in each sheath, which is quite a task in itself when you consider that un-



CABLE MEN WHO WORKED ON GARFIELD CUT-OVER.

Back row, left to right: William Scanlon, Charles Bohunek, William Gau, E. Brown, T. Hunt, C. Robinson, E. Klossar, J. Gabriel, Charles Bush, P. T. Green, William Packert, M. Fitzharris, L. Davison, J. J. Dalley, R. Barkbauer, H. McArthur, J. Rimes, J. Davis, H. Backus, F. Orzen. Front row: A. Mulhern, William Woollacott, J. Woollacott, J. Meyers, William Thornton, H. Rojanski, R. Haggerty, E. Nunny, P. Sindelar, T. La Bagge, O. Birth.

tails such as relays, protectors, keys and length of switchboard cables of various sizes, desks, dining room and kitchen furniture, in addition to the larger items such as switchboard sections, power plant, distributing frames, etc.

Considering only the large amount of detail work described above and the fact that in each and every one of the thousands of items to be tabulated, it is also required that the person inspecting the plant must determine its "per cent. good" or, in other words, estimate how much each particular item has depreciated from its original condition, the preparation of such an inventory involves a tremendous amount of work.

Efficient Loop Automobile

Some who read this article may probably have to confess that they are perfectly familiar with the loop wagon or auto, where material, tools and sub-sets

of three wooden boxes, as shown in the accompanying picture, the base being a box six feet eleven inches long, three feet ten inches wide and thirteen inches high. Resting on this base are two parallel boxes, each six feet three inches long, fourteen inches wide and twenty-three inches high. The space between these two parallel boxes has been utilized by attaching hooks to the inner sides of the boxes, and hand lines, coils of wire, blocks and tackle, etc., are hung on these hooks.

The box forming the base has a partition running through the center longitudinally, the left hand side when facing the rear of the truck, or in other words, the street side section forming a compartment large enough to hold a four-section ladder, and the right hand, or sidewalk section providing a storage place for telephone instruments. These telephone sets are made accessible from the sidewalk side of the truck by a sliding door, and to protect them from the weath-

taining such medical supplies as are required for first aid to the injured.

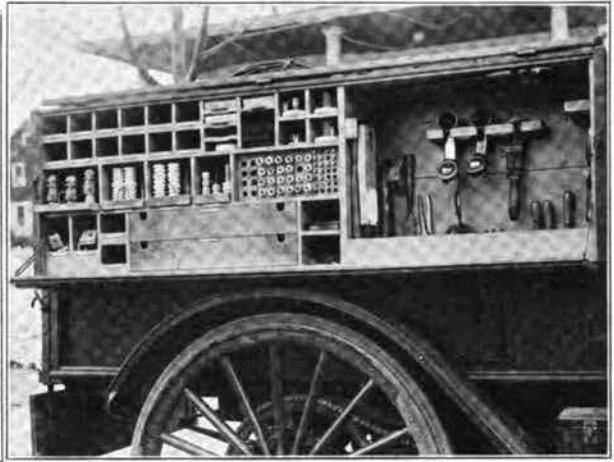
The arrangement of this automobile body enables an inventory to be taken with the greatest of ease. It enables the foreman to tell at a glance when leaving a job whether every tool has been returned to its proper place; it enables the linemen to secure necessary material and equipment without delay and a fifty percent. increase in the working efficiency of the loop installers of the Cleveland Telephone Company has resulted.

Cleveland Telephone Company Orchestra

One of the poets has said:

"Of all the arts beneath the heaven,
That man has found, or God has given,
None draws the soul so sweet away
As music's melting, mystic lay."

Whether or not the reading of these



LOOP TRUCK USED BY CLEVELAND PLANT DEPARTMENT.
Right side showing general and close view of material box open.

are strewn over the bed of the truck; and conditions have become so bad that every trip to the wagon for material requires a diligent search.

Each search means time lost and more trouble on the next trip until it becomes necessary to have a "house cleaning" requiring the reloading of the truck. This rearrangement only lasts a few days, however, when conditions become as bad as ever.

To overcome the above difficulties A. T. Spangler of the Cleveland Telephone Company's plant department has designed and had constructed a special body for loop automobiles, this body being divided into compartments so that there is "a place for everything and everything in its place."

To provide a proper sized compartment for each article and to have all material easy of access was no small task, as the load carried by a loop automobile ranges from a screw to an extension ladder.

The problem was simplified by designing the compartments to hold a specified amount of material, approximately one day's supply, and each night the stock that has been used is replenished, the amount of material used or recovered as shown on the foreman's G-260 being taken into consideration. This system of stocking up at night enables all loop automobiles to start out promptly each morning.

The body of the automobile is made up

er the top of this lower box is covered with galvanized sheet iron.

The idea of placing the tools and material that are used most frequently on the sidewalk side of the truck has been followed to such an extent that the material required on ninety per cent. of the work orders can be obtained by the linemen without walking around to the opposite side of the automobile. This has been accomplished by means of bins, drawers and slides in the upper box. For instance, one slide is equipped with bolt fixtures to hold different sized knobs. Another slide is equipped with crossarm pins on which can be screwed glass insulators. The drawers are partitioned off to accommodate such small articles as nails, screws, toggle bolts, etc.

For storing tubes, a block is provided bored with the proper size holes, each hole being marked to indicate the size of the tube it contains. Another feature that adds to the efficiency of this automobile body is the fact that all parts that must be assembled to make up one piece of apparatus, such as a No. 58 protector, are all grouped together in adjacent compartments. As the foreman must take his office with him, a compartment is provided for G-260 reports and specifications.

On the street side separate compartments are provided in the upper box for rubber coats, rubber boots, lunch boxes, spurs, belt tools, paints and a box con-

beautiful lines inspired the movement that will be explained in this article, the writer does not know, but at any rate A. P. Boblett of the traffic superintendent's office has organized an orchestra composed entirely of Cleveland Telephone Company employes. The employes who are not taking an active part in the orchestra are waiting anxiously to hear the "Music's melting, mystic lay."

It was rather surprising, the amount of musical talent that was found in the different departments and the present indications are that the orchestra will be augmented from time to time as new talent is discovered. The present members of the orchestra follow:

A. P. Boblett, director and first violinist; Agnes Quirk, piano; Carl M. Updegraff, violin; Dan Williams, violin; Carl Locke, violin; Frieda Wagner, violin; Viola Glenn, violin; Albert Waltz, cello; Edwin Barnes, cornet; Charles Koenig, cornet; George Upham, cornet; Wilbur Mitchell, trombone; Albert Wunsch, clarinet; George Hewitt, piccolo; Robert Shilling, saxophone; William Gimbel, drums.

Rehearsals are being held in Main office assembly room each week and, under the able direction of Mr. Boblett, who has had practical experience both in directing orchestras and in band work, there is no reason why the Cleveland Telephone Company orchestra should not be first class.

Plant Headquarters in Cleveland

In June of 1914 the plant department of the Cleveland Telephone Company held what might justly be termed a family reunion, for at this time the entire department was housed in one building for the first time in its history.

Delving back into history, we find that in the year 1893 the plant department occupied a small two-story building, located at 37 Michigan avenue, with a floor space of 2,500 square feet and a yard in connection for storing poles, etc., of 9,000 square feet. The ground floor of this building was used as a stable, and the upper floor was used for storing small construction supplies. The office of the construction superintendent, who at that time was in charge of all the work which is now handled by the plant department, was also located on the second floor of this building.

Three years later the plant department moved to larger quarters at 57 Water street, the building at this location containing approximately 10,000 square feet of floor space. These quarters were entirely outgrown, however, by 1902, on account of the rapid development of the telephone business in Cleveland. The various sub-departments were established at branch offices, the supply department and general plant headquarters being located in the present Main office building on Champlain avenue; the principal warehouse and stables were moved to a one-story building in the rear of Prospect office on East Nineteenth street. A limited supply of material was carried at each of the outlying offices to meet the demands of the inside wiremen and line installers.

This arrangement, with the exception of moving the plant accounting forces from Main office to Rosedale office in the fall of 1913 was in effect until June, 1914, when the entire plant department was centralized in a new two-story brick building located at 6215 Carnegie avenue. This building, which is 450 feet long and sixty-five feet wide, was designed jointly by the Cleveland Telephone Company and the Western Electric Company. Its location, which is about two miles east of the business center of the city, was selected as the

telephone center of Cleveland.

The building is really in two sections, the rear half being occupied by the Western Electric Company and the front half by the plant department.

The Cleveland Telephone Company's garage, which houses thirty motor driven vehicles, is located on the ground floor. A front and side entrance to the garage allow for easy entrance and exit for the various cars, including "International

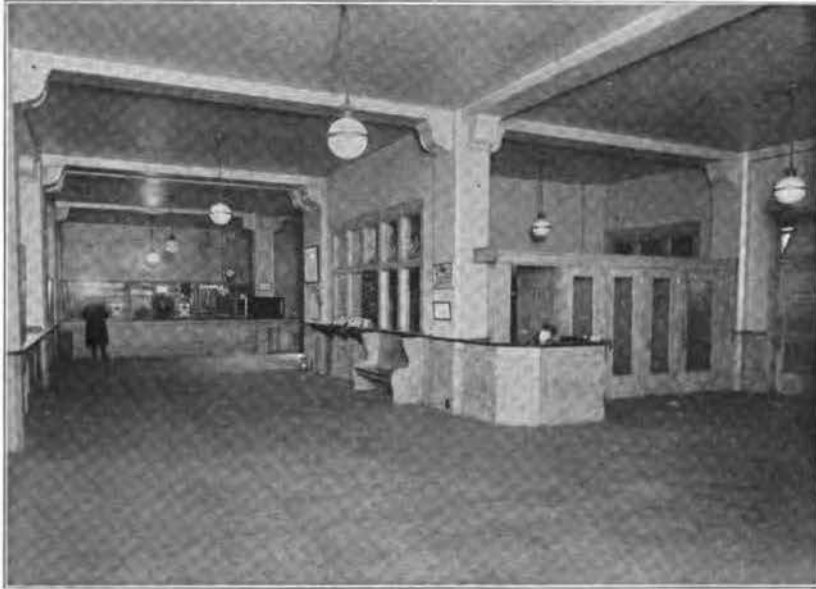
of the Western Electric Company. The rear half of this building, which is three stories in height, is a sub-warehouse of the Western Electric Chicago branch, doing an associate business with the Cleveland Telephone Company and the Ohio division of the Central Union Telephone Company. Although Cleveland is second in population to Chicago only of all the cities in the central group, it was the last one of the larger cities to obtain a Western Electric warehouse. A considerable portion of Cleveland's supplies, and in fact for the entire state of Ohio, come from the east, and the Chicago warehouse was at a disadvantage in this respect, therefore the local warehouse was arranged and equipped so as to be in a position to do a complete retail distribution job for the Cleveland Telephone Company.

Supplies are loaded on the shipping room trucks of the Western Electric Company and run directly to the loading platform of the Cleveland Telephone Company, where they can be transferred very easily to the motor trucks of the Cleveland company. The close association of the working forces

of the Western Electric Company and the Cleveland plant department, and the proximity of the stock to the distributing agency and the centralization of the various sub-departments of the plant department has enabled the simplifying of many methods and has worked for greater efficiency throughout.

Cleveland Commercial Department

The accompanying picture of the Cleveland Telephone Company's Main office lobby does not present a very animated appearance, due to the picture having been taken quite early in the morning before the majority of Clevelanders had started to transact any business. A great change, however, takes place in this lobby during the months of January, April, July and October, for on the fifteenth of each of these months the rental and discount period for the quarter expires and it generally appears that the majority of subscribers wait until the last day to pay their rental and get the discount. An average



LOBBY OF COMMERCIAL DEPARTMENT, MAIN OFFICE, CLEVELAND.

Harvesters," "Macks" and "Mercury Trucks," "Stearns," "Overlands" and "Fords." A force of repairmen is kept at the garage to keep the cars in working order. The garage is so arranged that when the trucks are in place for the night they are backed up to a supply platform so that during the night all trucks can easily be furnished with any supplies that are needed.

The second floor of the building contains 10,000 square feet of floor space, and is occupied by the building and service department, plant accounting, construction and installation, records, plant superintendent's office and the local office



NEW PLANT HEADQUARTERS AT CLEVELAND, SHOWING AUTOMOBILE EQUIPMENT.

of \$32,000 is taken in at the six tellers' windows on the fifteenth day of these quarterly periods and the collection department is busy until ten o'clock every evening from about the eighth to the eighteenth of these four months. Fortunately, about seventy per cent. of the telephone rentals are forwarded by check, for if every one came in person it would, no doubt, be necessary to enlarge the lobby. The work of the receiving tellers is heavier during the summer months than during the winter months, for during cold weather subscribers turn to their check books instead of making personal trips.

Immediately back of the tellers' cages, three of which may be seen in the background, and extending along the rear of the counter in the left of the picture, are the clerical forces of the collection department.

Through the assistance of the information operator, observed in the foreground of the picture, visitors are enabled to determine if the officials or employes they desire are in their offices, the information operator calling by telephone before directing the party to the elevator. This information operator also acts as an attendant in connection with local and long-distance telephone calls and telegraph messages. Three telephone booths are located to the immediate right of the information desk.

In the room back of the telephone booths is located the official private branch board of the Cleveland Telephone Company, known as Main 9900.

Probably the largest number of subscribers that ever congregated in this lobby at one time was in the month of January, 1913. The company had passed through a severe sleet storm in November, and many thousands of subscribers had been out of service for two, three or more days. An adjustment for this loss of service was made in January, when it appeared that everyone affected came in personally to see that proper adjustment was made.

Another active center of the commer-

is not in the position to sell telephone service by telephone. If it is inconvenient for a prospective or present subscriber to visit the office a contract is mailed to him. Many miscellaneous orders, however, that require no signature are taken care of through the medium of the order table. An unusual amount of informa-

An "At Home" party was held at the Y. W. C. A. on the afternoon of December 20th, from four to six, by the Mercantile League in honor of Anna Owers, industrial secretary of the Y. W. C. A., who leaves the local organization to act as field secretary of the Y. W. C. A. in Pennsylvania. Miss Owers, with the cooperation of Minnie Spencer, organized the Bell Club of the Mercantile League, and has been very much interested in the club work. Her absence will be keenly



BELL CLUB AT CHRISTMAS PARTY OF MERCANTILE LEAGUE, CLEVELAND.

tion is given out to the public each day over the lines of the contract board. As the contract department is the first department with which the subscriber has dealings, he continues to call this department for some time after his telephone has been installed in regard to any matters that require adjustment, whether it be maintenance, service conditions or anything else.

The commercial department occupies the entire ground floor of the Telephone Building.

felt by all her associates. The league presented her with a complete set of Browning.

The marriage of Esther Ludwig to J. C. Heinz, took place January 6, 1915. On December 1st, Miss Ludwig resigned her position as stenographer in the commercial department of the Cleveland Telephone Company, which she has held for the past four years. Miss Ludwig was presented with a beautiful set of sherbet glasses and goblets and has the best wishes for happiness and success from her associates.

Local Showers

At this time of the year the weather prophet is not called upon to predict "local showers"; but nevertheless there have been three such showers in Cleveland recently. On the evening of November 30th, Mrs. Striebing, assistant chief operator at Main office, formerly Miss Parry, was caught in one of these showers without an umbrella. In other words, it was a surprise shower given at her new home in Cedar Park terrace, by the supervisors and clerks of Main office. Mrs. Striebing received many beautiful and miscellaneous gifts.

The storm center then shifted to the home of Mrs. Rodgers, time clerk at Main office, formerly Miss Maudsley, and twenty-five of her friends from Main showered her with linen and cut-glass on the evening of December 4th.

Mrs. Sitzler, A operator at West office, formerly Miss Sink, had a demonstration of the old adage "It never rains but it pours", for not only did the well-guarded secret become public information, but a regular down-pour of kitchen utensils fell at her home. The entire West office operating force took part in this shower, the night force calling at her home before reporting for duty.

Commercial Items

The Cleveland Telephone Company recently finished the installation of an eight-position multiple-type switchboard with a capacity of 220 subscribers' lines and thirty-five trunks. In the enlarged building of the Halle Brothers Company, one of the largest mercantile establishments in the city. In connection with this board, there has been installed a "Shopping" type order table of twelve positions, six on each side, with a continuous turret through the center. This table is equipped with twenty lines and holding keys on each position, the order lines being connected to the private branch board.

One of the salient features of the Halle Brothers Company's advertising is the daily "ad" listing one or more telephone specials.

Cleveland Social Notes

The second business meeting for the year 1914 of the Bell Club was held Tuesday evening, December 15th, in Main Office dining room, thirty-three members being present. Supper was served at six o'clock. A Christmas tree, decorated in real Christmas style, centered the table. After the supper the business of the evening was taken care of. This was followed by a musical program, arranged by Clara Schultz, chairman of the social committee of the club. It was a well-arranged program and everyone enjoyed the singing very much. Santa Claus made his appearance during the evening in the person of Miss Mitchell of Broadway office. Dressed in his usual regalia, he very thoughtfully remembered everyone with a small gift. Miss Schultz expects to make the business meetings of the Bell Club very attractive in a social way and urges every member to be present at the next one, which will be held the third Tuesday in January.

The Mercantile League held its second annual Christmas party at the Y. W. C. A. Thursday evening, December 17th. Supper was served at 6:30 o'clock. Songs and yells were given by the different clubs. Minnie Spencer, social secretary of the Cleveland Telephone Company, acted as chairman. Judge George S. Addams was speaker of the evening, his subject being "The Christmas Spirit". A playlet was given by the Higbee and May Club entitled "A Real Dream". The Bell Club followed with "Our Country Cousins" and a kitchen orchestra gave several wonderful selections, under the direction of Marie Wing. Judge Addams started a yell at the speakers' table. "Hurly-Burly, Hurly-Burly Do Your Christmas Shopping Early". It was answered then by the May Club, "Hurly-Burly, Hurly-Burly, We Do Our Christmas Shopping Early". Bell Club answered, "Hurly-Burly, Hurly-Burly, Do Your Telephoning Early". Judge Addams from Speakers' Table answered, "Izy-Izy, you are Dizzy, for the Line is always Busy".



A CLEVELAND CARTOONIST'S CONCEPTION OF THE EFFECT OF THE WAR TAX.

cial department is the contract department. Due to the subscribers' signature being required to contracts and the money transaction which is usually involved, the company prefers, of course, to have the subscriber come to the office in person, and unlike any large mercantile concern,

The clerks at the order table are, of course, expert in the matter of price information, etc., but should it be necessary for a clerk at the order table to obtain further information, the customer is held on the line by means of a holding key, and the equipment is so arranged that the clerk can signal the private branch exchange operator on another line and obtain connection direct with the person in charge of the particular department from which she desires to obtain the information.

The visiting tour of the Halle Brothers Company includes a stop at the telephone department of this immense establishment, and an explanation is given as to how "Shopping by Telephone" is done. The business done in this manner has grown from a four-position order table three years ago, to the present twelve-position equipment.

A similar installation has recently been completed in the enlarged establishment of the William Taylor & Sons Company, Euclid avenue Department Store. A four-position No. 4 lamp-type multiple switchboard with a capacity of 140 stations and four trunk lines and an order table of six positions, comprise the equipment. This up-to-date and high-class department store is making every effort to increase sales through the medium of the telephone department, and is encouraging its customers to "Shop by Telephone".

The commercial department received recently a letter from a Bell Company in a neighboring state, asking for assistance in collecting an account due by a subscriber who had moved to Cleveland. Apparently to offset this disagreeable request, they gave the addresses of two of their former subscribers who had moved to Cleveland, and suggested that they might want telephone service. The delayed rental was collected and contracts were obtained from both the parties suggested. This is cooperation.

The editor of the Chicago Telephone Company's directory has been accused by one of the Chicago daily papers of showing a lack of originality, because the names and numbers in each succeeding issue are practically the same. In looking at the Cleveland Telephone Company's directory, it may appear as though the Cleveland directory department is trying to avoid similar criticism, for a number of office prefixes have been changed recently.

The real reason, of course, is to clear up the confusion that has existed between one syllable office names. In the June directory North was changed to Prospect, and in the October issue Doan was changed to Garfield, South to Harvard, Ridge to Edgewater and Broad to Broadway.

East will appear as Rosedale in a future directory issue. These prefixes were selected from a long list after elaborate tests and experiments extending over many days had been made. The new prefixes will necessitate re-arranging the Cleveland Telephone Directory and a three column arrangement will be adopted, the subscriber's name and location being followed by the telephone number.

The commercial department has arranged for the installation of a two-position switchboard at the annual Cleveland Automobile Show, which will be held in the Wignore Coliseum from January 16th to January 23rd. About sixty exhibitors will be served through this board. The electrical decorations at this year's show will surpass anything ever attempted at any previous auto show, and like the circuit this exhibition is going to be "bigger, better and grander" than ever before.

Plant Department Activities

The first of a series of monthly meetings of the Cleveland Telephone Company's installation department was held in Main office assembly room on the evening of December 7th. It was more of a "good fellowship" meeting than a business session and approximately 100 plant men were in attendance. Mr. Dombrosky, superintendent of installation, and chairman of the meeting, complimented the force on the excellent record that had been made in the months of September, October and November, and judging by the results obtained during this period, Mr. Dombrosky saw no reason why the Cleveland installation department could not be the most efficient one in the Central Group.

Mr. Berlin, plant superintendent, explained in an interesting manner about plant expenditures and how they were apportioned among the several departments. He also complimented the force on the showing that had been made and described the traits that in his opinion made an efficient installation man.

The need for first-class cooperation between the maintenance and installation departments was dwelt on by Mr. Wilson, maintenance supervisor, and Mr. Spangler, head of the record department, explained some of the difficulties of assigning. Mr. Watson of the plant superintendent's office made a plea for efficiency in connection with



CLARA SCHULTZ,
Chairman Entertainment Committee, Bell
Club, Mercantile League.

all records and reports submitted by the men.

Steps were taken at this meeting that will lead to the organization of several bowling teams, and a committee of three was appointed to arrange for an entertainment to be given in connection with each meeting in the future.

About Dancing and Some Other Things

Two successful dances have been held so far this season by Cleveland operators. On the evening of November 11th, 300 people enjoyed a dancing party arranged by the Solree club of Rosedale office and held at L. O. F. Hall on East Fifty-fifth street near Prospect. On December 3rd the Alpha Club of Garfield office entertained 160 at Conklin's Academy, Euclid avenue and East Sixty-ninth street. Other entertainments are being planned by the operators at the various offices, and one such occasion that is being anticipated with pleasure is a dancing party to be given at an early date by the Adelphean Society of Eddy office.

The proceeds from these dancing parties are used for a variety of purposes, ranging



MRS. J. C. HEINZ,
Formerly Esther Ludwig, a Cleveland Commercial Employé.

from piano payments to reserve funds for operating tennis courts next season.

Main office operators are holding impromptu dances most every day since the installation of a "Victrola" in the recreation room. A considerable fund had been accumulated by Miss Randall, the librarian, made up of overdue payments on library books. An amount equal to the fund was donated by the Company and the girls decided unanimously that a "Victrola" should be purchased.

Overdue payments and a duplication of the amount on hand, by the company, has also enabled Prospect operators to place two new pictures on the walls of their recreation room, and in addition to this, Vesta Vouwie, librarian at this office, recently donated a picture. The girls further beautified the room by purchasing a fern.

Broadway office also has a branch library and a duplication of the "over-due" money provided a fund which the girls invested in a beautiful picture, entitled "An Autumn Landscape". The picture was hung in the recreation room on Thanksgiving day. However, Broadway has more to be thankful for than this, as the office won the Banner for the month of November, by obtaining the highest traffic rating of any office in the city. The winning of the "Banner" has been the culmination of an effort that has extended over several months, and the Broadway forces have reason to feel jubilant.

The Value of a Telephone

From "Breakfast Table Chat," by Edgar A. Guest of Detroit.

Last night we had a hurry call to go to daughter May.
Her husband said that Ma and me were wanted right away,
An' so, though it was after twelve, an' bitter cold outside,
We hustled out of bed an' dressed an' took a trolley ride;
An' Jim—that is her husband—met us with a gracious bow
An' said to me as we stepped in: "Well, you're a grandpa now."

An' Ma went flyin' up the stairs, an' Jim an' I stayed down,
An' talked about the great event, Jim in his dressin' gown,
As comfortable as you please, An' then he sorter smiled,
An' said: "An hour or two ago I thought that I'd go wild,
The stork was hoverin' above, an' I was all alone,
I'll tell you, Dad, I burned the wires of that old telephone."

"I telephoned the doctor an' I telephoned the nurse,
An' I'm sure the sort of service that I got could not be worse;
I telephoned the druggist, an' I 'phoned the neighbors, too,
An' then when I was through with them I telephoned to you.
Each minute seemed an hour to me; I thought they'd never come.
You bet I was a busy boy, I made the old wires hum."

An' then I laughed an' said to him: "Why when your wife was born
We didn't have a telephone the neighbors round to warn;
They got me out of bed at 1 a. m. an' said to me:
'You'd better get the doctor now, an' get him here at three.'
I had to run four miles that night to bang upon his door,
An' then to get the nurse I had to hike about two more."

"That isn't all the hikin' that the women made me do;
I had to get her mother's folks—the same as she made you;
There were no trolley cars back then, at least that late at night;
I ran four stitches in my side, and finished ten pounds light;
I walked an' did a double trot, a gallop and a pace,
An' I didn't even stop to wipe the sweat beads from my face."

"An' here you're in your dressin' gown, an' sittin' by the fire,
An' everybody's on the job, all summoned by the wire,
You haven't even left your house or felt the winter's chill—
Just think, my boy, without a 'phone, why, you'd be running still!
You'd still be hiking somewhere an' wearing out your shoes,
An' pausin' for your second wind—that's how I spread the news!"

Two Magnificent Expositions Open on Pacific Coast

San Francisco and San Diego Will Be Mecca of Thousands of Tourists from All Over the World During the Next Few Months.

Some of us who remember Ada Rehan, Pinafore and Lydia Thompson can also remember Billy Florence's allusion to the "Glorious Climate of California." When the star of the "Almighty Dollar" was giving publicity to the western commonwealth whose shores are bathed by the waters of the Pacific, a trip to California was a pastime in which only the idle rich indulged, not only on account of the expense in dollars in getting there, but also of the expense in time, as well.

So the vast majority of American citizens had but to listen and laugh at the comedian's quips, then sigh and picture the beauties of the climate and the glory of the flora—and turn again to their customary vocations.

Later, when the country became more prosperous the globe trotting bug found lodgment in the American system and no point in Europe was too remote or inaccessible to daunt the American tourist and each successive spring the Atlantic was churned into a froth by vessels bearing thousands of citizens of the

land of the free and the home of the brave, with a golden store of eagles and double eagles, to the old country.

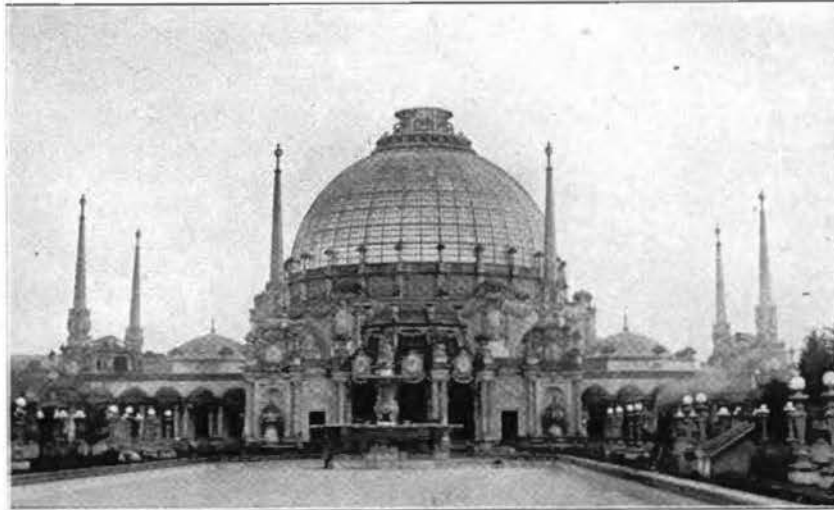
But this year all has changed. The rulers of Europe are engaged in punching one another's exalted heads, the foreign railroads and automobile routes are given over to the military and the palatial steamers are lying idle in the harbors where the opening of the war found them, save where they have been turned into troop-ships or relief ships, and only an occasional passenger carrier slips back and forth over an unusually inclement ocean.

However, the American pleasure seekers are far from being in Raymond Hitchcock's unfortunate position of being all dressed up and no place to go! The people of California have provided against that contingency and on January 1st one exposition threw open its hospitable gates, at San Diego, and another will open at San Francisco on February 20th. The dates named are the officially selected dates for opening and word comes from the west that the houses are in order and the feasts practically spread. Returning travelers who have had the privilege of seeing the fairs at this stage say that if not another exhibit enters the buildings the expositions will well repay the time and expense of a transcontinental journey.

Stretching away for two miles along the shores of the bay of San Francisco and close to the residence section of the

city, 625 acres have been enclosed for the use of the Panama-Pacific International Exposition. The natural beauty of the wave-kissed playground has been enhanced by the architects and landscape artists until it gleams and sparkles like a shower of gems scattered broadcast on the beach.

Beautiful buildings set in a vast expanse of lawns dotted with beds of richly colored plants, and interlaced with smoothly surfaced drives fringed with



HORTICULTURAL BUILDING, PANAMA-PACIFIC EXPOSITION.

luxuriant shrubbery, combine to make a scene of brilliancy and beauty that holds the spectator spellbound.

The Panama-California Exposition at San Diego, which was opened December 31st, midst the roar of guns upon telegraphic signal from President Wilson in Washington, is "a riot of color" both in the buildings and the grounds. Permeated with the atmosphere of Spanish manners and customs the exposition will prove delightfully novel and interesting to the visitors who will throng its highways and byways during the coming year.

The two expositions will in no way conflict, but each will rather tend to furnish an added attraction to the other.

The transcontinental rail lines are preparing to transport thousands upon thousands of people to the two expositions. "Service" will be the watchword, the shibboleth of the general passenger agents, and this means a trip alive with interest from start to finish, and every comfort known to modern railway management.

The chance for a pleasant journey with a goal that is worth while will doubtless prove the loadstone that will cause thousands of our people to See America First and make that slogan a reality rather than a phrase.

And none should overlook the fact that during the entire time enroute to and fro and while in attendance upon the expositions he has in The Bell Telephone a sheet anchor out for home.

Lost Men Found

While deer hunting in the woods of northern Michigan early in November, G. W. Miller and George Huntington, prominent men of Ann Arbor, were lost for four days. A blizzard was raging at the time.

Spurred by a reward of \$1,000, several hundred men searched day and night for the missing men. During these anxious days, friends and relatives of the two hunters used the toll lines from Ann Arbor to the north frequently in efforts to get some encouraging news or give instructions. Owing to conditions due to the blizzard, transmission over the line to the camps was not always the best and it was a hard task for the Ann Arbor operators to maintain the required connections. They were anxious, however, to give every assistance possible and worked heroically. The men were at length found and reached home safely.

Philip Schumacher, a member of the hunting club to which the two men

belonged, called up the Ann Arbor manager shortly after their return and said:

"I have just written a check for my tolls from the north woods and I want to state to you that I have never written a check with more satisfaction than I have this one. I also want to say to you that those toll operator girls are heroines, every one of them. The way they worked to get information back and forth for us during that exciting time was certainly heroic. I wish you would say to them that every individual member of our club appreciates their efforts to the very highest degree." In addition to this fine tribute to the operators Mr. Schumacher presented each of the toll operators and the chief operator with a valued token of appreciation.

A Selection

A young woman who found employment in a telephone office, though she knew little about the work, had previously worked in a large department store where the motto was: "We strive to please." During the first day at the telephone office when there was a ring at the bell:

"What number, please?" she asked, sweetly.

"Give me 4-7-4-18."

"Oh, I'm so sorry," she replied, 4-7-4-18 is busy, but I can give you, but we're quite out of—I mean No. 4-7-3 or 4-7-5, if you wish."—Pittsburgh Telegraph.

Mr. Sunny's Annual Luncheon

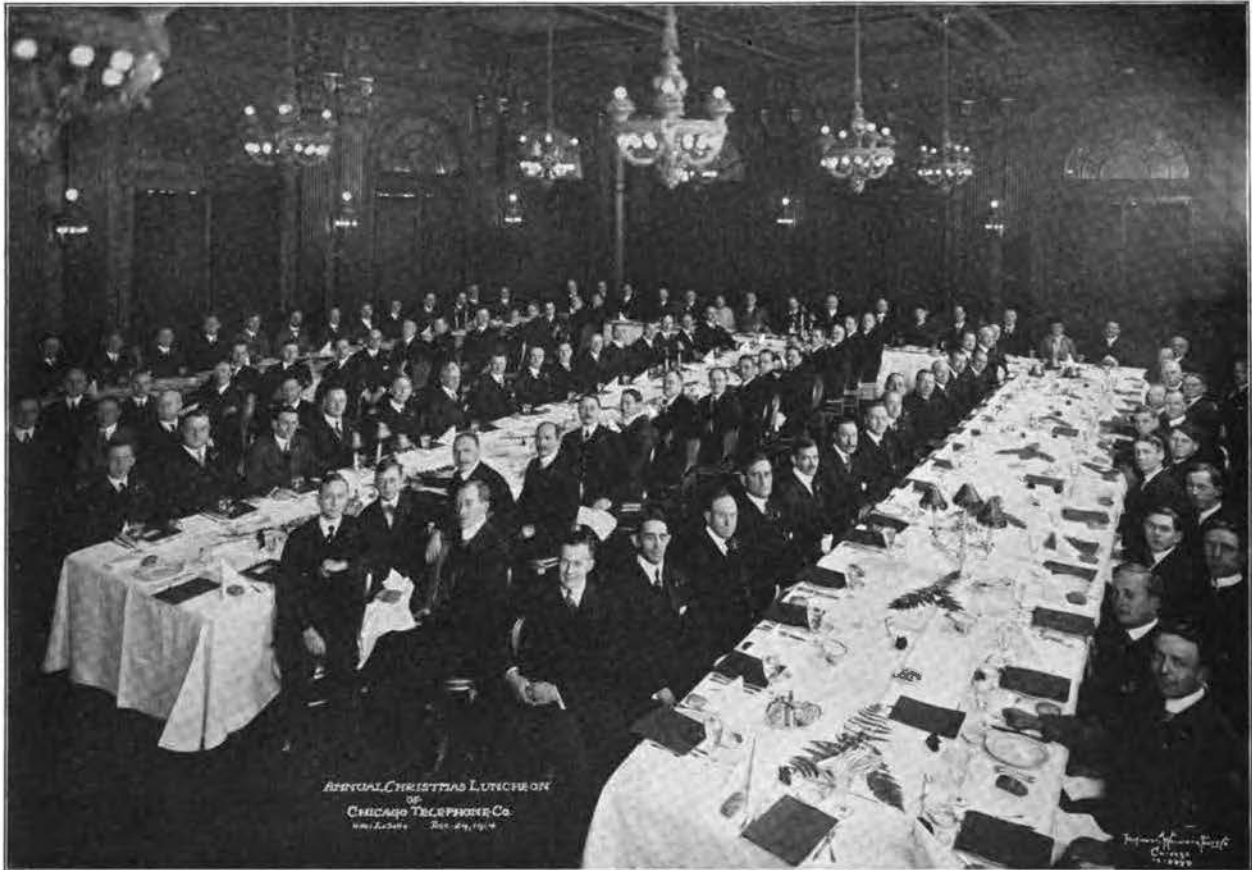
One hundred and ten officials of the Chicago Telephone Company arose from their seats in the red room of the Hotel La Salle on the afternoon of December 24th and drank a toast to the 7,000 telephone operators in Chicago. The toast, which was proposed by Vice President H. F. Hill, was an incident of the annual Christmas luncheon given by President B. E. Sunny.

"While we are here enjoying our-

resigned the gavel to Vice President Burt who, in his accustomed pleasing way, introduced the other speakers. Mr. Burt called in turn on representatives of the different departments.

W. G. E. Peirce, the veteran commercial man, now chief commercial agent, represented his department. Mr. Peirce told a good story—the one about the little boy's morning prayer—and then launched into his theme, which was "Get acquainted with your neighbor—you may like him." Mr. Peirce didn't take the

In the hope of securing something more definite on engineering matters, Mr. Burt called on Henry Dakin, of the state engineering department. Mr. Dakin added to the sum total of general information the stationery statistics of his department, which included some startling details, showing the remorseless consumption of pencils, scratch pads and tracing paper by a lusty and vigorous lot of young engineers. The outlay, however, has not been in vain. The state engi-



PRESIDENT B. E. SUNNY'S ANNUAL CHRISTMAS LUNCHEON AT HOTEL LA SALLE, DECEMBER 24, 1914.

selves," said Mr. Hill, "a number of our generous hearted girls are out distributing Christmas dinners to the poor." The toast was drunk with enthusiasm.

The luncheon this year was an exceptionally pleasant occasion and the spirit of Christmas cheer which permeated the gathering was reflected in the speeches. The speech-making was interspersed with telephone songs in which all the diners joined and an excellent quartette, composed of R. W. Sullivan, R. G. McNeill, Sherman Orwig and R. H. Bennett, rendered several numbers in a highly creditable manner.

After cigars had been lighted Mr. Sunny arose and rapped with the gavel for attention. Cheers greeted the president, followed by a verse of the song, "For He's a Jolly Good Fellow." Mr. Sunny in welcoming his guests stated that, considering business conditions generally, the company's business during 1914 had been successful. He paid high tribute to the employes in all departments and congratulated the organization upon its efficiency, after which he

trouble to explain what this had to do with commercial work; in fact, it was astonishing how little connection the most of the afternoon's speeches had with the departments represented by the speakers. Perhaps that was a part of the program. Anyway, Mr. Peirce made a good talk.

To represent the engineering department Mr. Burt called on E. H. Bangs. Mr. Bangs is vibrant with patriotic sentiment and his overpowering desire to observe the neutrality proclamation of President Wilson, whom he emphatically declared to be the greatest democratic president since Grover Cleveland, led him to select for his topic, "Sleeping Porches." He dwelt in detail on his experiences in building a sleeping porch and in adapting his life to its hygienic perfections. In an impassioned peroration Mr. Bangs rose to heights seldom attained by after-dinner speakers; his flight was due no doubt to the entire lack of humidity in the menu. This is purely a surmise on our part, Mr. Bangs preserves his neutrality.

neering department has developed a large number of experts—in chess, checkers, cribbage and pinochle.

R. M. Bennett, representing the plant department, voiced the appreciation of the plant forces of the policy of the company in keeping every man possible employed during the business depression. A. B. Crunden spoke for the accounting department. Mr. Crunden is an Englishman by birth and knows all about the telephone service in d'yer old Lunnnon—or did twenty years or so ago—and he told a few things about it, interesting things, too. But, taking example from the immortal Bangs we shall refrain from recording Mr. Crunden's remarks here lest spoofing be adjudged a breach of neutrality. (Sorry, Crunden. We got your letter, and the copy looks most attractive. Maybe we can run it later!)

Mrs. Margaret Hyatt was the traffic department's representative. It was her valedictory in a sense, as on December 31st she retired after more than thirty years' service, during which period she rose from the position of operator to

manager of one of the largest of the Chicago Telephone Company's exchanges. This is the most important position in telephone work ever held by a woman.

When Mrs. Hyatt rose to speak she was given a most enthusiastic reception, all the guests rising and cheering her repeatedly. When quiet was restored Mrs. Hyatt reviewed in an interesting fashion her early experiences in the traffic work. As she closed Angus Hibbard rose and proposed a toast to the health of "the greatest telephone operator in the world!"

Clifford Arrick was the last speaker. Mr. Arrick's subject was "The Christmas Spirit," which he handled in a more serious vein, bringing the afternoon to a fitting close.

C. E. Mosley, retired, for many years treasurer of the Chicago Telephone Company, was one of the guests at the speaker's table.

The Christmas Spirit.

Address by Clifford Arrick at
Annual Christmas Luncheon in
Chicago, December 24, 1914.

Mr. President, Mr. Toastmaster, Ladies and Gentlemen:

I give you "Merry Christmas."

While extending this greeting with sincerity and cordiality, it seems to me that Christmas is fraught with a deeper and more serious significance this year than ever before and I am impelled to touch upon its graver phases and the duties and responsibilities inherent thereto.

After the fall of man from his high estate in heaven he became a prey to evil passions, envy, malice, selfishness, rebellion—and when God asked of Cain, "Where is thy brother Abel?" that query was answered with the query, "Am I my brother's keeper?" That sullen, petulant rejoinder voiced the most portentous question with which the world has had to deal, the one upon which its destiny hangs today—for civilization—humanity's future rests upon the brotherhood of man.

Tomorrow the world will celebrate the birth of the Prince of Peace; of Him who was the embodiment of brotherly love and from whose divine example sprang the sentiments of esteem and fellowship that pervade this company today, and that nobler impulse which prompts us to stretch forth the helpful, restraining hand to one of "ours," who, through mischance, thoughtlessness or intent, seems in danger of slipping from the path called straight.

Each of us has his circle of friends outside of our organization; those to whom he turns to share joys and sorrows and whom he would protect from evil.

And, as our acquaintance grows, it opens an ever widening sphere of influence for good, to help and be helped by those knitted to us by ties of friendship.

We must realize, however, that our mission is but half fulfilled if we stop at the circumference of the circle of friendship. We must go beyond that boundary if we would do our whole duty. We must realize our relationship to every one of God's children everywhere and strive ceaselessly for universal brotherhood.

The necessity for this broader effort is emphasized by the awful situation in Europe. Even though the broad Atlantic sweeps between us and it, we shudder at the awesome spectacle as we stand quietly by, impotent to break the frightful grapple.

This crisis will pass and, the struggle over, our nation will stand ready to minister to the suffering, to assist in the material rehabilitation of the ravaged countries and to do her part toward a readjustment of international relations to the end, that never again will the world be called to look upon war's cruel work.

But, my friends, war cannot be legislated out of existence! Neither can want nor woe! Diplomats, doctrinaires, dreamers and sociologists may suggest a panacea, expound theories and dream dreams, but nought will avail until men recognize their obligations to their fellows by subduing selfishness and substituting therefor the genuine love of mankind. This condition can only be brought about by self-conquest, the conquest that destroys in each one of us belligerency, hasty temper, unbridled speech and self-seeking and replaces these with tolerance, poise, patience, generosity, gentleness and sympathy.

Herein lies the solution of the world problem and I would ask you all to pause for a moment in serious contemplation of the responsibility that rests upon you. As you meet that responsibility so will you follow in the footsteps of Him who came on Christmas. He came that men might live, not die. He came to vanquish sorrow, suffering and strife. He came not for the few, not for the class, but that all men might come into their heritage of health, happiness and harmony.

To speak of the conquest of the world for peace and prosperity seems like dealing in superlatives, especially when half that world is shot red with strife and want, gaunt and wan, stalks grim on every side.

But remember—each of us is a part in the infinite machinery of God's universe, and as we do our part for good so the world profiteth. Furthermore, since not a sparrow falleth without His knowledge, neither can your good work be unnoticed or unfruitful in the great scheme of Being.

"Am I my brother's keeper?"

Aye—in very truth—and of the generations upon generations which are marching toward us.

Then let us strive to worthily fulfill our mission.

Let us be of those who dare for the redemption of the world.

Acceptance and assumption of this heaven-created trust can but bring added gladness to our Christmas-tide, and cause to ring anew through heaven's arch, for you and me, the majestic music of the swinging spheres, as on that holy night when the angels sang:

"Glory to God in the highest and on earth, peace, good will toward men."

Monster Show for Charity

Three great public utilities of the city of Chicago, the Chicago Telephone Company, the Peoples Gas Light and Coke Company and the Commonwealth Edison Company, have entered into a cooperative arrangement, the object of which is to give a monster entertainment at the Auditorium for the benefit of the destitute of the city. Three night performances and a matinee will be given February 9th, 10th and 11th, and although the seats have not yet gone on public sale, so much interest has been shown that packed houses are indicated for the four performances.

All who take part will be volunteers from the personnel of the three companies, and will give their services absolutely without charge. Many talented

people are in the employ of these great organizations and a good performance, as well as a worthy object, is assured.

The proceeds obtained from the entertainments will be turned over to the United Charities, Chicago's great aid dispensing organization, which has rendered such efficient service in times of local need when calamities have swept down upon the unprepared of the community, leaving misery and suffering in their wake.

The principal field of effort of the United Charities of Chicago is, of course, the home field and the organization's methods have been so thoroughly systematized that the business of taking care of the needy, the unemployed, the sick and the destitute has been reduced practically to a science which insures the wisest distribution of its resources.

The business of helping the unfortunate is a business. Haphazard giving and unorganized aid, while inspired by noble and humanitarian motives, leads to many misdirected efforts, waste and the promotion of capitalized pauperism, the last of which constitutes one of the most trying types the social worker has to deal with.

The object of the United Charities is not to relieve distress alone, but to teach better management of scanty resources, to improve the surroundings of impoverished homes, to instruct in sanitary affairs, in the preparation and selection of food, in the care of clothing, etc. But more than all these it strives to preserve the self respect, the manliness and womanliness of temporarily embarrassed people by exchanging supplies for some sort of effort on the part of the recipient.

Now all these things require knowledge of how to do them on the part of those who actually go out into the highways and byways to minister to the sick, the injured, the homeless and the destitute. In other words, a trained and experienced corps of workers must engage in the battle against want if victory is to be won.

In addition to these expert agents, branch supply depots must be maintained; there must be facilities for the collection of funds and stores as well as for their distribution; there must be transportation provided and havens of refuge maintained for those who, if given a change of scene and food, will become self sustaining again instead of continuing to be a charge on the United Charities and the community. Hospital accommodations and educational facilities are necessary adjuncts to the art of successful giving.

To carry on this work—and remember it goes on for 365 days in the year!—requires the whole time, attention and study of those upon whom the actual work devolves. The administrative and operative forces must be compensated for their work. What is worth doing is worth doing well and that well-doing can only be accomplished by capable people whose knowledge insures the greatest good, the broadest scope and the ablest conservation of the United Charities' resources.

Speaking of the work of the United Charities before the Chicago Association of Commerce, when bidding farewell to Chicago, Dean Sumner said:

"In the evolution of our philanthropies out of the Relief and Aid Society and the Bureau of Charities came the United Charities. May I say to you as chairman of the Advisory committee of that board, sitting nearly every week except during the summer months and hearing the most per-

plexing cases presented to the organization, that there is not an organization more complete, more scientifically organized, or more effective and efficient in its work in this whole country than the United Charities. And then when you hear it criticized, especially by people who say the organization gives so little money but it is always investigating, I hope you will remember this part of my address if no other, that the criticism is not a just one.

"I have seen case after case where to give money would be pauperization; where to give money would be disintegration, but where service with education and friendly visiting would mean everything—a family where \$50 given in three months plus \$300 worth of service by trained workers would return the family to a self-respecting and self-supporting basis, taking it off the hands of the community where it otherwise would have remained as a permanent expense. You can do no better than to give your heartiest support to the United Charities."

In November, 1914, the United Charities of Chicago befriended 4,718 families, twenty-seven per cent. more than in November, 1913.

Employes May Become Stockholders

The American Telephone and Telegraph Company has made arrangements by which employes of that company, and of such associated companies as may approve the plan, may purchase shares of stock of American Telephone and Telegraph Company on the following terms:

1. (a) Any employé who on January 1, 1915, has been continuously in the service of Bell Telephone System two years or more may purchase one share of stock at \$110 per share for each \$300 of his, or her, annual wages, but not exceeding ten shares to any one employé.

(b) All purchase-agreements must be filed with immediate superior officers on or before January 30, 1915.

(c) Continuous service and "rate of pay" under this plan shall be determined in the same manner as under the regulations of the Employes' Benefit Fund Plan.

(d) The following table shows the maximum number of shares which any employé may purchase, but any employé may purchase one or more shares up to the maximum he is entitled to purchase:

Employes receiving at December

| 31, 1914, rate of pay equivalent to a rate per year of: | May purchase not exceeding: |
|---|-----------------------------|
| \$ 300.00 or less | 1 share |
| 300.01 to \$ 600.00 inclusive | 2 shares |
| 600.01 to 900.00 inclusive | 3 shares |
| 900.01 to 1,200.00 inclusive | 4 shares |
| 1,200.01 to 1,500.00 inclusive | 5 shares |
| 1,500.01 to 1,800.00 inclusive | 6 shares |
| 1,800.01 to 2,100.00 inclusive | 7 shares |
| 2,100.01 to 2,400.00 inclusive | 8 shares |
| 2,400.01 to 2,700.00 inclusive | 9 shares |
| 2,700.01 or more | 10 shares |

2. (a) Payment for the stock must be made beginning with March, 1915, by installments of \$2 per share per month, which will be deducted from employes' wages until stock is paid for. It cannot be paid in full until after March 1, 1917.

NOTE: In case of employes paid semi-monthly \$1 per share will be deducted semi-monthly. In case of employes paid weekly 50 cents per share will be deducted weekly for the first twelve weeks in each quarter and no deduction will be made in the thirteenth week.

(b) Dividends on the stock will be credited as payments.

(c) Interest will be charged on unpaid balances at the rate of four per cent. per annum, and will be computed and added to the balance at the end of each quarter.

(d) Any rights to subscribe for new stock or other rights of a similar character attaching to stock partially paid for shall belong to the trustees and will be sold at not less than the market value at the time of the sale, and the proceeds will be credited *pro rata* upon the unpaid purchase price of the stock in the hands of the trustees.

(e) At any time after March 1, 1917, any employé may take up all or part of his stock by paying the balance due thereon.

(f) No employé shall pledge or in any manner alienate any interest held by him in stock purchased under this plan, until such stock is fully paid for. A violation of this provision by an employé shall constitute a withdrawal by him from the purchase of the stock in question, and his only right in the premises shall be to have the trustees pay to him, or to the person entitled thereto, the total amount withheld from his wages on account of the purchase price of the stock in question, together with interest thereon at four per cent. per annum, compounded quarterly, and upon such payment the purchase-agreement shall be cancelled.

(g) When stock is fully paid for, it shall be transferred to purchaser. He shall then hold the stock without any restrictions, and with all of the rights of any other stockholder.

3. In case an employé leaves the service before his stock is fully paid for his purchase-agreement shall be cancelled and the net amount paid in and accumulated on his stock shall be paid to him, provided, however, that if he leaves after March 1, 1917, he may, at his option, with respect to each share purchased, either take in cash the net amount paid in and accumulated as aforesaid or pay in the amount still unpaid and take the stock.

4. Any employé whose name is taken off the regular payroll by reason of leave of absence or disability or temporary lay-off on account of reduction of force (all as determined by the regulations of the Employes' Benefit Fund Plan) may at his option (a) cancel his purchase-agreement and receive the amount to which he would be entitled if permanently leaving the service or (b) make payments on his stock by direct remittance to the treasurer of the company by which he is employed or (c) suspend payments for a period not exceeding three months to be made good within the following six months. In case an employé acting under option b or c fails to make payments as provided, his purchase-agreement will be cancelled and he will receive the amount to which he would be entitled if permanently leaving the service.

5. In case an employé dies before his stock is fully paid for his purchase-agreement shall be cancelled and the net amount paid in and accumulated on his stock shall be paid to his legal representatives, provided, however, that if his death occurs after March 1, 1917, his legal representatives may, at their option, with respect to each share purchased, either take in cash the net amount accumulated as aforesaid or pay in the amount still unpaid and take the stock.

The trustees hereinafter mentioned, in their discretion, without requiring administration on the estate of the decedent,

may make repayments or transfers of stock to the person or persons entitled by law to his estate.

6. If for any reason other than leaving service, temporary absence or death any employé desires to withdraw from his purchase-agreement as to one or more or all shares he may file application to that effect stating his reasons for wishing to withdraw and if application is approved by trustees the total amount withheld from his wages as to each share given up together with interest thereon at four per cent. per annum compounded quarterly shall be repaid to him and the purchase-agreement cancelled.

7. Pensioners shall not be entitled to purchase stock under this plan, but any employé who becomes a pensioner after filing his purchase-agreement may elect to continue payments on his stock or to cancel his purchase-agreement and to receive the amount to which he would be entitled as if permanently leaving the service.

8. (a) Stock purchased will, until fully paid for, be held by three trustees and their successors to be appointed by the board of directors of the American Telephone and Telegraph Company.

(b) The trustees (or the board of directors of the American Telephone and Telegraph Company) will have the power to make, from time to time, changes in details of the plan that are not, in their judgment, prejudicial to the purchasers.

(c) The decision of the trustees shall be final with respect to the rights or interests under this plan of the employes collectively or individually.

9. An agreement will be entered into with each associated company which so desires by which its employes may purchase stock on the same terms as employes of American Telephone and Telegraph Company. The obligation of any associated company with respect to the plan is limited to certifying as to the right of its individual employes to purchase stock under the plan, the deduction of the amounts directed by such employes from their wages, the forwarding of amounts so deducted to the treasurer of American Telephone and Telegraph Company, and doing whatever may be necessary locally and with respect to its own employes in carrying out the plan.

A printed circular giving full details of the above plan was delivered to every employé of the central group on or shortly after January 1st. In connection with the details of the plan the circular said:

"The purpose of this plan is to give employes of the Bell System an opportunity to become part owners of the business by purchasing stock of American Telephone and Telegraph Company on easy terms.

"The date when the stock will be fully paid for depends on the rate of dividends as well as on the regularity of the \$2 per share per month payments. American Telephone and Telegraph Company has paid in dividends for the past seven years \$2 per share per quarter, or eight per cent. per annum, on the par value of \$100 per share, and if future dividends are at the same rate and the \$2 per share per month is regularly paid, the stock will be fully paid for by November, 1918.

"The company has earned every year a substantial margin above its eight per cent. dividends, even in troubled years such as 1907 and 1913. So far as the future can be foreseen, it is believed that this dividend rate will be continued, but this cannot be guaranteed. It depends on the company's continued ability to earn the dividends, and this, in turn, rests to a large extent on the loyalty and

efficiency of each employé in every Bell company.

"No employé is under any obligation to purchase stock, and no official is permitted to urge his subordinates to do so. The present standing and future prospects of an employé will not be affected in the least degree by his decision as to the purchase of stock.

"The only act necessary by an employé who desires to purchase stock under this plan is that the purchase-agreement form be signed by him (or her), the number of shares filled in, and the form filed with his (or her) immediate superior officer on or before January 30, 1915."

Side-Lights on Government Ownership of Telephones

Practice vs. Theory

Does It Really Pay?

With representatives of trade unions opposing government ownership on the grounds that the government "was the shabbiest of all employers," and Frederic C. Howe, commissioner of immigration, championing the principle, the members of the National Civic Federation listened to a five-hour debate at the afternoon session of the federation in the Hotel Astor recently.

While Commissioner Howe advocated municipal ownership, F. R. G. Gordon, a member of a shoemakers' union at Haverhill, Mass., spoke against it. Professor Jeremiah W. Jenks took a middle ground in which he advocated the searching of each specific problem presented for its basic facts.

"Take this case of the parcel post," Professor Jenks said. "Here we have the government carrying parcels cheaper than the express companies, but we get no data whatever as to whether the actual cost to the government for delivering this service is less than the cost to the express companies. It does not seem improbable that the difference in charges between the two services is made up by the low rates forced upon the railroads against their will, or by shifting the burden upon other branches of the post office service or upon the taxpayers.

"On this whole field of governmental activity no principles have been definitely established on a fact basis. A brief investigation made some time ago with the aid of some hundreds of shippers as to the relative efficiency in many directions of handling express and parcel post matter, showed that, although the parcel post had the advantage in cheapness, in all other particulars—speed, convenience in pick-up and delivery, care in transit, cost of insurance, tracing of lost packages, adjustment of claims—the express companies had the advantage.

"We need identical systems of cost accounting so that we may judge between the private enterprise and the same enterprise under government control. On the basis of present meagre knowledge I am opposed to the state doing some of these things."—New York Times, December 5, 1914.

Evanston Man's Experience.

An official of Northwestern University, at Evanston, Ill., recently related the following experience to District Manager H. B. Gates:

"I took up the telephone in the hotel

office at Wellington, England, to call the telegraph office and send a cablegram. The young lady clerk at the desk asked me what I wanted. I told her. She replied that the office was only three blocks away and it would be much quicker to walk down there. I also had a similar experience in another city where I found I could go half a mile quicker than I could telephone. As a result of such experience, I am not in favor of government ownership."

State Owned Systems a Proven Failure

The firm conviction of the Department is here reiterated that telegraph and telephone service is inevitably monopolistic and when operated under private control does not render the maximum of public service at the minimum cost to the whole people.—From the annual report of Postmaster-General Burleson.

Despite the "conviction of the Department," the evidence is all the other way. State owned telegraph and telephone systems are a proven failure in every European country, especially in England and France. They are everywhere more expensive than in this country. The service is slow and bad. The employés are in many cases overworked, underpaid and discontented. A year or two ago they all went on strike in France, where the telephone subscribers are always on strike. Shortly before the war broke out there was an agitation in England for living pay and fair treatment; the public are always on strike against oppressive regulations and bad service. In Italy a few months ago the telegraph and telephone operatives, like the state owned railway servants, were riotously on strike. Public wire ownership has been most extensively tried and invariably with the worst possible results. In this country it would unquestionably cost millions more and couldn't be more satisfactory than the present admirable and cheap telegraph and telephone services.—New York Sun, December 15, 1914.

Close Trimming

James Harmon, a telephone lineman, employed by the Rushville (Ind.) Co-operative Telephone Company, while trimming a tree, sawed off a limb on which he was sitting, between himself and the tree. Fortunately for Harmon, there was a creek beneath him and he fell ten feet into the cold water.

Advance Collection Reasonable

Telephone companies are justified in collecting rentals quarterly in advance according to a recent decision of the Public Service Commission of Ohio. The point was decided on a case from Cincinnati.

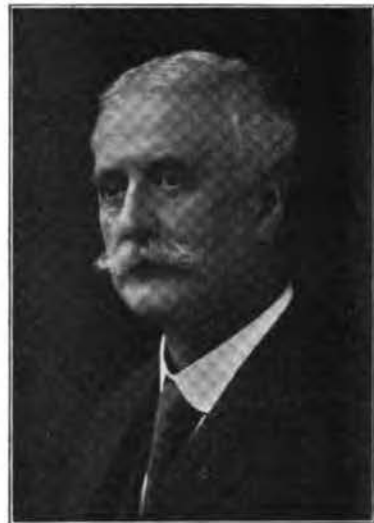
Obituary

B. F. LLOYD, aged sixty-two years, of the Central District Telephone Company, Pittsburgh, Pa., and a well-known old-time telegrapher, died in that city November 8th. In 1882 he became manager of the Pittsburgh office of the Western Union Telegraph Company and later was appointed superintendent of news service at Washington for the United Press. He afterwards became manager at Chicago. He entered the telephone field in 1902 as Ohio superintendent for the Central Union Telephone Company, and in 1912 he went to Pittsburgh. Mr. Lloyd was a member of the Old Time Telegraphers and Historical Association and of the Telephone Pioneers of America.

Death of General Sherwin

GENERAL THOMAS SHERWIN, chairman of the board of directors of the New England Telephone and Telegraph Company, and for twenty-five years president of that company, died in Boston, December 19th. He was in his seventy-fifth year.

Thomas Sherwin was born in Boston, July 11, 1839. He was educated in Boston Latin School and Harvard University. He was master of the Houghton school at Bolton at the time of the outbreak of the Civil War. He was elected captain of a company of young men who enlisted



GENERAL THOMAS SHERWIN.

from that and neighboring towns. Later he was commissioned first lieutenant and adjutant of the Twenty-second Massachusetts Infantry. He was promoted June 28, 1862, to major and on October 17, 1862, to lieutenant colonel. On September 30, 1864, he was brevetted colonel of volunteers "for gallant services at the battle of Peebles Farm, Va.," and on March 13, 1865, received his final promotion to brigadier general "for distinguished gallantry at the battle of Gettysburg and for gallantry and meritorious services during the war."

General Sherwin resumed his profession of teaching and for a year was instructor in the Boston high school, of which his father was principal. From 1866 to 1875 he was deputy surveyor of customs and in 1875 was made collector of the port of Boston.

In 1883 General Sherwin became auditor of the American Bell Telephone Company and two years later was elected president of the New England Telephone and Telegraph Company.

About six years ago General Sherwin gave up the active duties of the executive administration of the affairs of the New England company, and was succeeded as president by Jasper N. Keller. Philip L. Spaulding became president about two years ago. Commenting on the death of General Sherwin, Mr. Spaulding said:

"General Sherwin was a brave and brilliant soldier during the Civil War, and a man of the highest character and ability and charming personality. His death is a great loss, not only to the community but to the telephone interests over the whole country."

Department of Sports and Recreations

Doings of Telephone People in the Field of Athletics and Pastimes.

Bell Telephone Bowling League

STANDING OF THE TEAMS

December 17, 1914.

| | Won. | Lost. | Per cent. |
|---------------|------|-------|-----------|
| Commercial | 29 | 7 | .806 |
| Installation | 28 | 8 | .778 |
| Construction | 27 | 9 | .750 |
| Maintenance | 24 | 12 | .667 |
| Supply | 21 | 15 | .583 |
| Const. Supt. | 21 | 15 | .583 |
| Revenue | 19 | 17 | .528 |
| Traffic | 15 | 21 | .417 |
| Engineers | 15 | 21 | .417 |
| Sub. Com'l. | 12 | 24 | .333 |
| Disbursements | 12 | 24 | .333 |
| A. T. & T. | 12 | 24 | .333 |
| Plant Acctg. | 10 | 26 | .278 |
| Collectors | 7 | 29 | .194 |

Bowlers of the Bell Telephone Bowling League of Chicago are back at the game after a recess filled in by the city tournament. The Commercial team holds first place by a hair, at the time of this writing, with the Installation and Construction teams close contenders. Lundgren of the Constructions, has the highest individual average, 187 plus 21 pins. The high game of Hansen, of the Installations, 267, still stands as the season's record.

A Bowling Flurry

Along about the first of September "Dad" MacFarlane, president of the Pontchartrain Bowling League of Detroit, and also a member of the auditing department of the Michigan State Telephone Company, was seized with the idea that he had the "makins" of a bowling team right in his department, so he promptly organized one and challenged all other departments individually and collectively.

Now this struck Clarke of the traffic department as a fine idea (for let it be known that Mr. Clarke is also a bowler), whereat he began searching for available material and finally got together the now famous team known as the Traffic-Engineering. November 21st was the date set for the initial contest and the "Woodward Drives" as the scene of action. At 2 o'clock both teams being on hand, the battle was opened by Murray of the Traffic and Froelck of the Auditing, and for the next two hours the sounds of conflict and cries of the wounded were terrible. But when the dusk had settled it was found that the Traffic-Engineering had decisively defeated the Auditing and had even surprised themselves.

This taste of victory greatly strengthened the Traffic-Engineering, who were immediately challenged by the commercial department headed by "red" Ellis, for a contest November 28th.

A weak spot had been found on the Traffic-Engineering team and from what had been heard of the Commercial team's ability it was seen at once that this spot should be reinforced, and as the traffic department had exhausted all of its available material Mr. Locke of the engineering made a hurried search in his department and discovered Mr. Walmsley, who proved to be the find of the season, for in the second gam, which was held at the Cadillac alleys, his rapid fire and unerring aim proved to be a deciding factor in the Commercial's defeat, they being routed with great loss—both of courage and "munitions" of war.

It was thought that after this defeat the bowling war was over, but the Commercial thought they still had a chance. However, on December 12th it was proven

that this chance was very small, as the Traffic-Engineering team, working for the first half of the battle without the services of their machine gun, Walmsley, easily won the first two strings and then being slightly tired, let the Commercial win the third. This gave the Commercial new hope, and, buoyed up by Mr. Heywood's unflagging ardor they proposed a fourth string as a consolation. This enraged the Traffic-Engineering army, which at once accepted the challenge and disdaining all accepted usages of war charged the Commercial for a final victory, riding through, over, and thoroughly scattering their remaining forces.

At the present writing the Traffic-Engineering team is still supreme and it has been whispered that a challenge from Chicago would be considered.

Bowling Tournament at Cleveland

The fun has started in Cleveland. Any Monday or Tuesday evening from now until March you may witness the bowling prowess of Cleveland Telephone Company employes at the Century alleys on East Fifty-fifth street. The officers elected for the season, who will guide the destinies of the Cleveland Telephone Bowling League are H. S. Berlin, president; T. W. Johns, secretary, and J. D. Templeman, treasurer. The eight teams that comprise the league represent the contract, collection, engineering, traffic, construction, installation and maintenance departments and A. T. & T. company.

A schedule of games has been drawn up by the captains and each department is anxiously watching their representatives on the alleys, to see how many "strikes" they can make.

Outlaw Bowling League

At a meeting of bowlers in the Suburban division on December 12th organization of the Outlaw Bowling League of the Suburban division, Chicago Telephone Company, was perfected. Eight teams were enrolled and it was decided to hold a tournament to consist of a series of fourteen games, four teams bowling on each scheduled night. Tuesday evening was selected as the most agreeable time for games and Benzinger's new alleys on Madison and Clark Streets will be used.

Following are the names of officials and committees of the Outlaw League:

Officers: R. C. Luepke, president; F. E. Chandler, vice president; P. J. MacLindon, secretary; A. Arndt, treasurer.

Committee on Arrangements: J. Vranek, F. E. Chandler, Wm. B. Kent.

Committee on Rules: B. A. Pratt, H. W. Bang, A. J. Covert.

Following are the teams and members: Goats (District Managers)—C. P. Corning, captain; H. B. Gates, J. C. Wylie, O. A. Krimbill, A. C. Rhoades. Substitutes: J. H. Conrath, A. H. White.

Pirates (Suburban Commercial)—A. S. Sailor, captain; O. W. Krueger, A. L. Simpson, E. B. Scott, R. C. Luepke.

Bandits (Suburban Commercial)—L. M. Larson, captain; A. S. Lisle, P. J. MacLindon, J. G. Nader, P. C. Andersen.

Highbinders (Suburban Commercial)—William B. Kent, captain; R. E. Lamm, George Arndt, F. A. Judd, B. A. Pratt.

Repeaters (Suburban Plant)—J. M. Hanson, captain; L. C. Jones, H. McDonald, M. W. Newcomb, E. S. Simmons.

Raiders (Suburban Plant)—J. Vranek, captain; A. J. Covert, E. Krafft, A. Arndt, T. Rashman.

Wreckers (Suburban Plant)—R. J. Arditt,

captain; F. A. Mitchell, A. J. Olson, J. A. Penn, J. P. Hanson.

Highbrows (Suburban Traffic)—F. E. Chandler, captain; H. L. Hamm, F. A. de Peyster, E. J. Vermllyea, H. W. Bang. Substitutes: C. H. Vial, B. Baccl, C. Kennelly.

In the organization of this league and tournament play, efforts have been made to equalize teams. It is primarily for the promotion of good-fellowship and a fraternal feeling. No prizes are offered. It is probable that a banquet will close the season.

The following shows the standing of the clubs on December 19th:

| Team. | Won. | Lost. | Per cent. |
|-------------|------|-------|-----------|
| Repeaters | 3 | 0 | 1.000 |
| Raiders | 2 | 1 | .666 |
| Highbrows | 2 | 1 | .666 |
| Wreckers | 2 | 1 | .666 |
| Highbinders | 1 | 2 | .333 |
| Pirates | 1 | 2 | .333 |
| Goats | 1 | 2 | .333 |
| Bandits | 0 | 3 | .000 |

Bowling at Waukegan

On Friday evening, December 18th, the Waukegan forces bowled their third game. Up to this match, out of the fifteen games played the difference was only fifty-six pins. There are ten teams, captained by H. E. Eldridge, C. T. Ford, C. F. Moran, F. L. Young, E. H. Smith, F. R. Crum, B. W. Jones, F. Johnson, W. Bidinger, and E. Potter. On December 18th, Mr. Eldridge's team won from Mr. Crum's team.

Banker Gets Free Ride

Chicago and Northwestern train crews furnished free transportation recently to the cashier of the Powers Bank at Powers, Mich., and the railroad commission is not making any trouble about it whatever.

It all happened during a fire which caused considerable damage in the village and threatened for a time the destruction of the exchange equipment of the Michigan State Telephone Company, which occupied a building owned by the local manager, Mrs. M. Prince. Crews of three Chicago and Northwestern trains came to the assistance of the villagers who were doing all in their power to save property and keep the flames from spreading. Several of these big strapping men came into the telephone office and began removing the furniture. One of the things which they were bent on saving was the long-distance booth. This was picked up and carried out of the building into the street where it was placed on the sidewalk very carefully. The booth door was then opened and out stepped the cashier of the Powers Bank, who had been communicating with the fire chief of Gladstone, only a few seconds before.

The telephone exchange was not destroyed owing to the favorable direction of the wind. Mrs. Prince and her sister, Josephine Archibald, showed great pluck, calling up surrounding towns, asking for help, while flames surrounded the building.

What Next?

An Evanston woman subscriber recently called at the office and asked for a shelf on which to rest her elbows while talking over the telephone.

An Indianapolis woman called up to advise that the installers who put in her desk set had failed to leave her a desk.

Of Interest to Our Girls

Conducted by Mrs. F. E. Dewhurst

Are New Year Resolves a Joke?

So much fun has been made of New Year's resolutions that we fear they will go out of fashion. This ridicule, however, is not really at the *good resolution*, but at the *bad execution*. But is it not better to aspire to something even if we don't quite reach it? Is it not better to be dissatisfied with the places where we have failed to reach the ideal set in 1914 and make another resolution for 1915.

"Our greatest glory is not in never falling, but in rising every time we fall," says the old Chinese proverb, and it has lots of truth in it.

The little child learning to walk, will fall many times, but ultimately he walks because he rises from every fall and goes at it again, and there are hands ready to help him rise, for there are those who have faith that he was made to walk and that it is only a question of a little time, a few hard bumps, and away he will go free and independent.

The expression "falling down on the job" suggests the help that the ideal supervisor can give her girls who stumble once in a while as they tread the telephone path. She knows that however good the intention and strong the determination, there may be an occasional "fall down," and she will meet it with the friendly helping hand, the advice which strengthens rather than discourages. Such help will produce a new resolution in the day of failure instead of spirit of despair or indifference which makes us say "It's no use to try."

There is a kind of good resolution which we may ridicule and only one, and that is the kind that never appeals to the will—the kind that is mere thought and pleasant sentiment. As the old year rings out with its twelve solemn strokes, we feel for the moment the significance of passing time and we think we must try to make 1915 better than the past year. But we do not apply the thought to actual life. It is sentiment but not life.

"To say 'I'll try' is good intent,
And may be fills the bill.
But he who makes the most of life
Has always said 'I will!'"

I resolve is stronger than "I'll try," it means will power—and there is another word stronger still, *I must*.

"Ah, the key of our life that passes all wards, opens all locks,
Is not I will, but I must, I must, I must,—
and I do it."

Let us add *try—will—must* to our vocabulary and make our New Year happy by entering each day with the tread of the conqueror for we are sure that the One who inspires the good thoughts will be the energy to carry them out.

And let us not forget to reach out the helping hand to those who sometimes stumble. Possibly by withholding it we may give a push which will cause the fall from which our neighbor cannot rise.

And let us strengthen our resolves

with this truth that "The whole world unites in pushing us the way we have really made up our mind to go."

News From the Girls With the Christmas Spirit

"When the little lights go twinkling on my switchboard every day, you can hear each girlie say, 'This is not the time for play,'
With the nimble fingers plying and the 'Number, please?' replying."

they were yet not too busy before Christmas to let their hearts go out to those less fortunate than themselves. In nearly every office girls knew of some needy families whose Christmas would

be received later made up more baskets for New Year's.

Kedzie girls found some families so poor that they are following them up and have been splendidly aided by the men of the plant department in their office, who gave to the most destitute coal and clothing necessary for their comfort.

More than 300 baskets were delivered, besides gifts of money, coal and clothing. There has never been a year when the girls have been more enthusiastic and responded more generously in personal giving.

Main, West, Kedzie, Calumet, Humboldt, Canal, Douglas, Belmont, Lake View, Wentworth, Oakland, Lincoln, Irving, Central and Austin sent baskets and personal contributions. Prize money amounting to \$250 was given by eight of the offices. A very generous contribution of \$80, made by the men at the Monday luncheon, was used in filling some of the baskets.

From all over the territory came stories of generous giving by girls in other divisions. These are noted in more detail in the items from the correspondents.

The telephone gifts from everywhere set an example of practical charity this year which will do even greater good than the acts themselves.

A Tribute to Our Operators

At the luncheon given by President Sunny to the officials and heads of departments of the Chicago company, Thursday, December 24th, a beautiful tribute was paid to the operators. Mr. Hill, the vice-president, after speaking of the splendid way in which the different departments met their work, called on the company present to rise and drink the health of the telephone operators who at that very moment, unseen to all, were giving such good service to the city. The company rose and drank their health (in water) and Mr. Hibbard led the chorus. "When the little lights go twinkling on my switchboard every day."

Everyone joined while they thought of the thousands and thousands of girls who all over the city and all over the country were at that moment handling the many calls of the day before Christmas.

Operator Gives Timely Warning

Kate Nurvell, a telephone operator at Mounds, Okla., sat at her board on December 18th when drop No. 418 clicked. There was no response. Miss Nurvell started to replace the drop when she heard a woman's voice say:

"Don't, I'll tell you where it is."

Alarmed, Miss Nurvell called the police, who went to the home of Fred Allen, a hardware dealer, and found a negro choking Mrs. Allen because she would not tell him where she kept the family valuables.

In her struggle with the negro she pulled the receiver down, which gave the signal to the telephone office.

Happy New Year

A Happy New Year to all the girls whose eyes rest upon this page of the BELL TELEPHONE NEWS. May the "Big Blue Bell" sound a cheerful note in the chimes that ring in your New Year. May your days be as full of joy as they are of service. May the connections you make bring satisfaction to millions of unknown friends, whom your helping hand will bring together. May you have as many bright stars over you to guide your way in 1915 as you will see twinkling on your switchboard every day. May the New Year be happy because it gives opportunity for service to others and "may the highest point of achievement of yesterday be the starting point for to-day."

be forlorn and they brought the names to the office, where the cases were investigated and the most needy were chosen for the gifts which were collected for distribution. Never have the girls been more generous nor the baskets more heavily loaded.

At Main Office in Chicago 120 baskets were filled under the able management of Mrs. Regan, and at this office and with all of the others, Miss Casey worked hand in hand cooperating in every way in making the money given go as far as possible in buying good things to fill the baskets.

Many of the offices voted to contribute to charity the prize money they had received for good service, rather than to use it for their own pleasure.

Douglas girls voted to contribute the fruit supplied the office for luncheons two days to add to their baskets, and potato day brought in a good supply of potatoes, all being "hand picked." Many girls brought good things from home. Some dressed dolls and brought them, and home-made cakes were a feature in Belmont baskets. The girls at Wentworth formed themselves into a Good Fellow Club of their own and not only contributed money, but many good things from their homes and tickets also for coal.

Some of the girls who went out from West Office were so moved by the destitution they found in homes that they came back in tears, and with money they re-

MARGARET MACKIN HYATT

The face that looks out from this page will meet with the friendly recognition of all the officers of the Chicago Telephone Company and of thousands of employes who for many years have been associated with Mrs. Hyatt. And far out beyond the circle of this Company in homes scattered throughout Chicago city and beyond, there are many who would recognize and rejoice to see the face of one whom they may have known first in a business relation but who became by such association a friend.

Mrs. Hyatt has given thirty-two years of service to the company and has resigned her position in the traffic department to take effect January, 1915. Mrs. Hyatt began her service with the Chicago Company in 1883, when she entered No. 2 office as an operator. This office was located at 125 La Salle street. There were at that time eight offices.

In 1888 Main Office was opened in the Telephone Building erected on the corner of Washington and Franklin streets, and offices 2, 4, 5 and 7 were merged into one exchange which seemed at that time immense. The entire force of the city was about one hundred operators, which has grown now to nearly seven thousand.

It will be seen that Mrs. Hyatt, beginning with the company in those early days had the opportunity to become closely identified with the growth and improvement of the telephone system. In fact, she has been not only one of the most interested observers; she has been one of the most interested coöperators in testing new ideas. To her bright mind there was something fascinating in those early days. She was not merely an operator doing a day's work without any special interest in the way it was done, but she was wide awake to the fascinating possibilities of this new invention. Each new step in the simplification of the methods of transmission was thoroughly understood by her and no official was more interested in getting the best results than was she.

Her promotions from operator, supervisor and chief operator to manager of Central exchange—at that time the largest in the world—was natural, for she not only knew the technical part of the business quite as well as any man, but she knew people, and her relation with other employes proved that she had that fine faculty which gave her authority and still held the friendship and loyalty of those under her.

In her last position from which she now retires, Mrs. Hyatt has acted on the advisory staff of the traffic superintendent's office, and all of the exchanges have become so accustomed to seeing her that it can be said that there is no woman in the Chicago Company who is so well

known by the entire force. In this position Mrs. Hyatt has given valuable service to the company in lecturing before the supervisors and in observation work for which she was eminently fitted.

But after all is said about the efficiency of Mrs. Hyatt as a telephone expert, and she has been styled by one whose estimate is authoritative "the greatest telephone woman in the world," there is still much more that can be said about the personality which has made her successful in the prominent positions she has occupied in the telephone work. Beyond that fine intelligence which gave her insight into the mysteries of telephone technique there is the genial and sympathetic na-

ber of several social and philanthropic clubs in the city in which she has found time to be of service.

Mrs. Hyatt has not only rendered more than thirty years of splendid service to the Chicago Telephone Company, but she has set an ideal before every aspiring telephone operator. She has achieved success by taking interest in her work. She has had a happy life because she did take an interest and she is retiring with a broad education which fits her to enjoy the years to come.

Saves Sick Woman

The prompt action of a telephone girl employed at the Irving exchange of the Chicago Telephone Company probably saved the life of Mrs. Josephine Tennyson, 4121 North Mozart street.

The story of her experience is told by Mrs. Tennyson who has just recovered from her illness. Out of gratitude she notified officials of the telephone company of the occurrence.

The girl in the case is Miss G. Bolduan, a supervisor at the Irving office. Mrs. Tennyson, suffering sudden and severe illness, rushed to the telephone and tried to ask the operator to summon her family physician, but before she could finish the message she fainted.

The operator caught the name "Farlander" and then was startled by the sound of a receiver falling and the thud of a body striking the floor. She quickly called the supervisor, Miss Bolduan, who immediately ascertained the street address from which the call had come. She then looked up Dr. Farlander's number and hurriedly called his office, but was informed he had just left for the hospital.

Realizing the necessity of haste, she did not try to get the hospital, but called up another physician, and still another, until she reached Dr. Yeakel, to whom she stated the case. Dr. Yeakel hurried to Mrs. Tennyson's home, where he found her unconscious. The prompt medical aid obtained by the telephone girl was the means

of forestalling a serious illness.—Chicago Tribune, December 20, 1914.

Our Popular Fashions

So many orders are coming in for the patterns shown in our fashion plates that it looks as if our girls were as efficient in dressmaking as in business. At least they are availing themselves of the pretty styles and excellent patterns which the News provides at such reasonable rates, and that shows good sense.

Many expressions of satisfaction are heard and one young lady who looked particularly neat in a nice silk waist which fitted her perfectly, when questioned as to where she bought it, said: "Oh, I made it by a Bell pattern and it cost me \$1.40, which included the six cents for the pattern."

That speaks for itself.



MARGARET MACKIN HYATT.

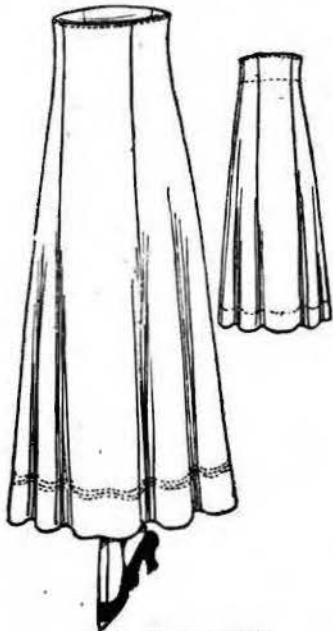
ture which has brought her in touch with the people with whom she has worked. Her quick sense of humor is one of her delightful qualities, an asset which is invaluable in business as well as in other walks in life. Her fairness and broad-mindedness make her an ideal manager. She was said to be just and any girl was sure to find her ready to hear her side of a difficulty.

Mrs. Hyatt also proves that a woman can enter business at an early age, remain in it many years and still retain the charm of womanliness. She also proves that a business career need not confine one to a narrow groove in life. During these years of service, vacations and furloughs have allowed time for extensive travel and her habits of observation made her gain the most from her journeys, while her ready sympathy enlarged her circle of friends. She is a valued mem-

FOR THE GIRL WHO SEWS

SIX PIECE SKIRT IN LATEST LINES

Here is one of the new skirts. In the picture it is plain, but, of course, the individual taste and invention of the maker will suggest additions of trimming or modifications of line. This model



8490-A Six-Piece Skirt, 24 to 34 waist.

gives a hint of the spring skirt shape, of which an essential feature is likely to be a wider bottom with a flare.

For the medium size will be needed 8 1/4 yds. of material 27 in. wide, 4 1/2 yds. 36 or 44, 3 3/4 yds. 54, if material has figure or nap; 5 1/2 yds. 27 in. wide, 3 1/2 yds. 36, 2 3/4 yds. 44 or 54, if material has neither figure nor nap, width at lower edge 2 yds. and 30 in.

The pattern No. 8490A is cut in sizes from 24 to 34 waist measure. It will be mailed to any address by the Fashion Department of this paper on receipt of six cents in two-cent stamps. Use pattern coupon on this page.

A SMART WAIST IN MILITARY STYLE

Everything that suggests the military is fashionable. Here is a waist that is trimmed with braid to give just that effect. It is exceedingly simple and it is one of the most practical and available blouses that could be found. Here it is made of light weight wool material, with skirt to match, but it is just as desirable for the odd blouse to be worn with the tailored suit and for such use it would be pretty made of the simple silks as well as of woolen materials. The braid banding together with the buttons and the loops of braid that effect the



8532 Military Waist, 34 to 42 bust

closing are exceedingly handsome, but the waist nevertheless is complete without and can be trimmed and finished in any way that may be liked. Washable materials are being made up just now, and white linen would be handsome with bands of blue, or blue with white, and the cotton crêpes would be pretty in the same way. The back is perfectly plain, and each front is laid in a tuck to provide fullness. If preferred, the sleeves can be made shirred.

For the medium size will be required 3 1/2 yds. of material 27 in. wide, 2 1/4 yds. 36, and 2 yds. 44, with 2 1/2 yds. of braid.

The Pattern No. 8532 is cut in sizes from 34 to 42 bust measure. It will be sent to any address by the Fashion Department of this paper on receipt of six

EMPIRE COAT FOR MISSES AND SMALL WOMEN

Here is a coat in the pleasing new style which demands a somewhat fuller skirt, flared slightly at the bottom, which is a feature of the newest garments. The



8513-A Empire Coat for Misses and Small Women, 16 and 18 years.

PATTERN COUPON

Fashion Department, BELL TELEPHONE NEWS, 212 West Washington St., Chicago, Ill.

Enclosed find.....cents in 2-cent stamps for which please send me patterns listed below:

No.....Size.....

No.....Size.....

The price of each pattern shown in this issue, to employes of the Bell System, is six cents when order is accompanied by this coupon. Write name and address, and number and size of patterns plainly. Enclose six cents in 2-cent stamps for each pattern ordered.

Name

Address

City or Town.....

State

pattern is perforated for shorter lengths if desired.

To make the coat will require 6½ yds. of material 27 in. wide, 5½ yds. 36, 4¼ yds. 44, 3 yds. 54, 4 yds. of fur banding, for longer coat; 4 yds. 27 in. wide, 3 yds. 36, 2½ yds. 44, 2¾ yds. 54, for shorter coat, for 16-year size.

The pattern 8513A is cut in sizes 16 and 18 years. It will be sent to any address by the Fashion Department of this paper on receipt of six cents in two-cent stamps. Use pattern coupon on Page 19.

FOR REAL COMFORT IN THE HOME

There is no garment that contributes more surely to cold weather comfort than such a dressing gown as this one. It is easy to slip on and is made of a pretty material, is extremely becoming and attractive. It is easy to make and can be utilized for a bath robe as well as for the dressing gown. The body and skirt portions are cut in one and the fullness is



8504 Dressing Gown,
34 or 36, 38 or 40, 42 or 44 bust.

held by means of a ribbon at the waist line. The pockets mean real comfort and real convenience. Many women like light weight flannels for such garments and cashmere also makes up prettily in this way and there are many crêpes that are appropriate. In the picture, however, dark red cashmere with collar and cuffs of ivory white are used. Albatross with lining of silk makes a thoroughly fashionable as well as attractive gown, and incidentally albatross gives opportunity for the use of color, for it is just thin enough to suggest the tint of the lining.

For the medium size will be required 7¼ yds. of material 27 in. wide, 5¼ yds. 36 or 44 in. wide, with ¾ yd. 27 in. wide for collar and cuffs.

The pattern No. 8504 is cut in three sizes, small 34 or 36, medium 38 or 40, large 42 or 44 in. bust measure. It will be mailed to any address by the Fashion Department of this paper on receipt of six cents in two-cent stamps. Use pattern coupon on Page 19.

The Telephone Girl

Disasters by flood, by earthquake, by fire, by war, convulsions of nature and ferocities of man, overturn suddenly the accustomed order, and each individual acts according to what is in him. It is hard to keep your head about you when the foundations are uprooted. Some men become cowards, some heroes, some momentarily insane. But whenever such a disaster is recorded in the newspapers there is always one figure that remains fixed; the same story is always told about one of the characters in it, and it is always a story of coolness in the midst of frenzy, devotion to duty when duties are forgotten with everything else, invariable courage where the courage of other human beings varies very much. A humble figure, not incited by high pecuniary reward or the hope of fame; the figure of the telephone girl.

The dam breaks at Austin and the water sweeps down the valley, wiping out houses and leaving a bare space where they had been. A telephone girl sees it coming, stays at her post, and rapidly gives warning to as many as she can. The great flood of 1913 wrecks Dayton, Columbus and the other Ohio cities; but the telephone girl, with her whole accustomed world rushing down around her, stays in the heart of the flood, working night and day, cool-headed, intrepid, not in the least appalled, giving warning that others may flee, and when warning is no longer needed still staying there to report the progress of the waters and give information where help is to be sent. In every disaster the story is always the same.

It is the uniformity, the entire lack of any exception to the rule, that makes the story of the telephone girl in times of stress so noteworthy. And with this long record back of her there is nothing surprising in the story that came from Belgium at the beginning of the war of the telephone girl at Dahlen, or the one printed about the Russian girl at Novorossysk. The Belgian girl observed the battle going on around her, undisturbed by the danger she was in, and telephoned the officers at the forts "that they were not properly placing their shells." Guided by the instructions over the telephone, they changed the direction of the fire and "regulated it effectively." She continued to direct the Belgian fire until a German shell destroyed the office in which she was and killed her.

The Russian girl whose story was published the other day stayed at her post when everybody else had fled and did her

work with shells falling all around her. The decoration "for valor under fire," which General Babitsch intends to get for her, was never more worthily granted to any soldier. The telephone girl at Novorossysk and the telephone girl at Dahlen kept the traditions established at many a fire and flood. How shall we account for their record without an exception? There is nothing in the telephone girl's training to explain the way in which, at every time of peril, this cool, dauntless little figure appears on the scene, solid as a rock in the midst of chaos. Not paid for risking her life, she confounds those who measure everything by money; she expects and gets no fame, and her courage and efficiency are instinctive. Let us not try to account for her, but simply take our hats off to her.—*New York Times*, December 2, 1914.

Michigan's Prize Nose

Petoskey, Mich., has a telephone subscriber with an unusually well developed sense of smell, according to Wire Chief H. A. McIntyre, whose veracity in the matter there is no reason to question.

Mr. McIntyre says a subscriber recently called him and related that subscriber's wife recently called a relative eight miles in the country. The transmission was excellent. The ticking of a clock could be heard distinctly. Finally the Petoskey subscriber said, "You are baking bread, are you not?"

"Yes," replied the other, "how did you know it?"

"I can smell it burning," was the startling reply.

It turned out that the bread actually was burning and the woman cannot be convinced that she did not really smell it.

Timed Her Conversation

While I was working as a long-distance telephone operator a woman (a very wealthy one) put in a call for a town a short distance away. The rate on calls out of town was so much for three minutes and an additional charge for each minute over three.

After she had finished her conversation she called to ask how much her bill was. I told her she had talked one minute overtime.

She said: "Central, that cannot be, for after I got through I sat down and repeated every word I said to the clock, and it did not take me even three minutes to say it, and I won't pay for the extra minute."—S. M. S. in *Chicago Tribune*.

Fashion Note

At Albion, Mich., the manager recently received a notice that a telephone was "dead." The repairman was immediately sent out to breathe life into it. When he arrived on the job, he applied the usual tests known to telephone science but the instrument refused to come out of its state of coma. Finally the repairman let his "eagle eye" encircle the room. He discovered that about ten feet of the interior wire was missing. The subscriber informed him that the milliner next door needed about ten feet of wire to complete a hat, which the obliging subscriber had supplied.

A Simple Request

A rural subscriber near Waukegan, Ill., asked to have her telephone number the same as her automobile number, which was H-2001.

Exchange of Exchanges

Waukegan, Ill.:

On the first day subscribers were asked to deposit one cent federal tax, a Highland Park subscriber deposited five cents. "The voice with the smile wins" has been posted on the bulletin board with good results.

Subscriber—"145."

Operator—"Waukegan 145?"

Subscriber—"Yes, Waukegan, Ill., Lake County, United States of America."

Customer—"May I use your telephone?"

Clerk—"Yes, sir; directions on the transmitter."

Subscriber, watching installer—"Do they still put gunpowder in these transmitters?"

A local installer at Waukegan was detailed to bring to the stock room a cordless switchboard, which had been disconnected by a P. B. X. man. He brought it to the store room promptly at 5 o'clock and requested the Wire Chief to call off the order while he checked it up. Everything went all right until the wire chief called off one trunk circuit. The installer looked everything over, and said, "I don't believe that was there; I didn't see it anywhere, but I'll go back and look for it."

About 5:20 p. m. he returned and said—"I went over and looked in every room and couldn't find it; the girl said she hadn't seen it about."

Gardner, Ill.:

A little boy was down town and called up his mother:

Operator—"Number, please."

Little Boy—"I want my mamma."

Operator—"Who is your mamma?"

Little Boy—"My papa says, 19M."

The little boy hung up the receiver, while the operator rang 19M. Operator rang back where the little boy was, and said, "Your party is on the line."

Little Boy—"What do you mean by putting a party on the line when I want my mamma?"

Gary, Ind.:

Operator—"Drop a nickel, please."

Subscriber—"Nothing doing. I'll walk down and carry my nickel."

Culver, Ind.:

New toll operator to old—"Some one on this circuit said 'clear?' Shall I tell her it is rather cloudy?"

Winnetka, Ill.:

Subscriber—"I want a dentist; I don't know his name. He is the big fat one." Operator connected her.

Evanston, Ill.:

Subscriber—"You're some foot-ball player."

Chief Operator—"Why?"

Subscriber—"Because all the kicks come your way."

Subscriber—"Central, Central, speak to me, speak to me."

Operator—"Number, please?"

Subscriber—"Thank you. I just let my telephone fall and I wanted to see if it was hurt."

Mt. Clemens, Mich.

Subscriber complained that he had an appointment to call up a man and when he tried to get central the line was dead. An inspector found that the man's wife had placed a carpet beater across the terminal of the protector.

Brief News Notes from the Field

Items of Interest to Bell Telephone Employees Gathered from All Parts of the Territory

Chicago City Division

Mrs. F. E. Dewhurst, B. V. Hill,
Correspondents

Association of Commerce Entertained

The Illinois Committee of the Chicago Association of Commerce accepted the invitation of H. N. Foster, superintendent of traffic, to visit the Chicago Telephone Company Friday, December 18th.

After partaking of an operator's luncheon the members of the committee were conducted through the operating plant and shown how the telephone service of the city is given. They were much pleased with the opportunity given them and the hospitality of the Telephone Company.

Telephone Lecture Before Alumni Association

Traffic Superintendent H. N. Foster gave an illustrated telephone talk before the Alumni Association of the University of Wisconsin at their weekly luncheon, Thursday, December 10th, at the German Room at the Grand Pacific. The lecture was heard with much interest and followed by an interesting discussion.

On Monday, December 20th, Mr. Foster was invited to speak at the Chicago Jovian League, which met at the Hotel Sherman. Mr. Foster gave an illustrated talk on the Telephone System in Chicago. The lecture with the stereopticon pictures was enthusiastically received.

Miss Mahoney Married

It was with real regret that the entire force of the commercial department heard of the resignation of Mae Maloney.

The reason for her severed relations with the Company was found in the announcement of her marriage to Alderman William O'Toole of the Thirtieth ward. The wedding took place December 26th.

In appreciation of the qualities which have made her long stay in the commercial department pleasant for those around her, the force presented Miss Maloney with a handsome set of silver and a beautiful bouquet of flowers. Alderman and Mrs. O'Toole spent their honeymoon in New Orleans.

Christmas Luncheon

Monday, December 21st, was "Christmas Day" at the Monday luncheon, at Headquarters Building. The Chicago Telephone Orchestra played throughout the luncheon. R. W. Sullivan sang "O Holy Night" as a tenor solo. A short Christmas address was delivered by the Rev. George N. Luccock of the First Presbyterian church of Oak Park.

Annual Evening at the Art Institute

The visit to the Art Institute on Friday evening, December 18th, was a notable event for several reasons. The object of this visit is to encourage busy people to take the opportunity to come into touch with the treasures which the city has collected for the pleasure and profit of everyone who will come to its doors. Many are too busy to go by day and others do not realize what the Institute offers for their pleasure.

On this seventh visit there was a wealth of attractions which might have filled several evenings. In the first place Lorado Taft's lecture on "Some Tendencies in Recent Sculpture" was so delightful that one young lady was heard to remark that she could have listened to him all night. Although Mr. Taft spoke on a subject quite technical he met with quick response and he expressed himself as enjoying his audience quite as much as they enjoyed his lecture.

At the close of the lecture our people were treated to a pleasant surprise in the singing of the Central Church Choir of one hundred voices. This was especially pleasing, not only for the beautiful music which they sang so perfectly, but because Dr. Gunsaulus, pastor of Central Church, assured the company that he had brought his choir to sing because he and they wished to express their appreciation of the service the telephone girls were giving every day and he took this way "to get even with them." It was a good way to get even, and every operator who was there will give all the better service for the appreciation the lovely courtesy expressed.

This occasion was also notable for the program provided by our own people. As the company gathered they were surprised to be welcomed by the orchestra of the telephone company, which was seated at the head of the great stairway under the beautiful Winged Victory. The orchestra of thirty pieces surprised everyone by its splendid playing and it was a cause for regret that there was not time to hear more selections. The Men's Glee Club provided some de-



CHRISTMAS DINNERS FOR POOR FAMILIES BEING DELIVERED BY CHICAGO TELEPHONE OPERATORS.

lightful Christmas numbers and a select chorus of our girls joined them in singing several beautiful carols which were most heartily appreciated. In fact this mixed chorus was so very good that it gives a hint of what we might have if we could organize a choral society of our own.

Time was too short to make the most of the kind services of Mrs. John B. Sherwood and Miss Vanderpool, who conducted groups about the galleries, but they will be glad to take a group about on any Sunday afternoon or evening, at which time the Institute is open and free to the public. At this time also beautiful concerts are given in Fullerton Hall for ten cents, one at three o'clock and another at four-fifteen.

It is to be hoped that our annual visit will stimulate an interest in the beautiful and that many will visit our treasure house often.

Chicago Plant Banquet

Some of the Chicago plant men of Central division who are to move downtown under a reorganization in the installation department, gave a farewell banquet and "stag" at the Grand Pacific Hotel, December 17th. R. M. Bennett, assistant maintenance superintendent, gave a short address. The whole affair was a great success. The committee consisted of H. Enault, chairman; E. Ascher, J. Baume, T. Finnelly, H. Johnson, M. Moerschbaeher, H. V. Vogt.

Among others present were J. T. Broderick, J. P. Ernst, F. G. Butler, F. Cowan, W. Hayden, C. Schleucher, A. Brown, F. Driscoll, H. Hawley, B. Ireland, H. Rosenbach, W. Brown, T. Eviston, G. Crowley, G. Neviller, J. Bergman, S. Friendo, G. Hutchinson, J. J. Kirk, J. Vivian, W. H. Wilson and W. Norcott.

Central Division Dance

On Saturday evening, December 5th, the employes of Central division gave a party and dance at Garfield hall for the purpose of bringing together those employes of the Chicago Telephone Company, who have been associated through this division.

Mr. and Mrs. Hurd, Mr. and Mrs. Riddell and Mr. Holden were among those present.

Anna Ziska, Mae O'Malley and Messrs. Norcott, Siguin and Vogt were the song birds of the evening and deserve "honorable mention."

Refreshments were served, and the program concluded with "Home, Sweet Home" as the usual hint to conclude the evening, one that will long be remembered.

The success of the affair was largely due to the efforts of Messrs. E. Ascher and M. J. Baume.

Chicago Suburban Division

B. A. Pratt, Correspondent

Saved Merchant's Light Bill

On Saturday night, December 19th, the manager of the Chicago Telephone Company at Antioch, Ill., received a call for one of the stores. She rang repeatedly but no one answered. The store was not far away from the telephone office and the operator noticed that the lights were burning. She called the proprietor at his residence, five miles in the country. The storekeeper drove into town and put out the lights.

Service Ratings for November

The following list, arranged in the order of merit, includes the common-battery offices which have their local service observations taken at service observing boards:

| Office | Place position |
|----------|----------------|
| Hammond | 1 |
| Oak Park | 2 |
| Elgin | 3 |
| Joliet | 4 |
| Aurora | 5 |
| Evanston | 6 |

The list following, also arranged in the order of merit, shows the ten highest common-battery offices which have their local service observations taken by service inspectors:

| Office | Place position |
|---------------|----------------|
| Woodstock | 1 |
| Maywood | 2 |
| Winnetka | 3 |
| Dundee | 4 |
| Wilmette | 5 |
| La Grange | 6 |
| Berwyn | 7 |
| Highland Park | 8 |
| Barrington | 9 |
| Lake Forest | 10 |

Traffic Correspondence School

Following is a list of operators who received a grade of 100 on Lessons No. 3 and 4 in the Toll Correspondence School:

- Lesson No. 3.**
 ARLINGTON HEIGHTS—P. Jones.
 AURORA—L. Danly, A. Klebe, E. Marquardt.
 BARRINGTON—E. Hatje, L. Johnholtz, R. Kampert, L. Krueger, E. Tekampe.
 BATAVIA—L. Apps, M. Fredendall, V. Loker.
 BLUE ISLAND—L. Matthies.
 CHICAGO HEIGHTS—N. Adams, N. Stayer.
 COAL CITY—L. Thornton, M. Thornton.
 DUNDEE—I. Deuchler.

- EAST CHICAGO—M. Meehan, F. Whitmere.
 ELGIN—E. Gould, K. Gould, W. Graves, B. Hinsdell, E. Plate, A. Reeves, D. Triggs, C. Wylie.
 EVANSTON—P. Seaman.
 GARY—L. Haning, F. Hennessey, G. Lyons.
 GENEVA—M. Lindo, E. Olson.
 GLENCOE—C. Dietrich, H. Mollenhauer, M. Siegel.
 GLEN ELLYN—E. Garman, E. Ludeker, L. Ludeker.
 GRAYS LAKE—B. Adams, R. Smith.
 HAMMOND—M. Baker, E. Gleb, A. Klein, F. Ninon, S. Pease, F. Seward.
 HIGHLAND PARK—A. Kurtz.
 HINSDALE—A. Schneider.
 JOLIET—E. Bradley, E. Cullom, E. Hutchison.
 LAGRANGE—P. Lendrum.
 LAKE FOREST—E. Burridge, E. Luedke, M. Rose.
 LAKE ZURICH—B. Norton.
 LIBERTYVILLE—M. James.
 MAZON—H. Hansen.
 MCHENRY—L. Barblan, S. Stoffel, B. Wolf, E. Wolf.
 MINOOKA—Mrs. J. F. Gwynne.
 MORRIS—I. Geyerstanger.
 NAPERVILLE—A. Rickert.
 NEW LENOX—B. Beadle.
 OSWEGO—E. Gates.
 ST. CHARLES—A. Anderson, C. Crandall, K. Melville, A. Olson.
 TINLEY PARK—L. Pignors.
 WAUKEGAN—M. Hayes.
 WEST CHICAGO—B. Diebold, M. Merriam, M. Plath.
 WHITING—E. Lingham.
 WILMETTE—L. Brautigam, M. Meyer, M. Steffen.
 WILMINGTON—M. Quinn.
 WOODSTOCK—L. Closson, K. Duggan.
 YORKVILLE—I. Stumm.
 ZION CITY—L. Skilbeck, M. Williamson.
- Lesson No. 4.**
 ARLINGTON HEIGHTS—A. Taege.
 AURORA—M. Boyer, B. Crowl, L. Danly, A. Lindenmeyer, M. Lindenmeyer, E. Marquardt.
 BARRINGTON—E. Hatje, L. Johnholtz, R. Kampert, L. Krueger.
 BATAVIA—L. Apps, M. Fredendall, V. Loker, A. McBreen.
 BARTLETT—E. Schmidt.
 BEECHER—G. Adolph, I. Ehrhardt, E. Hack.
 CHICAGO HEIGHTS—A. Marmson.
 COAL CITY—L. Thornton, M. Thornton.
 CRYSTAL LAKE—F. Kramer, E. Logg, M. Spencer.
 DUNDEE—I. Deuchler.
 EAST CHICAGO—F. Whitmere.
 ELMHURST—M. Klenapple.
 ELGIN—L. Blanck, E. Gould, K. Gould, M. Graves, B. Hinsdell, C. Wylie.



DANCING PARTY GIVEN BY CENTRAL DIVISION EMPLOYEES, CHICAGO.

EVANSTON—H. Mackler, P. Seaman.
 GARY—G. Lyons, M. Patch.
 GENEVA—F. Carlson.
 GLENCOE—M. Jackson.
 GLEN ELLYN—V. Brady.
 HARVEY—M. Lang, G. Meyer, K. Moran,
 A. Stutters.
 HIGHLAND PARK—F. Waters.
 JOLIET—E. Burnham, L. Clark, E.
 Hutchison.
 LAKE FOREST—R. Gill.
 LIBERTYVILLE—P. Gerred, M. James.
 LOCKPORT—A. McDonald.
 LOMBARD—G. Eirecht, A. Fisher, A.
 Ludeker, M. Ludeker.
 MAYWOOD—M. Markham, A. Weiss.
 NAPERVILLE—F. Fritsch.
 OAK PARK—F. Smerling, E. Smith.
 ORLAND—A. Gonderman, G. Nicholai.
 PLANO—Z. Owen.
 WAUKEGAN—S. Joyce, E. Steichler.
 WEST CHICAGO—B. Diebold, M. Diebold,
 E. Ehredt.
 WHEATON—A. McIntyre, A. Steffen,
 Anna Steffen.
 WHITING—E. Lingham, K. Stover, G.
 Vater.
 WILMETTE—L. Brautigam, A. Heinzen,
 M. Meyer.
 WOODSTOCK—L. Closson, K. Duggan, M.
 Gallagher, H. McGee, M. Hallisy.
 YORKVILLE—M. Gooch, I. Stumm.
 ZION CITY—M. Williamson.

Traffic Promotions

Wilmette—M. Meyer, supervisor to traffic clerk; A. Hoth, transferred from Winnetka operator to supervisor.
 Hammond—E. Gred, operator to toll supervisor.
 Joliet—G. Nunn, operator to supervisor; E. Mannell, operator to supervisor.
 Morris—M. Davis, assistant chief operator to chief operator; F. Ward, split time to assistant chief operator.
 Arlington Heights—P. Jones, transferred from La Grange operator to chief operator.

Death of Aline S. Torgler

No greater proof of the high regard in which she was held by her co-workers and by the people of her own community can be found than in the funeral of Aline S. Torgler, operator at the Chicago Telephone Company's exchange in Palatine. It seemed that the entire community mourned the loss of this popular young lady and, as proof of esteem, showered their floral tributes to her memory. From beyond the bounds of the telephone district in which she acted as operator came many floral offerings, proving that her telephone personality had brought sunshine and gladness to many another home.

Miss Torgler had served for twelve years at the Palatine exchange, accepting the position soon after the switchboard was installed in that city. Pleasant-voiced, courteous and ever-accommodating, she gained the good-will and respect of the company's patrons and was endeared to her fellow-workers within a wide radius of Palatine. Death came on November 24th from typhoid fever from which she had been ill but a short time.

She is survived by a mother, three sisters and a brother, Walter, who has been an employe of the company for eleven years.

Division Headquarters

Louise Evanson, clerk in the Suburban commercial department, has received an indefinite extension of her leave of absence. She is now in Norway and is unable to secure passage on steamships to America on account of the war.

John W. Schramm, district manager at Elgin, made his quarterly trip to the Chicago offices during the early part of December. Mr. Schramm, in point of service, is the oldest district manager in the Suburban division. While his trip was for business purposes he spent several hours visiting with officials.

Records for November show that the Suburban commercial department accepted contracts for five private branch exchanges with ten trunks and twenty-three terminals. This is considered an excellent record in view of the general business depression.

Miss E. Marquardt, service observer at Aurora, visited Miss Higley and Miss Hanson at division headquarters for several days. This was Miss Marquardt's first trip to Chicago and needless to say she enjoyed the visit.

Miss Leeseberg, formerly assistant instructor in the suburban school, will have charge of the toll correspondence school of the suburban division, vice Miss Roderick, who is to be chief operator at Aurora.

District Manager Ford at Waukegan has appointed Misses O. Herberger and O. Edborg and E. F. Potter Waukegan district correspondents of the BELL TELEPHONE NEWS.

Blanche Mitchell, toll clerk in the Waukegan commercial department, is wearing a large diamond and has resigned her position.

Hearst W. Cady, commercial agent at Waukegan, and Edna Van Riper were married at Highland Park December 21st.

Waukegan district repairmen are now appreciating the McHenry aerial toll cable. It is saving many a drive on these cold mornings.

products of the country and all the things that help make a good dinner. The evening was spent with games and music.

The Western Electric Company installers—a small army of them—are at work installing 1,300 new multiple on a new section of A board, a new chloride accumulator type E storage battery at Aurora, and are making some radical changes on the ringing machines. These new storage batteries in connection with old ones will give forty-eight volts for the toll board recently installed. A new battery power board has also been installed in the exchange, which takes care of both storage batteries. Be-



OPERATING FORCE, MORRIS, ILL.

This attractive group includes Mary Davis (No. 5), chief operator, and Mrs. R. E. Martin (No. 6), formerly Miss Blair, until recently chief operator. Others in the group are: 1, M. Weese; 2, L. Harrie; 3, M. Watson; 4, F. Foster; 7, M. Miller; 8, F. Ward; 9, J. Remington; 10, I. Geyerstanger; 11, S. Olson; 12, F. Fergueon; 13, B. Terry; 14, C. Noonan.

Toll Division

Miss Binmore, former toll chief operator, now retired, called on her former friends and fellow workers at the toll office December 9th. Miss Binmore recently returned from a trip to New York.

May Connolly, evening supervisor, resigned December 10th, to be married to Wilbert Bowman.

On November 28th, Pearl Ireland, day operator, was married to Edward Schneider. The ceremony took place at Wheaton.

Mildred Hanson, day operator, became the bride of Dan Johnston, on December 4th. For the present, the couple are residing at the home of the bride's parents.

Another day toll operator resigned her position to assume the duties of married life. Katherine Gannon became Mrs. George McAlwee on November 28th.

Cupid also carried off Ida Moran, day operator. Miss Moran was married to Stanley Saxious on December 5th.

Exchange Notes

On the evening of November 12th employes in the Aurora commercial department were invited to the home of Gertrude Kohlhamer at Oswego, Ill., to partake of a chicken dinner. Miss Kohlhamer lives far enough away from the city to enjoy the

tween the Western Electric employes and the painters and decorators the Aurora telephone employes have not had much room, nor have they been allowed to remain in one place for any great length of time. They are becoming adepts at climbing over and around boxes, equipment, and painters' ladders.

Four Thanksgiving baskets were distributed to the poor by employes at Harvey. Chicago Heights operators planned Christmas baskets for the poor.

On Thursday, December 10th, the operators at Beecher gave a dance for the benefit of the poor and destitute of Chicago. Although the weather was very unfavorable the proceeds amounted to \$32. The hall was decorated in red, white and blue and blue-bells. The operators made up a big box of clothing to go with the money.

Lucille Sinsabaugh was pleasantly surprised at her home on Elm Street, Elgin, November 7th, in honor of her birthday. Games were played, the favor in the peanut race being won by Tillie Abramson. A musical program was enjoyed during the evening. A buffet luncheon was served by the hostess's mother.

The Evanston commercial force took up a collection to be presented to the Evanston Charities Association. On December 1st, Helen Brown, Evanston

local operator, gave a surprise party in honor of Lillian Kleinhofen. The following members of the traffic department were present: E. Stephens, E. Poole, H. Pfeiffer, A. Weber, G. McGulrk, also Mr. Taylor of Winnetka exchange, Mr. Skews of Wilmette and Mr. Prince of Chicago. The evening was spent in playing games, and music, after which a dainty lunch was served.

The operating force at Wilmette is rejoicing at the return of Mrs. Bessie Eames, who has undergone a serious operation and a long illness.

The commercial, traffic and plant employees of the Hammond exchange, gave a farewell party on Monday, November 30th, in honor of Rose Ruschli, cashier, who resigned, and Ruth McCluskey, bill clerk, who was transferred to East Chicago. The young ladies gathered in the dining room of the office, where a two-course dinner was served after which pictures of the party were taken. Those present were: Marie and Catherine Moran, Norma Traffley, Margaret Nason, Emma Vanderhoof, Ruth and Jane McCluskey, Helen Bull, Rose and Tillie Ruschli, Clara Liesenfelt, Ella Dremstedt.

J. E. Reed, switchboard man at Gary, while constructing a "Hope chest," most painfully but not seriously injured his thumb. However, he has fully recovered and the "Hope chest" is completed. Now what?

Joseph O'Brook was seriously injured at Gary on November 27th while riding a motorcycle to a case of trouble. On turning a corner his machine skidded on a wet street car rail and threw him against a pole causing bad bruises to the left groin and left arm. Mr. O'Brook is again performing his duties as a repairman and is considered very fortunate in recovering so rapidly.

Miss E. Bradley, supervisor, at Joliet exchange, resigned on November, to take up household duties. Miss Bradley was married to Harry E. Strain, of Chicago, last Christmas, in her honor a supervisor's banquet was given at the Commercial Club, Tuesday evening, November 24th. Miss Bradley was the recipient of a beautiful chest of silver from the supervisors and operating force. Her new home will be in Chicago. Miss E. Mannell, toll operator, succeeds Mrs. Strain as supervisor.

Otto Koenig, who has been confined to the hospital for about ten weeks on account of a ruptured blood vessel in his leg, is now out and able to walk around. He thinks he will be able to resume his duties as driver at LaGrange about January 1st.

H. Hagel, cable splicer for the LaGrange district, built a chicken coop in the basement of his home. When he tried to take it outside he found it was about one and one-half times as large as the door. He had to take it apart and rebuild it outside. He says that he has quit reading war news.



S. A. BURT.

S. A. Burt, superintendent of toll line construction, recently walked from Wilmet to Silver Lake, Wis., inspecting toll lines. From the above picture it is apparent that he no doubt now appreciates the song, "It's a Long, Long Way to Tipperary."

The new Oak Park exchange building was completed on December 8th, and turned over to District Manager Corning at that time. Installation of the equipment was started immediately by the Western Electric Company, with Foreman O. C. Bennett, a former Oak Park wire chief, in charge.

A surprise party and kitchen shower was given at the Oak Park home of Operator Ella Brown, Thursday evening, November 12th, in honor of a bride-to-be operator, Ida Schroeder. Many useful gifts were received and all present enjoyed a very pleasant evening.

The Oak Park traffic employees enjoyed the Thanksgiving dinner, November 25th, prepared and served by Matron Nora Kennedy.

Noreen Gannon, toll operator at Wheaton, acted as bridesmaid to Katherine Gannon, of Oak Park, who was married November 9th to George McNamee, captain of the Cicero Fire Department.

Leona Miller, operator at West Chicago, and William Messner, of Chicago, were mar-



TELEPHONE OUTFIT WHICH TOOK PRIZE IN DAYTON WORK HORSE PARADE.

ried at West Chicago, November 25th. They are residing in Chicago.

Ruth Ballard, operator at Batavia, was operated on for appendicitis November 30th, at the Colonial hospital, Geneva, Ill. She is recovering rapidly.

There has been recently completed at Wheaton an estimate covering extensions of subscribers' cable and five blocks of new underground conduit. A new underground high grade toll cable has been put in service between Wheaton office and the junction pole at Main street and Willow avenue. The aerial and underground extensions of subscribers' cable on Wilson street, Batavia, have been completed.

An extra position has been added to the switchboards at Glen Ellyn, Batavia and Geneva.

Woodstock operators entered into the real Christmas spirit, by forming a "Good Will Club," the purpose of which, was to pack Christmas baskets with food, clothing and other Christmas gifts for the poor families of Woodstock. The operators' belief is, the more you give of peace and good will, the more peace, comes back to you. They will strive to keep the warmth of the Christmas feeling throughout the year so that no one day, but all days, will have the spirit of good will.

Mabel Gallagher, assistant chief operator at Woodstock, entertained "The Bachelor Girls," most of whom are traffic employees. The evening was spent in making articles for their "Hope chests," which seems a useless occupation for "bachelor girls." A delicious four-course luncheon was served.

Blanche Loomis, assistant chief operator at Crystal Lake, was pleasantly surprised Thursday evening, November 19th, at the home of Mr. and Mrs. Wm. Ruchrdanz, the occasion being a miscellaneous shower for Miss Loomis, who was soon to be a bride. She was the recipient of many beautiful gifts.

A very pretty double wedding occurred on November 21st, when Hazel Lockwood and Harry Ober and Blanche Loomis and Vern Lockwood were united in marriage. All four of the young people are from Crystal Lake and expect to make their future homes there.

Frances Kramer has succeeded Miss Loomis, who resigned as assistant chief operator at Crystal Lake November 23rd.

Ohio Division

B. T. Calaway, Correspondent,
Columbus

Telephone Horses Win

A movement recently started by Dayton people drawing attention to work horses resulted in a Work Horse Parade, on October 14th. This was open to all concerns using horses for work purposes and immediately met with approval and the hearty co-operation of all the business firms of Dayton.

The horses and wagons were placed in a number of classes and the judging was taken care of by prominent horsemen and veterinarians. The Central Union Telephone Company entered a horse and wagon and came out with the blue ribbon and an additional prize of \$5, this being the highest award. On this page is a picture of the

outfit that captured the big prize. Mr. Allison is driving, and J. Hill is on his left.

Exchange Notes

On December 7th, Nell Taylor, chief toll operator of Columbus, entertained the toll supervisors at her home in honor of Ruth Palmer, junior supervisor, who left for Florida on December 15th. Miss Palmer will spend the winter in Jupiter, Fla.

Hilltop girls, Columbus, gave a dance December 4th.

On Thanksgiving Day a donation party was given by East exchange employees at Columbus. Each person gave generously and large baskets of fruit and vegetables were given to a worthy poor family.

Elsie Shaffer, toll operator at Springfield, was recently married to Robert Frazier, of Springfield.

Mary Smith, local operator at Springfield, was married November 1st to Jacob Groeber.

Zona Leeper, toll operator at Marion, gave a linen shower November 20th in honor of Lelah Harriman, former toll operator, who was married on Thanksgiving Day to Adam Schuerman, of Upper Sandusky, Ohio.

Ruth Smith, operator at Collingwood office, Toledo, resigned November 16th to be married to Rolla Bender.

D. O. Sites, Columbus repairman, slipped from a pole while at work December 3rd. He sprained his ankle.

W. J. Strickland, repairman at Columbus, was married October 15th to Rosalin Spencer, operator at Main office.

During November the following orders for private branch exchange equipment were taken in Columbus: No. 2 system for Industrial Commission of Ohio; thirteen additional stations at Columbus Hotel, which puts a telephone in every room; special doctor's equipment for Dr. Hamilton, with capacity of eight lines; Ohio Carriage Company, South Columbus, one trunk and eight stations.

The Columbus collection department, realizing the customary difficulties to be expected in collecting charges during the month of December, made extraordinary efforts last month and succeeded in handling the collections at the close of the discount period in such shape that all of the mail was worked up and the final notices to those

subscribers who had not paid their bills were all mailed by noon of the 12th.

On January 3rd a complete check of all records of Columbus subscribers' stations will be made jointly by the plant, traffic and commercial departments as of December 31st.

At a dinner given by the Columbus Chapter of Jovians at the Columbus Hotel on December 4th a very fine address on cooperation was made by General Manager E. A. Reed.

The depression of business which has appeared in many quarters has not been felt as strongly in Columbus as elsewhere. An analysis of business conditions presents a rather optimistic appearance. The number of unemployed is relatively small and is being steadily reduced. This has been reflected in the business of the telephone company, and while only offered business has been taken during the past year the Columbus exchange has gained an average of over 100 stations per month throughout the year, and passed the 23,000 mark during December.

At the Charity Ball given on the evening of December 18th, in Memorial Hall, by the Columbus Automobile Club, Mrs. E. A. Reed was one of the patronesses. Mrs. Reed sold the largest number of tickets for the ball sold by any individual.

Following his annual custom, J. S. Jones of Chicago and Granville, Ohio, sent \$25 to Manager Wallace to be distributed among the "popular and accommodating girls" of the Central Union office at Newark.

Illinois Division

**A. J. Parsons, Correspondent,
Springfield**

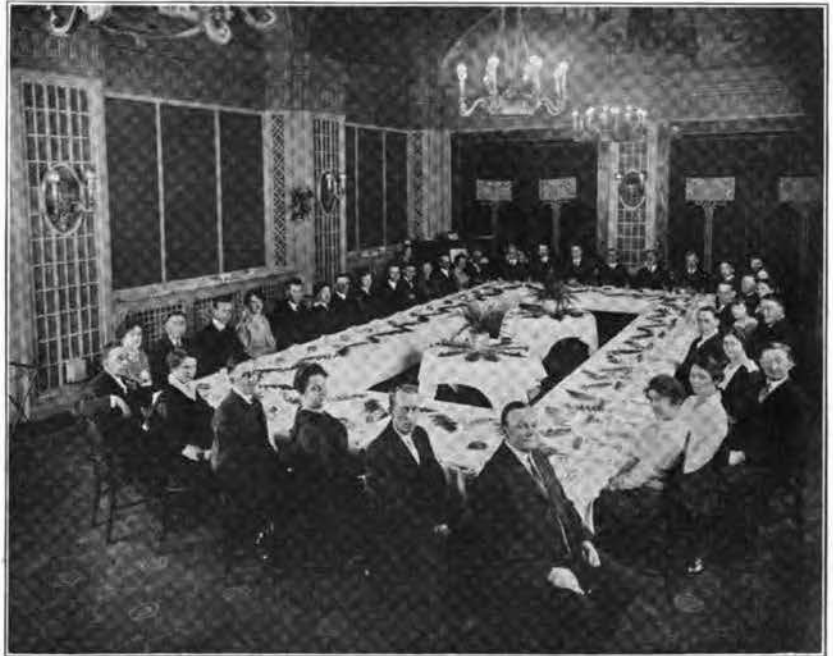
New Plant Accountant

Plant Superintendent H. B. Lewis announces the appointment of W. M. Boyd as plant accountant, effective December 1st. Mr. Boyd was formerly with the Northwestern group and since early this year has been supervisor of plant accounting in the office of the auditor of disbursements, Chicago.

Exchange Notes

Quincy traffic employees sent out a wagon load of Thanksgiving dinners to needy families. They planned to do the same thing on Christmas, and invited the commercial and plant forces to join with them.

Eva Stover, rate clerk at Springfield, was



JOINT MEETING OF COMMERCIAL, PLANT AND TRAFFIC EMPLOYEES AT PEORIA.

In the picture, left to right, around the table, starting from the upper left corner: George B. Davenport, district traffic chief, Peoria; Mr. Henderson, instructor in the Sheldon school; Harry N. Tolles, vice president the Sheldon school; George C. Treadway, district manager, Peoria; Mr. Moodie, instructor, the Sheldon school; T. E. Keltner, plant chief, Peoria; S. P. Langhoff, chief clerk, Peoria; Nellie Nolan, traffic chief, Peoria; Mary Plover, toll supervisor; Louis Ostrinsky, switchboardman; Nellie Barnes, clerk; Charles E. Selk, manager, Delavan, Ill.; Ellen Venell, clerk; Fred Merrill, construction foreman; A. S. McDuff, toll wire chief; Esta Walker, local operating clerk; Charles J. Eretenstein, cashier; Margie Lawson, local operating clerk; Una White, directory clerk; J. Kelly, clerk to Foreman Merrill; B. F. Duffy, city foreman; Anna George, assistant cashier; J. A. Whalen, clerk to plant chief; Irene Amos, stenographer; G. H. Brannon, supervisor of collections; Ruth Flanagan, chief operator; Charles Haney, local wire chief; I. I. Andrews, traffic chief, Champaign, Ill.; Sadie Wood, work order clerk; Ira Ray, repairman and collector, Pekin, Ill.; Anna Nolan, clerk; R. E. Jackson, manager, Canton, Ill.; Catherine Sullivan, toll chief operator; A. Goehring, manager, Lewiston, Ill.; George Brandes, routing clerk; Emma Armstrong, clerk; A. P. Cummings, commercial agent; Rose Scoones, stenographer; Fred Beckman, manager, Bloomington, Ill.



FLOAT OF MONTGOMERY COUNTY TELEPHONE COMPANY, WHICH TOOK FIRST PRIZE AT OLD SETTLERS' PARADE AT HILLSBORO.

married at Effingham November 19th to Cleveland Powell. The Springfield toll traffic department presented her a handsome picture.

The H. G. L. Club, composed of Springfield telephone operators, was entertained November 9th at the Y. W. C. A. by the L. U. B. A. Club. It was a "children's party" and the guests were attired as little girls. The evening was spent playing games.

Twenty-five of the Springfield girls have organized a dancing class to learn the latest ball-room steps from Lucy Bradford, who has just returned from the east.

Foreman Prout and crew are rebuilding the Springfield-Beardstown toll lead. The Springfield-Decatur lead is being rebuilt under supervision of Foreman White.

The P. N. K. Club of Springfield held its

regular meeting November 17th at the home of Edna Little. As usual, the chief diversion of the evening was fancy work.

On Sunday, November 29th, at 3 a. m., a fire on East Palm street, Roodhouse, burned the cable pole and a fifty-pair cable. About 100 telephones were put out of service. The work of repairing this cable was seriously handicapped by rain and smoke, the smoke coming from a smoldering carload of bran almost directly under the cableman's platform. Service was restored Monday at 3 p. m. Plant Chief Miller, of Jacksonville, was on the job as usual, and N. R. Earrison, traffic chief at Springfield, who was delayed in Roodhouse awaiting a train, was a distinguished visitor.

J. C. Miller, plant chief at Jacksonville, superintended the placing of an underground



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FOR GASOLINE

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Turner Non-Leaking Filter Plug Turner Improved Pump Cap and Former

A new high-grade Torch of strong and durable construction, with maximum heat producing qualities and minimum consumption of gasoline. It is the strongest and best built Torch on the market. The wire wheel handle is always cool—a feature which will be greatly appreciated.

The handle is heavy brass tubing, reinforced by a steel rod and extra heavy brass retaining plugs. The burner is the closed under generator type, insuring full efficiency in windy and coldest weather, and is supplied with a removable cast bronze soldering copper hook and support.

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crossing at Carrollton, November 11th, 12th and 13th. It was necessary to place thirteen feet of three-inch iron pipe underneath the railroad tracks, and this had to be driven through on account of the weak condition of the track. A twenty-five-pound sledge was used. Mr. Miller was very effective "hitting the pipe."

Connecting company agreements have been executed with the Mutual Telephone System of Mulberry Grove, Mulberry Grove, Ill., and with the Hamel Telephone Company, Hamel, Ill.

Mrs. L. M. Lax, manager at Edwardsville, who was taken seriously ill on November 8th, is reported convalescent.

Newell Durham, who was trimming trees near Alton, met with an accident November 16th, when the tree trimmer broke, and fell on his head, inflicting a scalp wound. He returned to work November 23rd.

Gladys Ellington, local operator at Wood River, and Ralph Janes of Great Bend, Kans., were married at Alton, on November 29th. They were attended by Elsie Page and Louis Brandenburg, of Alton, and the ceremony was performed by Rev. McKinney. They departed for Vicksburg, Miss., where they will make their future home.

A joint meeting of the commercial, plant and traffic employes of the Peoria district was held at the Jefferson Hotel, Peoria, November 17th. A dinner was given, after which Harry N. Tolles, vice president of the Sheldon School, Chicago, addressed the meeting on the subject of "Business Building," explaining the great advantage to be gained in concise cooperation and the relationship between the employe and the employer. Mr. Henderson of the instruction department of the Sheldon School also addressed the meeting along the same lines. Great benefit was derived from the very instructive addresses made by Mr. Tolles and Mr. Henderson. The meeting combined instruction and sociability, and many were the expressions of enjoyment heard from those present.

A private branch exchange of two trunks, cordless switchboard and five stations has recently been installed for the Hill Commission Company, Peoria.

George Brandis of the Peoria plant department went down to Sincarte where he put

in the time shooting ducks, and several of the employes were favored with fine mallards which he brought back.

Frances Frietsch, local operator at Peoria, resigned November 15th. Her marriage to Joe Koenig took place on December 5th at the Sacred Heart Church.

Toll lines between Rockford and Dixon and Rockford and Garden Prairie will be generally repaired and overhauled.

Faith Ward, who has been an operator at Rockford for three years, has resigned to become the bride of Ernest Travis, of Rockford.

Mr. and Mrs. James Collins entertained the members of the Rockford commercial department at their home on North Second street November 20th, in honor of their second wedding anniversary. A pleasant evening was spent at cards. Mr. Collins is commercial agent at Rockford.

Repairs on the Chicago-Kankakee and Kankakee-Gilman toll leads, which included replacing all iron with copper circuits and establishing additional physical and phantom circuits, were completed by Foreman D. H. Hayes on November 30th.

Work of repairing the Kankakee-Dwight and Kankakee-Cabery toll leads was assigned to Foreman Hayes on November 30th. This will provide additional physical circuits between Kankakee and points west to Dwight, including a new phantom circuit which will reroute the Kankakee-Gardner toll business by way of Dwight.

An additional copper circuit was completed on December 2nd between Kankakee and Manteno.

A six-station No. 2 private branch exchange was installed for the International Harvester Company in its new building on Schuyler avenue, Kankakee.

Local employes of the Coles County Telephone and Telegraph Company at Charleston gave a chicken dinner in the rest room December 2d. It was the first anniversary of the managership of Hill Moss. As a token of regard the employes presented Mr. Moss a gold watch and chain.

Mercer Davis, city foreman at Galesburg, was kicked by a horse and laid up two weeks.

Traffic agreements have been made and connection established with the North Henderson Telephone Company, at North Henderson, Ill.

The Stronghurst Telephone Company, at Stronghurst, Ill., has greatly improved its exchange by the installation of a new Western Electric switchboard and rebuilding the outside plant. All open wires have

been replaced by cable.

Foreman Shelton and crew have completed repairs on the Central-Herrin toll line and started on the Olney-Vincennes line.

The Langenfeld Hotel Company of Centralia has ordered sixteen stations to be connected with the hotel private exchange to supply the new addition.

On November 21st fire destroyed about forty feet of one fifty-pair cable at Mt. Vernon and 150 telephones were put out of service. By Sunday afternoon the local force, with the assistance of District Cableman Knight, of Centralia, repaired the damage and restored all telephones to service.

Indiana Division

D. H. Whitham, Correspondent
Indianapolis

Indianapolis Traffic Meeting

The annual Indianapolis operators' meeting was held this year on December 3rd. As usual, there were two sessions (one in the afternoon and one in the evening) to enable all of the operators to be present. The meetings were held in the Roof Garden of the Main office building, and were conducted by Guy Green, traffic superintendent. Mr. Green opened both meetings with a splendid talk, and immediately following this awarded the pins to the veterans, who were those who had completed their five years of service. Mr. Wayne followed with a talk on making work seem a pleasure, illustrating his point by describing the lives of men who had devoted themselves to labor for the welfare of the public and calling that labor play.

The program in the afternoon included a piano and violin duet by Vivian Johnson and Mildred Martin; vocal solo by Dorothy Martin, accompanied by Miss Watkins on the piano and Miss Johnson on the violin; violin solo by Christine Wagner, accompanied on the piano by Elizabeth Jeffries; reading by Miss Bookwalter, and vocal solo by Marie Cullivan, accompanied by Miss Martin.

The evening entertainment was of a somewhat different nature. Following the talks by Mr. Green and Mr. Wayne, and the awarding of pins, a play, "An Open Secret," was presented under the auspices of Margaret Cooper. Frances Belke, teacher of dramatic reading, gave the play, the actors of which were her students and students of the Shortridge high school. After the play Miss Sterling rendered a beautiful solo. To the surprise and delight of the company, Mr. Green was on the program for a solo,

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Write for booklet describing the advantages of the "Folding Door" Booth

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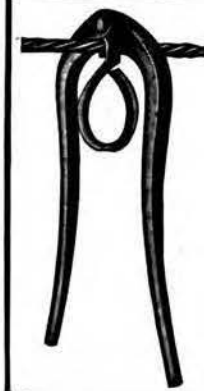
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Cameron Rings
for
AERIAL POWER CABLES

Are being used by several of the largest Electric Light Companies.

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Cameron Appliance Co.
Everett, Mass.

singing "It's a Long, Long Way to Tipperary." His beautiful voice was a surprise to many present, who did not know that their "boss" could or would sing. Then Mr. Wayne was urged to add to the entertainment by singing in his inimitable way his "Mule Song," followed by a wonderful medley which answered for an encore. Dancing was the closing feature of both meetings. Ruddy cheeked apples were passed, serving as refreshments. Everyone declared this to be the best meeting ever held.

Exchange Notes

Manager Dalrymple of Culver has returned from a hunting trip in Tennessee. Game was not plentiful but Mr. Dalrymple reports a good time.

Goldie McNulty delightfully entertained a party including five of the Newcastle operators at a taffy pulling, November 18th. The operators present were Esther Black, Irene Moistner, Mabel Ratliff, Celia Jolly and Arista Bundy.

Ina Wilt, Newcastle toll operator, was married December 12th to George Wisheart.

Five Central Union girls were among the guests at a party given in the evening of November 19th at Newcastle, by Mabel Covert. A pleasant evening of games and dancing was spent.

Twelve Central Union girls were among the guests at the country home of Ina Wilt and her brothers near Newcastle, one night in November. A most pleasant evening was spent.

The Terre Haute Bell Telephone Society contributed Christmas baskets to the poor this year instead of giving the usual Christmas entertainment. The operators also distributed baskets of good things to poor families on Thanksgiving day.

Terre Haute has established an operators' training school and good results to the service are already noticeable.

Daisy Lamb, an operator of the Woodruff office, Indianapolis, has announced her engagement to Claude Sandstrum. The wedding was to take place Christmas Day. The young couple will make their home in Kokomo.

The Indianapolis Woodruff Club, which is composed of Woodruff office employes, gave a dance on Thursday evening, December 10th. A large crowd attended and a very pleasant evening was spent.

On Monday afternoon, November 30th, the operators at the Main office, Indianapolis, were given a musical treat. Caroline Hutton and Mildred Chalch, of Richmond, Ind., relatives of Mrs. McWhinney, gave a violin and piano concert. Miss Hutton is a violinist of more than ordinary ability and was ably assisted by Miss Chalch at the piano. Mary Reeves and Lena Courtney, Indianapolis Main operators, were December brides.

Michigan Division

Victor H. Look, Mrs. Nellie Flintham
Correspondents, Detroit

P. B. X. Development in Detroit

Among the new private branch exchanges and additional equipment installed or or-

dered during the month of November were the following:

| | Trunks | Terminals |
|---|--------|-----------|
| J. A. Petes, meats (new)..... | 2 | 7 |
| R. A. Carmichael & Co., manufacturing chemists (new)..... | 2 | 5 |
| The Class Journal Co., publishers (new)..... | 2 | 6 |
| A. W. Ives, physician (new)..... | 3 | 9 |
| | | 27 |

The four new private branch exchange contracts were secured by Floyd H. Lockwood and supplied a total of twenty-seven stations for Detroit during November.

Main Girls Get Prizes

At an entertainment and dance at the Main building, Detroit, December 4th, nineteen prizes for baseball players in the recent traffic series were presented by Traffic Chief Laskey. Each player on the Main and Walnut teams received a miniature "white sock." Miss Van Coppenolle, one of the "White Sox" stars, in turn presented Mr. Laskey a huge bouquet of chrysanthemums.

The entertainment was preceded by a

brief business session during which Traffic Superintendent Spencer made a short talk on "Service." An original poem was read by Marie von Brockdorf.

Thanks for Benefits

The following letter from an employe at Traverse City, Mich., was received by the Benefit Fund Committee through the manager at Traverse City:

Traverse City, Dec. 12, 1914.
Mr. H. J. Johnston, Mgr. Michigan State Tel. Co., Traverse City.

Dear Sir: I would like to express my appreciation of the benefits received from the Benefit Fund of the A. T. & T. Co. following the injuries I received last summer.

On the thirty-first of July while I was working on a pole it broke and I received injuries which prevented me from working for over three months, during which time I was carried on the disability payroll at full pay and had all surgical bills paid.

Had it not been for the assistance received in this manner it would have been a serious matter for me to have met this extra expense.

I would also like at this time to thank you and my fellow employes for the care and sympathy which I received at that time.

I would be glad to have you forward this to the committee in charge of the Benefit Fund in order that they can receive my thanks for their assistance.

Yours very truly,

Exchange Notes

Kalamazoo supervisors had a dinner party at the Park-American, December 2d.

Kalamazoo employes furnished Thanksgiving dinners to four needy families.

Helen Townsend entertained the girls of the Kalamazoo district and commercial offices in honor of Phranque Rowe, former chief clerk of the district office, who has resigned. It was a surprise to Miss Rowe. Games and music were the diversions. The honor guest was presented with an umbrella.

Belle Isbell, of the Cadillac exchange, was married November 28th to Clifton Berthoff. On December 4th members of the Cadillac force and their families visited Mr. and Mrs. Berthoff at their home and presented them a number of desirable gifts. Mrs. Berthoff had been in the telephone service since 1900.

J. M. Young, formerly of the toll wire chief's office at Detroit, has been appointed manager at Plymouth, succeeding T. C. Cornell.

Mrs. Edith Prentice, toll operator at Trout Lake, has fully recovered from the accidental injury she received last September and is again on duty. Mrs. Prentice was struck in the face by a mail bag as she was leaving a train at the Union depot at Trout Lake.

On Tuesday evening, November 17th, the entire day force of the Jackson traffic and commercial departments enjoyed a pot-lunch in the rest room. After the supper the "Gym Class" met at the Y. W. C. A. for basket ball practice.

Jackson relief operators and supervisors will not soon forget the fun they had on Thursday afternoon, November 19th. It began at 1 o'clock with an elegant three-course "Thanksgiving dinner." One long table was spread in the rest room and the twenty-three girls (in number) surely did full justice to the good things prepared for them. The menu and place cards and decorations car-



THANKSGIVING AT GRAND RAPIDS.

Efforts of the Grand Rapids operators made fifty-five needy families happy on Thanksgiving day. This picture shows the baskets as packed for distribution. Each basket held supplies proportioned to the size of the family. The number in the families ranged from two to fourteen. Names of the families were obtained by the operators through personal investigation.

The money to pay for this food was raised by means of a cafeteria operated at the Main exchange, by both toll and local operators, a raffle of a leather hand bag, and by personal subscriptions received from friends of the company. The committee consisted of the following young ladies: Rika Meyers, chairman; Alberta Strickland, Verna Blaine, Vera Waldich, Clara Howe, Bertha Hall, Sadie Nell, toll chief operator, and Emma Palmer, main chief operator, assisted in the distribution of the baskets.



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MAKE YOUR FASTENINGS PERMANENT

Use SEBCO Expansion Bolts and Screw Anchors; the quickest, neatest, most secure and substantial means of fastening any kind of brace, bracket or fixture to hard substances such as brick, stone or concrete.

You drill a hole, insert the shield or anchor, place your fixture and tighten the bolt or screw.

SEBCO Expansion Bolts are used for heavy work such as fastening motors, large switch boards, cable hangers, etc.

SEBCO Screw Anchors are for lighter work such as fastening bridle rings, lamps, telephone sets, etc. They are non-rusting.

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10-Inch Clipper Cut Jaws, for 3-16-in. annealed bolts in the thread, or 3-16-in. soft rivets.
Center Cut Jaws, for 3-16-in. soft rods.

14-Inch Clipper Cut Jaws, for 1-4-in. annealed bolts in the thread, or 1-4-in. soft rivets.
Center Cut Jaws, for 1-4-in. soft rods.

Insulated Handles if desired.

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TROUBLE FINDERS—
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The inductive fault finder shown here has made good for two years in a big eastern Bell company.

It was designed by one of the best testing engineers in the country, a man who has been years at the game and who knows it from A to Z—a "Bell Telephone" engineer, by the way.

If you want a simple and efficient tester, write us.

THOMPSON-LEVERING COMPANY
PHILADELPHIA, PA., U. S. A.

ried out the Thanksgiving idea. After dinner there was a theatre party at the Bijou and a few who hadn't had enough finished up with a round of the "movies."

Growth in private branch exchanges at Jackson has been almost phenomenal. Nearly every factory as well as the larger mercantile establishments have private exchange service. Manager Stevens has recently secured a contract with the Michigan Seating Company for one trunk and six terminals, and Solicitor F. Riegel took a contract from the Lockwood Ash Motor Company covering one trunk and six terminals. Installation of a No. 2 system for the Elks' Temple was recently completed by Installer J. E. Bridges and the Elks are greatly pleased.

Jerry Thome, repairman at Mt. Clemens, was married December 2d to Mary Vanacker.

John C. Walsh of the state engineering department, who for some time has been confined to the Detroit Tuberculosis Sanitarium, is greatly improved in health, enough so as to be able to leave the hospital and return to his home. The numerous friends of Mr. Walsh hope for a quick and permanent return of the very best of health.

A very pleasant evening was spent in the retiring room of the Detroit Hemlock office on Wednesday, November 25th, the occasion being a Thanksgiving pedro party given by the Hemalowa Club. The rest room was very prettily decorated with yellow and black trimmings. Three prizes were given: first, a pitcher won by Miss Busch, second, a hand painted pin-tray by Miss Dorsey, third, bobble by Miss Stanley. Refreshments were served and the remainder of the evening was spent in dancing. Mr. Johnson, manager of the Hemlock office, was the guest of honor.

The Detroit Walnut office joined in a little good fellowship work Thanksgiving, when nine baskets were filled with food for poor families by the chief operators, operators and plant men. Mr. Corcoran and Norwood Miller kindly loaned their automobiles, and, assisted by Misses Bortz and Cavanaugh, delivered the baskets to the different homes.

Sewing seems to be a favorite occupation among the supervisors and operators as every office in Detroit has formed a sewing club. Morning and evening girls in the afternoon and day girls in the evening meet once every week in the rest rooms. The classes bring their own material with which to work and various lines of needle work are taken up. The Cedar office has formed three sewing clubs: The Hope Chest Club, the Witu Club and another, the name for which has not as yet been determined. The first meeting was held at the home of Miss Klotz.

Hazel Godfrey, evening A operator, Grand office, died from spinal meningitis, November 25, 1914, after an illness of only two days. The news of her death came as a great shock. Although Miss Godfrey has been in the service only since July she had won a place in the hearts of all who knew her and will be greatly missed. Girls of the Grand office sent the family a large wreath of white chrysanthemums and lilies, together with a substantial purse.

The Y. W. C. A. gymnasium in Detroit has been engaged for two mornings and one afternoon each week and girls of the Michigan State Telephone Company will play basket ball, indoor baseball, etc. Each office will have a fixed time to play. A fee of \$1 will entitle any girl to join and have privileges of lockers and shower baths. The first class started November 30th and great enthusiasm was manifested.

The annual Thanksgiving day dinner

given by the company for the Detroit operators who do not live with parents or relatives, was one of the most enjoyable ever given. The dining room had just been re-decorated and the special decorations harmonized well. At 12:30 about ninety girls were served a dinner of turkey and all that properly goes with it. The chief operators and other girls who volunteered acted as waitresses.

Ivy Conn, Detroit long-distance operator, resigned and was married November 25th to Ralph Rusch.

In the November issue of the BELL TELEPHONE NEWS it was stated that Elizabeth Huggins, B operator at Cherry office, Detroit, had resigned to become the bride of C. Conley. Owing to sickness and other unavoidable reasons this wedding did not take place.

Detroit Winning Sections

The second day A section were the winners of the Ridge November contest; supervisor, Jessie Fischer.

Mabel Vann, B supervisor Hemlock, and

her operators won the November contest and are planning a theater party.

The first day section, Maine B, were the winners of the November contest and intend seeing "Everywoman" at "The Detroit"; supervisor, Miss Black.

Lena Krick, supervisor, and operators of the tenth division, Main A, were the winners of the November contest.

Mildred McConnell, second division West office, and her operators were the winners of the November contest.

Miss V. Page, North third day supervisor, won the contest for November and accompanied by her operators spent a pleasant evening at the Lyceum.

Clara Grewe, third evening supervisor, North, won the contest for November.

Miss McIlveen, second evening supervisor, and her operators won the Hickory contest for November. A theater party is being planned.

The seventh day A section, Cadillac office, won the contest for November, and together with their chief operator, Miss Hoffman, and supervisor, Mammie Hall, are planning a chicken dinner. Miss Hall has been on the A side just one month, having been the senior B supervisor.

How to Keep Well and Comfortable During the Cold Weather

By Alvah H. Doty, M. D.

As winter approaches it is important to take into consideration the means by which our health may be protected and comfort maintained during the cold weather. Nature is able to go a long way towards securing this result, for the resisting power of a healthy body is very great, and capable of dealing with extreme variations of temperature, provided aid is extended in the way of careful attention to personal hygiene, suitable clothing and habitations.

A young and healthy person would probably be able to pass through the entire year with but little or no change in the form of dress and still avoid any unpleasant consequences; on the other hand as age increases, and when sickness occurs, or when the rules of health are violated, this wonderful resisting power of the body becomes weakened and unable to perform properly its function; then the loss thus sustained, so far as a lowered temperature is concerned, must be compensated for by additional clothing as well as protection from other sources, otherwise unpleasant or dangerous results may follow.

It is therefore obvious that the greatest safeguard in maintaining health and comfort under the various climatic conditions is the proper care of the body, in the way of good nutritious food, appropriate clothing, exercise, bathing and temperance in all things. The satisfactory results which follow this course are particularly apparent during the cold weather.

It will be of interest to consider briefly the various means by which these results may be accomplished.

While it is true that some articles of diet are greater heat producers than others, it is not necessary in this country that any special change shall be made in the character of our food during the cold season beyond that which is regulated by the supply available during the winter months.

It should be said here in connection with the subject of food that most of us eat far too much—particularly of meat. The excess of food which we consume is not only of no value to us but it overworks the digestive organs which become exhausted in the ef-



ORA A. RUMSEY.

Ora A. Rumsey, chief operator at the St. Louis office, won the recent St. Louis Leader contest, and as a result is the proud owner of a beautiful piano. Miss Rumsey was the leader in all three counts, winning ten dollars each in the first and second counts, and the piano in the third or main count.

Competition was keen, but the final count showed that Miss Rumsey had more than twice as many votes as her nearest competitor. Her courtesy as an operator has won her many friends, and her success is attributed largely to this.

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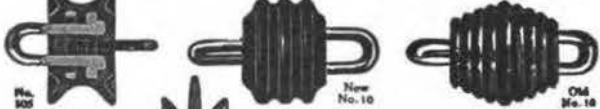


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fort to assimilate it. This becomes no small factor in diminishing the resisting power of the body upon which we so largely depend in the preservation of health. Besides overfeeding, except as a temporary expedient in disease, is a common cause of organic affections later in life.

Another truth may be stated in connection with this subject, and that is, that breakfast should be the best and most important meal of the day; there is no better evidence of health than a good appetite upon rising in the morning, for the alimentary tract has had a long rest and is in good condition to digest a generous meal. The notion that it is sufficient to take only a little fruit, a roll and some coffee for breakfast, is without reasonable or logical foundation, and there is no time when it is more detrimental to health than during the cold weather. For the body, like an engine, must have a proper amount of good fuel in order to perform its work.

As a means of protection during the cold weather it is important that the skin should be kept in a healthy and active condition; this may be accomplished in a very effective manner by proper bathing and exercise. Various opinions exist as to the form of bath which is most suitable for this purpose; most of these opinions are based on theory or individual preference. The most stimulating and pleasant form of maintaining the function of the skin consists in the daily shower of very warm water, and of short duration, followed immediately by a cold shower for the fraction of a minute only, the skin being afterwards briskly rubbed and dried. This bath should be taken upon rising in the morning. By this method the surface of the body having been well warmed, the cold shower produces a pleasurable and stimulating effect with the minimum amount of shock, and a good reaction promptly follows if the person is in reasonably good health. Those who indulge in this form of bath find that the body is kept quite warm and comfortable during the day, and a feeling of well being exists, for the skin under this treatment is better able to perform its function and also act as a protective agent.

A cold tub or shower bath, particularly in the winter, is neither healthful nor desirable. The shock which follows is so pronounced that a prompt reaction does not usually take place even in healthy subjects. Furthermore this form of bath is positively contraindicated in the case of the very young or very old, the feeble, and those having organic affections, for under these conditions the result may be harmful or dangerous. It is true there are those who daily throughout the year take a cold bath of the temperature of the running water and stand the shock of this extreme reduction of temperature with apparent pleasure and benefit. However this proves nothing beyond the fact that the resisting power of some persons is far above the average.

In the future the shower is quite sure to replace the tub for bathing purposes, for the latter has no stimulating qualities, is cumbersome to use and is of value only when the old form of weekly scrub is employed.

Exercise is of inestimable value in keeping the body in proper tone, and warm and comfortable during the cold weather. For if the general muscular system is kept active, more blood is brought to the surface, where it assists in overcoming the effect of the external cold. Furthermore it goes far to relieve the congestion of the internal organs which usually occurs during the cold weather for the blood supply of the surface is diminished by the low tem-

perature. For instance it is well known that the kidneys are more active in the winter than in the summer since during the former period the amount of blood in these organs is greatly increased and their function correspondingly stimulated. On the other hand it is diminished during the warm season, for the skin is then very active. These organs relieve each other, for their function is similar.

Walking is the most common and most valuable form of exercise. It is largely for this reason that the game of golf has become so exceedingly popular and of such extended benefit to the public. Unfortunately this game is not available for all, but walking is, and every one who is able to do so should walk from three to five miles daily or even more. If this exercise cannot be taken during the day, the evening should be employed for this purpose, for there is but little truth in the belief that the night air is unhealthy. Those who have established the practice of taking daily exercise need not be told the benefits which follow it, particularly those who are confined in offices and are of sedentary habits. At the end of the day's work these persons commonly experience a feeling of fatigue; this is mental rather than physical, and the remedy for it is exercise and not rest.

The selection of clothing for the cold season generally involves a change both in the under and outer garments, and the addition of great coats or wraps for outside exposure. It would be difficult to describe the numerous styles and fabrics which are recommended for underwear, the advantages of the greater number of these are largely theoretical. While the various fashions may be acceptable to some, there is but one material which practically and scientifically has received general approval for winter underwear, and that is wool. This substance offers the best protection against the low temperature, for it is a very poor conductor of heat and cold, and while in this way it helps to retain the body heat it also very effectively aids in preventing the chilling effect of the external temperature upon the surface of the body. Cotton is the least valuable for this purpose, while silk probably occupies a position between wool and cotton. Some wear cotton underclothing throughout the year apparently with comfort, yet this does not prove that it is suitable for general use.

It is not required that undergarments shall be composed entirely of wool, for a mixture of twenty-five per cent of cotton does not materially affect the protective value of this material, while it renders it more agreeable to the skin, and prevents excessive shrinking during the process of washing—although to a great extent modern methods have overcome this unpleasant result.

Not only the material, but the weight of winter undergarments must be considered. It is the common practice to have but one thickness for winter use, whereas in our climate every one should be supplied with two weights in order to insure comfort, for during the winter season the weather often becomes quite mild, and continues so for a number of days.

Upon the approach of winter, it is also the custom to substitute heavy outer garments for those of the lighter weights worn during the summer; this is largely a matter of habit and not particularly good or logical. While it is important that woolen undergarments should be worn during the winter since it constitutes a direct protection to the skin and guards against the unpleasant effect of sudden changes of temperature upon the surface of the body, a

variation in the weight and material of the outer garments is neither necessary nor desirable, for it is at least responsible for much discomfort.

During the winter, particularly in cities and towns, persons remain within doors not less than twenty out of the twenty-four hours of the day. In apartments, work-shops or offices the temperature is often superheated, sometimes reaching 80 to 85 degrees; this is practically summer heat, but without the fresh air which is available during the latter season, for the windows are kept carefully closed and with these unsanitary surroundings a person who is too heavily clothed is not only rendered uncomfortable but the surface of the body is very apt to become tender and moist. In this condition the skin becomes particularly susceptible to the lowered outside temperature within is often 50 or 60 degrees below that of the interior. There is no doubt that this condition is often directly responsible for the various ailments which so frequently occur during the cold weather. The fact is that during the winter we wear heavy and uncomfortable outer garments in order to be protected for a short time while in the open air, whereas our mode of dress should rather be compatible with the interior and then some form of heavy wrap added when we go outside. Under these conditions there is no reason why the same weight and texture of outer clothing should not be worn throughout the year, except probably the very thinnest material known as "tropical weight" which is used during very hot spells in midsummer. Those who have adopted this modern and reasonable form of dress are fully convinced of the comfort and protection which it affords, particularly within doors.

Protection against the diminished temperature outside should be provided for by the use of heavy coats or wraps upon leaving the interior—the great coat or "ulster" is an example of this form of garment, particularly for very cold weather and for evening use, and is made to cover almost the entire body.

It is also very important that special protection should be provided for the feet during cold and wet weather, for the footwear of the present day, particularly that worn by women, offers but little aid in this direction. Carelessness in this way constitutes the most common cause of colds, sore throats and other conditions which are not only uncomfortable but often prove dangerous. Waterproof shoes or boots exist chiefly in the imagination and offer little or no protection. Everyone should be provided with rubbers and overshoes and use them whenever the streets are damp or wet or covered with snow. Unfortunately this valuable form of protection is not popular in this country. Besides complaint is often made that they swell the feet; this is largely imaginative, for rubbers do not interfere with a person's comfort if they are promptly removed upon entering the house and not kept on for some time afterwards, which is a common practice. Proper protection of the feet and care to prevent the overheating of apartments during the winter months is far more important than the public realize.

The intent of this article is not only to instruct but to warn the reader against the many fallacious theories concerning the care of the person during the cold season. The protective measures which have been suggested are easily carried out and will go far to prevent uncomfortable conditions as well as the various ailments which are commonly present during the winter.

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Volume 4

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Number 8

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Heroes of Peace

Peace hath her victories
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—Milton.

When the dawn of the first day of February broke over Wisconsin the ground was covered deep with snow and beneath this dazzling cloak lay a stricken telephone plant. Winter, in one of his savage moods, had dealt a fearful blow. Cities and towns were cut off from communication with each other and local wire systems were paralyzed. For a time railways were unable to turn a wheel. It was the worst storm in the history of the state.

Before such a prospect the staunchest spirit might have quailed. But it is not on record that any of the plant employes of the Wisconsin Telephone Company made any suggestion of temporizing with the emergency. They met it squarely and successfully.

The details of their fight to restore the lines to service are told circumstantially by our Wisconsin correspondent in other pages of this issue. They form a stirring narrative.

The men who fought this fight, fought with no thought of glory or reward save the glow that comes with duty well performed. Some worked with comrades while others worked alone. One man was found unconscious in the snow, almost frozen to death. Many toiled through several days without rest

or sleep. And all this that a service, which their employing company stood pledged to render to the people, might be restored as quickly as was humanly possible.

Quietly, persistently, doggedly, Bell men combat each year the furious attacks of snow and sleet and wind. Dreary days and bitter nights find them fighting grimly until restored service marks their triumph.

They may not march in companies down broad avenues, keeping step to martial music, cheered by applauding multitudes. Their names and deeds will not be perpetuated in imperishable bronze—but they are heroes just the same.

Triple Alliance Minstrels

The promoters of the Triple Alliance Minstrel Show, the entertainment given for the purpose of raising funds for the destitute of Chicago, are to be congratulated upon the result of their efforts.

From an artistic standpoint the show was an unqualified success. From a financial standpoint, the receipts exceeded expectations, by more than \$2,000. The fact that three great public-service corporations were willing to entirely finance an undertaking of this character in order that every penny realized might go to the worthy object for which it was given, certainly refutes the charge of soullessness that is so thoughtlessly and unjustly applied to our great utility organizations.

The employes of the telephone, gas and electric light companies were generous in their response to the call for their services and were eminently successful in whatever sphere they were assigned to—whether it lay in the spotlight or in the background. All were willing, all were capable, and all worked together happily, inspired by the one desire—to extend the helping hand to humanity in distress.

Sound Business Doctrine

There is a stimulating message for all Americans in a little book recently issued by N. W. Ayer and Sons, a large Philadelphia advertising house. "Better Business" is the title and its

meaning is that "better" business means bigger business, wider prosperity, sounder political and economic conditions. The first sentences go straight to the mark:

"Just look about you, and you'll observe that this is the day of better things—better food, better homes, better health, better babies and better business. There never was a time when so many persons were trying in so many ways to make things better, and this desire for better things means much to the man with a business which deserves to succeed."

These philosophies of business also go deeper than publicity problems. Read this:

"Just now we hear a great deal about 'social justice,' 'the rights of the people,' 'the common good.' The same thought is expressed in many guises and applied to many phases of existence—social, commercial and political. This simply means that civilization is taking a forward step; that democracy is gaining ground; that men in mass are moving one rung up the ladder of existence.

"Extreme points of view are likely to be developed on either side; but be the struggle for a year or a decade, the result is always the same. Humanity at large wins. It would be a sorry world were it otherwise.

"It is, sometimes made to appear that business interests are opposed to popular progress; but this is not true. Business success in this country is predicated upon popular progress and popular prosperity."

Bogus Attachments

The Pennsylvania Public Utilities Commission has made a ruling that the Bell Telephone Company has the right to indicate what attachments shall be placed upon its instruments installed for patrons, and cannot be required to attach foreign appliances.

This ruling, coming from such a body, ought to settle the matter for all time to come. Not only has a telephone company the right to prohibit the attachment of foreign appliances to its lines and instruments but it is its duty to protect its service from the effects of making such attachments.

Worst Sleet Storm in History of Wisconsin Telephone Company Spreads Wreckage Over Southern Part of the State

Plant Men Restore Service After Days of Hard Work Under Conditions of Unprecedented Severity.

The most disastrous sleet storm in the history of the Wisconsin Telephone Company was experienced from January 31st to February 1st. After a period of mild weather a heavy snow storm started on Saturday, January 30th, and continued until Sunday morning, when the weather moderated and it began to rain. About noon on Sunday, January 31st, the wind increased to about twenty-eight miles per hour and shifted to the north. The rain turned to sleet, and began to stick to all exposed surfaces. This sleet continued until all trees, poles and wires were coated with ice. The wires collected a coating of ice about one-half-inch in thickness and three-quarters inch in depth and to this was attached short icicles spaced about one inch apart caused by the high velocity of the wind. The temperature dropped still more and the wind shifted to the northeast and increased in velocity to about forty-eight miles per hour, and it began to snow very hard. This heavy snow storm and the northeast wind continued all through Monday, completely tying up all road and street car travel and seriously interfering with railroad traffic.

On Sunday the telephone people who were keeping a careful watch on the changes in the weather felt sure that a severe sleet storm was approaching and began a systematic canvass of the different exchanges by telephone in order to determine the threatened area of the storm and to have all of our men and material readily available so that any damage which might result could be repaired with the least possible delay.

The Milwaukee-Marquette toll line, which carried the greatest number of toll circuits out of Milwaukee, failed at about seven o'clock Sunday evening, the Milwaukee-Stevens Point toll line failed next, and by Monday morning, February 1st, there was not an aerial toll circuit working out of Milwaukee. The only toll service that remained was by the underground cable between Milwaukee and Chicago and the intermediate points South Milwaukee, Racine and Kenosha.

With all toll telephone communication cut off and with all telegraph service out, the first problem was to determine in a fairly accurate way the extent of the damage. Early Monday morning men started out from all the different exchanges in the storm district to investigate the extent of the trouble as arranged for by the plant people before the storm interrupted communication. These men traveled as best they could, which was mostly on foot as the roads were completely blocked, not only by snow which was from one to two feet deep on the level with many drifts of from five to eight feet deep, but also by the toll line

leads themselves which in most cases collapsed in the center of the road where both the poles and wires were buried, thus helping completely to block all traffic. These men, struggling over roads that had not been traveled, through the blizzard which continued all Monday, secured the information in regard to the extent of the damage which was so essential intelligently to organize the work that was to be done and to secure the necessary men and material with which to do it. These reports were sent in by mail from different points outside of Mil-

waukee. These crews had to dig the roads out and make long detours.

On Monday morning at about seven o'clock Plant Superintendent Killam called W. E. Conrad of Vice-president Hill's office and asked him to send 100 linemen with their foremen at once. By 7:30 Monday evening 130 linemen and fourteen foremen arrived from Chicago. Preparations had been made for the housing of these men and a meeting was held with the foremen Monday evening, at which time the work that each crew was to do was mapped out.

By Monday evening the extent of the damage was fairly well known as well as the location of the most serious breaks, and the crews were sent to the towns along the different lines that could be reached by railroad, with instructions to make two circuits good with twisted pair wire, which had already been shipped by express, together with the other necessary material and tools.

The foremen sent to the various towns immediately started their linemen to work making the two circuits good, placing the twisted-pair wire on fences, trees, the ground and on the broken stubs of the old poles. Then they hired all the local help that was available and started to clear the roads, removing the old poles and wire and clearing a passage over which the other crews could work. In all 1,500,000 feet of twisted-pair wire was used for these emergency circuits.

There were ordered forty-two carloads of poles, 1,200 thirty-five and forty-foot class A poles, 1,700 thirty-foot class B, and twenty-five class C poles, 6,000 cross-arms, 1,575 miles of No. 12 N. B. S. G. copper wire and fifty miles of No. 8 B. W. G. copper wire to replace material rendered useless by the storm.

On the Milwaukee-Marquette toll line, which suffered the most severe damage, the towns where men could be housed and boarded were far apart, so arrangements were made to lodge the crews at different farm houses, halls, etc., along the route. At the Seven Mile House on the Fond du Lac road a dance hall was hired, stoves set up and seventy-five cots with bedding were sent out in order to accommodate the men. Cots were also used at different farm houses in order to supplement the sleeping accommodations. In all 200 cots with pillow, blanket and bedding equipment were ordered and sent out.

The emergency circuits were installed in a very short time, when the condition of the roads and weather are considered. This was accomplished by the faithful-



AFTER THE WISCONSIN SLEET STORM.

This picture is interesting for what it does not show rather than for what it shows. In the center may be seen traces of what was an important toll line before the storm demolished it.

waukee as no other method of communication was available, and began reaching the general office on Tuesday.

Before these reports were received rush orders had been placed for copper wire, poles and crossarms and these orders were so supplemented as to secure the material needed when the reports from the field were received. Poles were ordered for the different lines of the size and class which had previously been determined upon to use on these lines. The material was ordered shipped to those locations along the different lines.

On Monday such crews as were at hand were sent out with twisted pair wire to



AFTER THE WISCONSIN SLEET STORM. A Group of Milwaukee Plant Men Who Helped Restore Service. Behind Them Is a Small Mountain of Wire, Now Junk, Gathered Up After the Storm.

ness and untiring efforts of all the people concerned. As an example of the work that had to be done the Milwaukee-Marquette toll line furnishes a good example. Between Milwaukee and West Bend out of 1,177 poles carrying from four to five crossarms of toll wire, 693 were completely destroyed — in many cases not even leaving a stub available to which to attach the emergency circuits, and road traffic over certain portions of this line has not been restored up to the time of this writing, it still being necessary to make detours through fields.

As soon as the new poles arrived crews were set to work digging holes and setting poles. The weather moderated and the resulting water made all work very disagreeable. One hundred and fifteen pairs of rubber boots and eighty pairs of overshoes were sent out for the different crews. Pumps were sent out to keep the holes sufficiently free from water to enable the men to dig.

In all sixteen foremen came from Chicago with 130 men, and these, together with the local men they hired, made 224 men. These foremen had twenty teams working for them. In addition to the above the Wisconsin Company had thirty foremen, 410 men and sixty teams. This gave in all forty-six foremen, 634 men and eighty teams working in the field to restore service.

The work of rebuilding the pole lines is now in full swing and it was expected that the pole lines would be built and circuits strung and operating in normal condition by March 1st.

The storm damage was unquestionably the worst in the history of the Wisconsin Telephone Company, and the work of securing information promptly, after the storm had caused its devastation, was carried on by the loyal and efficient employes on their "scouting" trips. This is no less worthy of mention than the splendid work of actually restoring the service after the damage was known.

H. W. Lade, toll repairman, Milwaukee, who started "scouting" early on the morning of Monday, February 1st, to get information as to the extent of the damage, drove to Menomonie Falls, sixteen miles. There he had to give up his team and sleigh and go on foot to Jackson, fourteen miles, through snow drifts, breaking the road all the way.

Charles Tobin, foreman, Milwaukee, went to Campbellsport by train and started to drive south on the Milwaukee-Marquette toll line to Jackson. The poles broke off at the roadside, falling over into the road, where the team and Mr. Tobin and his driver were working their way through the snow, and on one occasion the men had to jump from the sleigh to escape injury. One of the broken poles narrowly missed striking the team, the horses becoming entangled in the fallen wires.

Frank Zarbock, foreman, Milwaukee, started "scouting" on the morning of February 1st, going to West Bend by train. He started to drive south, reaching a point about two miles from West Bend, when the driver refused to go fur-

ther with his team on account of the impassable roads. The team was left with a farmer. Mr. Zarbock started on foot toward Jackson, a distance of twelve miles, reaching that point almost ex-

hausted because of the hard work in breaking the roads, and wading through the deep snow.



AFTER THE WISCONSIN SLEET STORM.

A truck load of what was once first-class, valuable toll-line wire. It is now junk. The man in fur coat in the right foreground is Construction Superintendent J. P. Brennan.

On the same morning District Foreman Thomas Berry went by train to Port Washington and started to drive south on the Milwaukee-Manitowoc toll line with a team and sleigh. His team became exhausted in the deep snow drifts and fell four times. It was necessary for Mr. Berry and his driver to use their snow shovels to dig the horses out.

Manager Edwards at Lake Geneva started "scouting" east from Lake Geneva

on the Racine-Janesville toll line, reaching Burlington after many hardships and much difficulty on account of blocked roads, which made it necessary to cut through farm fields. He finally reached Burlington in the evening. Manager William Lawton at Genoa Junction, the same morning, started from Genoa Junction toward Burlington on the Genoa Junction-Burlington toll line, with about the same experience, reaching Burlington in the evening. They could not reach Milwaukee by telephone to make a report, neither could they send any telegrams because of the telegraph wires being down. It was then that Manager Lawton remembered that the Chicago Telephone Company had a toll cable running from Chicago as far as McHenry, so both Manager Lawton and Manager Edwards took the train from Burlington and went to McHenry and from that point telephoned the information which they had secured on their scouting trips.

Manager Goodwin of Burlington started east from Burlington to Racine and encountered about the same difficulties and hardships in the way of impassable roads, making it necessary to go through fields much of the time. He had to walk through snow drifts three and four feet deep in order to get details of the damage.

Frank Holmes, toll repairman at Burlington, left Burlington with a team on the morning of February 1st to repair damage to the Janesville-Mineral Point toll line. About the middle of the morning he was found unconscious in the snow by the roadside, having become exhausted by his struggle with the storm. Mr. Holmes was taken to Burlington and did not regain consciousness until late the same evening. He has, however, fully recovered.

Other scouts who did splendid work and encountered the same, if not greater, hardships in their hazardous and trying work were:

- Otto Rush, city foreman at Racine.
- H. W. Kendall, manager at Hartford.
- Chas. Courtney, repairman at Hartford.
- Walter Matteson, manager at Mayville.
- N. Bottomley, repairman at Burlington.
- H. Billett, manager at Oconomowoc.
- A. Halkior, manager at Jefferson.
- G. Parks, manager at Delavan.
- John Dwyer, foreman at Milwaukee.
- Emil Boetcher, foreman at Milwaukee.
- Phil Wolf, foreman at Milwaukee.
- William Plnnow, manager at Port Washington.

At this time General Manager Seymour desires to express his appreciation of the efforts of all employes who so loyally and efficiently carried out the work that was to be done to restore the service as quickly as possible. This is one of the occasions when the Wisconsin Telephone Company employes have most emphatically demonstrated that they are not only able and willing to carry out instructions as required in an organization of its kind but that they are competent and have the initiative necessary to meet successfully a serious emergency.



AFTER THE WISCONSIN SLEET STORM.

A Typical Case of Broken, Tangled Line.

Wisconsin Telephone Company Has Spread Wires of Bell System Over Populous Cities and Through Primeval Forests

Story of the Development of Service in the Badger State with an Account of Some Recent Improvements.

Speaking broadly, the chief activities of the Wisconsin Telephone Company in the development of new territory during the past year, have been in the district that comprises thirty-three counties, a majority of which lie north of the center of the state. In the older portions of the state the development of the service was greater, but it was expansion from a foundation previously laid. This district, which is in charge of the company's veteran district manager, P. J. Skolsky, whose headquarters are at Eau Claire, covers portions of the state now being settled and, territorially, more than half the area of Wisconsin, in all over 30,000 square miles.

This district once included all of the great pine forests that were so important a feature of the state's natural wealth, and it also contains the larger deposits of iron on the Penoque and Gogebic ranges.

The census of 1910 indicates an average increase of population in the upper counties of this section of about seventy per cent, which has been somewhat accelerated since that date. The region has been opening rapidly to settlement and many of the principal cities show a considerable increase. Superior, at the head of the Great Lakes, has been the second city in Wisconsin for nearly two decades.

The general development of the country has been exceeded, however, by the development of the "telephone habit," for against seventy or eighty per cent. of increase in population, the record of twenty-one of the principal cities of this district shows an increase within

a decade of 211 per cent., from 7,189 stations in 1905 to 21,927 on January 1, 1915.

The principal work of construction in the northern part of this field, during 1914, was the completion of the line from Ashland southwest to Drummond, at that point connecting with and completing the line to Hayward, traversing portions of Ashland, Bayfield and Sawyer Counties. Thirty-eight miles of this line had been built between the two points last named in 1912. The extension to Ashland added thirty miles. In all, the completed line from Ashland to Hayward is, therefore, sixty-eight miles long.

Much of the territory traversed by this work was covered with pine timber ten years ago, and the roads are the suc-

cessors of the "tote" roads of the lumbermen, with the "real thing" wherever you leave the main thoroughfare, which is itself often very primitive. This line is built to anticipate a rapidly growing agricultural settlement that is succeeding the clearing of the land, and is con-

Tomahawk Lake, McNaughton and Manitowish were cut in on the main line.

The line traverses portions of Oneida, Vilas and Iron Counties, through the famous Manitowish lake region. There are 200 or 300 lakes, large and small, within a radius of fifty miles, and the roads are of the primitive type that lumbermen have made chief use of in freezing weather.

Both of these new lines are located in historic country and each traverses portions of one of the famed water-sheds of the continent, for great streams like the Wisconsin and Chippewa Rivers, that have their sources in lakes and streams which overflow into each other in high water, here part their waters to seek the Atlantic Ocean by way of Lakes Superior and Michigan, while others seek the Gulf of Mexico, after flowing the length of the Mississippi Valley.

The development above described suggests the pioneering character of much of the Wisconsin Telephone Company's progress in territory hitherto sparsely populated or wholly unsettled. It needs no special emphasis to impress the fact that this pioneering is one of the most important factors in hastening the growth of the country.

The remaining thirty-eight counties of Wisconsin comprise all of the oldest and most populous sections, and are divided into districts as follows:

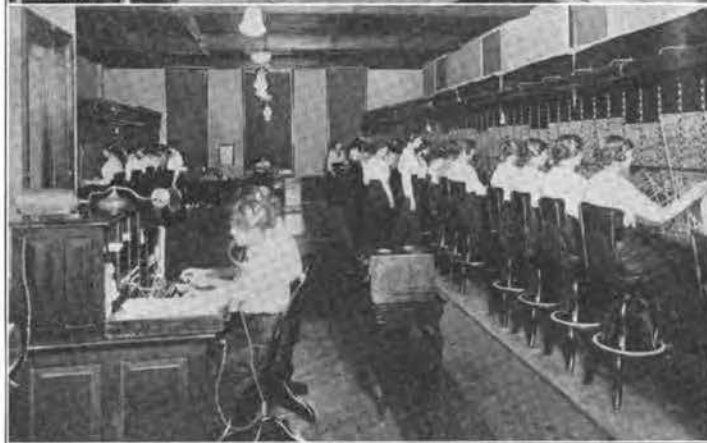
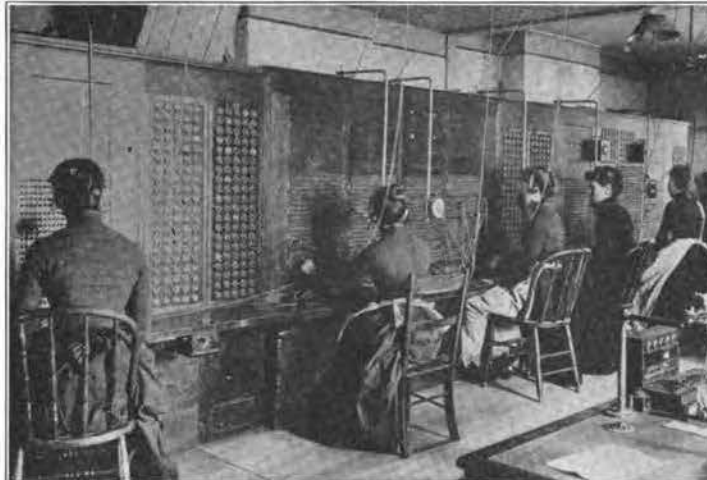
The Milwaukee District of eight counties, George C. French, district commercial manager, located at Milwaukee.

The Appleton District of nineteen counties, J. T. Quinlan, district manager, headquarters at Appleton.

The Madison District of nine counties, C. L. Miller, district manager, located at Madison.

The Janesville District of four counties, W. N. Cash, district manager, located at Janesville.

The story of telephonic development in the state is interesting for its endorsement of the theory of "universal service" and the spread of the idea that in cooperation there is strength and satisfaction. This is manifested in the fact that there are but seven places where dual service survives and that all but about 10,000 of the telephone users in Wisconsin can reach every other user by reason of



YESTERDAY AND TO-DAY IN MILWAUKEE.
Above—Milwaukee Central Office in 1883. Below—West Office, Milwaukee, in January, 1915.

structed of twenty-five-foot, Class C poles, and is a bracket line of No. 12 copper wire metallic circuit. From the main line a "leg" was built into Mason and another to Grand View, and the towns of Benoit, Bibon and Cable were cut in on the main line.

Another piece of construction work of importance was the completion of the toll line from Rhinelander to Hurley, twenty-seven miles of which had been built, from Rhinelander to Minocqua, in 1908. The remaining fifty miles of No. 12 copper wire metallic circuit was completed in 1914, making a line seventy-seven miles long between the two principal points, with "legs" to Minocqua, Lac du Flambeau, and Mercer. The towns of



C. L. MILLER,
District Manager, Madison.

mutual agreements for connection between the Wisconsin Company and other telephone companies in the state.

But ten years back, *i. e.*, on January 1, 1905, the connecting companies numbered 150 with 9,249 stations. To-day there are 329 such companies, and including roadway service 502 companies cooperating with the Wisconsin Telephone Company, with an aggregate of 281,389 stations.

The total growth of the Wisconsin Bell service since 1905 is, approximately, 200,000 stations within the decade, or an increase of nearly 550 per cent.

The growth in the decade receives further emphasis from the fact that at the beginning of 1905 the company owned but twelve exchange buildings in Wisconsin, and to-day the number is doubled. In Milwaukee it owns ten office buildings, and in the state fourteen, at the following points: Appleton, Beloit, Baraboo, Eau Claire, Fond du Lac, Green Bay, Janesville, Kenosha, La Crosse, Madison, Neenah, Oshkosh, Oconomowoc, and Racine.



J. T. QUINLAN,
District Manager, Appleton.

Within the year the pressure of business necessitated the enlargement of buildings at Madison, Eau Claire, Oshkosh, and Green Bay, and new buildings are in contemplation to meet the increasing demands of traffic in Superior and on the South Side in Milwaukee.

The Superior building will be three stories in height, with basement, and having a foundation sufficient to carry a fourth story; ground dimensions, forty feet, six inches, by seventy-three feet, seven inches. There will be ground enough for a building 137 feet in length, when needed. The building will be constructed of reinforced brick and concrete and will be practically fire-proof. The exposed front will be faced with red brick, stone base and terra cotta ornaments. The vestibule, stairs, stairway, and some of the floors will be finished in art marble, the remaining floors cement. Especial care will be devoted to features for safety in case of fire. A safety stairway in an "L" that will be cut off by fire walls from the building proper will be



P. J. SKOLSKY,
District Manager, Eau Claire.

accessible from every floor. The building is estimated to cost about \$41,500, with a \$44,500 central-office equipment.

The Wisconsin Telephone Company now reaches about 1,900 points in the state, and there is a Bell telephone for each 1.8 families, reckoning five persons to the family. This means that considerably more than half of Wisconsin's 2,500,000 population are "on the wire" and the other half are within easy call.

Winter in the Upper Peninsula

Winters in the Upper Peninsula of Michigan are REGULAR winters. The first snow, that is, the snow that stays on the ground, comes about January 1st, and from this date on up to and including April 1st there is no let up in the fall of snow. Linemen must be prepared not only for the snow but the severe cold weather prevailing from January 1st up to the middle of March, and they are heroic fellows who go out after local and toll-line trouble.

The thermometer at certain places in the Upper Peninsula during last January fell as low as forty-eight degrees.



GEORGE C. FRENCH,
District Commercial Manager, Milwaukee.

This occurred at Humboldt. Ishpeming and Negaunee showed as low as thirty-two degrees, Ironwood as low as forty-seven degrees, Republic forty-seven degrees, Michigamme forty-six degrees. Many lines were broken and toll repairmen were obliged to go out and follow them up on foot, as the majority of the toll lines run along the railroads and not along the highways. We have a number of reports of frozen ears, frozen noses and frozen fingers, and in some cases, frozen toes—that is, not severely frozen, but quite severe frost bites, hence a great deal of credit must be given these men in the Marquette District. Our correspondent speaks in particular of Mort Roberts, Mr. Hartman and Mr. Fitzpatrick. Mr. Hartman, at Ironwood, was out from January 24th up to and including January 29th, during the most severe cold. Mr. Roberts was out, off and on, the whole month. Mr. Fitzpatrick, of Houghton, was out continuously January 28th and 29th. During this trying time not a word of complaint was heard from any one.



W. N. CASH,
District Manager, Janesville.

Madison, Capital of Wisconsin, Holds Telephone Station Record of the United States

With a Population of Less Than 30,000 the City Uses Almost 9,000 Bell Instruments.

In the history of the telephone development at Madison, the capital of Wisconsin, the Wisconsin Telephone Company can claim a record that is unrivalled in the United States. The telephone development of Madison is twenty-eight per cent., which is five per cent. higher than that of San Francisco, California, which has been credited with standing at the head in America.

Madison is to-day a city of 29,463, according to the estimates of the United States Census Bureau. The telephone history of Madison began in 1884. By 1892 the equipment consisted of two switchboard positions, serving ninety subscribers. In 1900 the number of subscribers had increased to 400, and ten years ago, in 1905, Madison's list had reached 525 subscribers. To-day there are 8,361 subscribers within the city limits, and 398 rural stations belonging to the exchange, in all 8,759 subscribers.

These figures show not only a geometric progression in the growth of the business at the capital city, but an increase far exceeding the growth of population, although that has been rapid, for Madison had only 19,164 inhabitants according to the census of 1900.

The same story is told in another form in the development of the mechanical facilities of the office. The two-position switchboard of 1892 had grown by 1905 into a modern, common-battery switchboard, with all the then modern improvements. To-day the local exchange switchboard has thirty positions, and a new section is being added, which will bring the number up to thirty-three. The present toll board is of six sections, with twelve positions, but it is about to be replaced with a toll board of eight sections and sixteen positions.

Arrangements to accommodate these new facilities have necessitated an addition to the building, increasing the present floor space of 7,470 square feet, by 11,430 feet, providing a total floor space of 18,900 square feet.

The occasion for this considerable extension of office facilities is further suggested by the fact that Madison plant measurements indicate 126 miles of poles and 11,000 miles of wire in cable. Sixty-six toll lines connect with the Madison toll board, and toll calls already number 2,000 per day, with 57,000 local calls handled daily by the local exchange.

These facts require no embellishment to the readers of the BELL TELEPHONE NEWS, because to them they speak, in volumes, of activity and efficiency in which the Wisconsin Telephone Company may be pardoned for having special pride.

The manager at Madison, J. P. Branhany, has a busy office, as the facts above

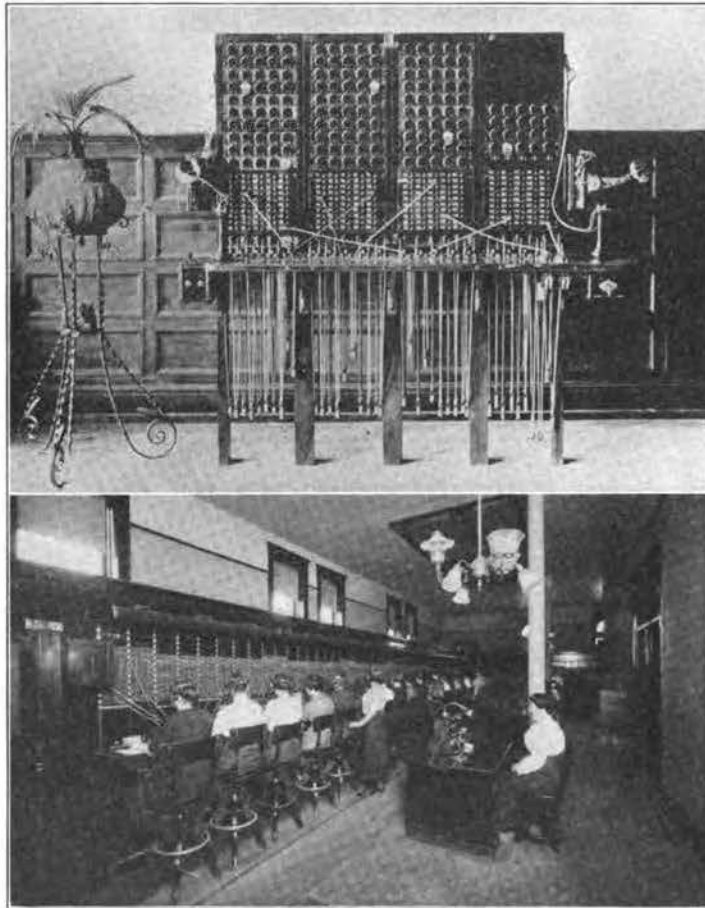
There are several general principles, however, underlying the subject; the most important one, it impresses me, being that of promptness. Do not let the subscriber nurse his grievance; start your investigation immediately. Go carefully ever the company's end of the controversy, if it may be called such, and should it develop that the fault lies with us, don't try to pacify your man with excuses, but come out into the open and candidly admit the truth and assure him that everything possible will be done to safeguard him from a repetition of the difficulty in the future, and then see to it that you make good your promise. Express your appreciation of having had your attention called to the matter; tell him that while it is the purpose of the company to give only the best service, this is possible only by cooperation of the subscriber.

Patience is another factor. Listen to the subscriber's statement without interruption, as oftentimes what he says will clear the situation, as he will be found to be laboring under a misapprehension of facts or conditions, and a word of explanation from you will set him right.

While not strictly apropos the subject in hand, I want to speak here of the great good that has been accomplished by holding visiting days. They have been a wonderful educator. The company and its patrons have been brought closer together. The subscriber has come to a better understanding of what the company has to contend with in the conduct of its business. This has had a tendency to soften him, making him less aggressive and more kindly disposed.

If there is any meat in the maxim, "An ounce of prevention is worth a pound of cure," let us get it. This matter of complaints is receiving the constant and careful attention of the company, the trend of its study of the subject being towards improved methods in all departments, resulting in the promulgation from time to time, of rules and instructions which, if adhered to, cannot help but cut down the causes, and, of course, the number of complaints.

Now and then we are criticized severely by some highstrung subscriber who claims that we are too arbitrary, etc. These are the trying situations which provoke us to lose our tempers and yield



WHAT TWENTY-THREE YEARS DID IN MADISON.

Above—Switchboard of Madison Central Office in 1892. Below—Madison Operating Room in 1915.

stated indicate, and his post at the seat of the state government is also one of large and often exceptional responsibilities.

Adjusting Complaints with Subscribers

E. P. Parish, District Commercial Agent, Appleton.

While the adjustment of complaints with subscribers is no extremely difficult problem, neither is it a simple one, at least not to such an extent as to make possible the application of a hard and fixed set of rules. Conditions differ both as to the nature of the complaint and the complainant, making it impossible to follow out any certain prescribed methods of adjustment.

to temptation and say "we rather think we know how to run this business and propose to do so without outside interference." If we give utterance to this thought we very materially lessen our chance of a quick and amicable settlement with the subscriber.

However, I do not counsel the manager to play the coward either under such circumstances. You must ever justify your position. Point out the need of the company's rules, applicable generally.

I have known a faint-hearted manager to say to the subscriber, "Well, the rules are not of my making, I am only a hired man around here, and as long as I want to hold my job I must carry out instructions." While possibly thereby the manager has made it a little easier for himself, I think that ultimately he will realize the price paid for his peace of mind was somewhat high.

Volumes might be written on the subject of complaints involving companion troubles, and while the above suggestions are applicable to such, I want to add that when offering single-line service as a remedy for all the ills party-line service is heir to, first satisfy yourself that the party can afford the more expensive service, and then do not urge the matter to a point where a suspicion is aroused in the subscriber's mind that you are only trying to get more money out of him. A demand from a subscriber "to change the party on his line" or "to change him to another line," something we do not ordinarily undertake to do, must be handled with good judgment, as plant propositions are involved with which the subscriber is not acquainted, and the matter must be gone over with him thoroughly, to the end that he may understand why such a change is often impracticable.

While it may be true that the path of the "adjuster of complaints with the subscriber" is not strewn with roses, still there are pleasant tidings in connection with the work if we can only see them.

Philadelphia to 'Frisco

Telephonic communication between Philadelphia and San Francisco was inaugurated February 11th over the Bell system by three taps on the Liberty Bell, the sound of which over the wire was the signal to a bugler in San Francisco to play "The Star Spangled Banner." The strains of the national anthem were distinctly heard by 200 persons who held receivers to their ears in Philadelphia. Several high officials of the Bell Telephone Company of Pennsylvania, including President Bethell, were present.

Mayor Rolph, in San Francisco, and Mayor Blankenburg exchanged a number of compliments and pleasantries. Mayor Rolph urged Philadelphians to send the Liberty Bell to the Panama-Pacific exposition.

The commandant of the Philadelphia navy yard talked to the commandant of the twelfth naval district in San Francisco, while Alexander Graham Bell, in Washington, listened to the conversations.

Improvements at Oshkosh

The Oshkosh exchange building of the Wisconsin Telephone Company was erected in 1901. A new addition just completed provides approximately 3,000 feet of additional floor space and was erected at a cost of \$12,000.

The first floor of the addition will for the present be used by the commercial department. Part of it, however, is intended ultimately to serve as operators' quarters when the growth in traffic demands the additional forces.



CENTRAL OFFICE BUILDING AT OSHKOSH.

The second floor provides for an extension of the local operating room, also for an operators' dining room and a kitchen. The entire building has just been completely overhauled and redecorated.

In 1890 when A. C. Gallagher was appointed manager, there were but 180 subscribers. At the present time there are over 4,900 subscribers connected with the Oshkosh exchange and growth continues at a rapid rate. The Oshkosh service is very popular with the subscribers.



A. C. GALLAGHER, Manager at Oshkosh, Wis.

Clearing Trouble in Michigan

We have all seen the Bell System advertisement showing the lineman on snow shoes in the midst of a whirling blizzard, and occasionally in Northern Michigan this picture is exactly true to conditions.

On January 31st, the temperature in the morning at Cadillac was very near zero. At noon it started to rain and by 5:30 in the evening there was heavy sleet. Although the temperature dropped and snow came at about 6:30 on the evening of the thirty-first, the territory to the south of Cadillac had suffered badly from the sleet.

On the morning of February 1st James Plotts, wire chief at Cadillac, found the carbon holders on the lightning arrester for the toll line south burned off so that the carbons had dropped out. Every circuit south was out of order. Repairman Fred Lind started out on February 1st to the south, and by working nearly all day he got out four miles in the heavy snow. His horses were down eight or nine times and he finally called in that his horses were stalled in the snowdrifts and he could get no further. Repairman Lind was then instructed to come in.

The next morning Repairman Ingman started out equipped with his usual kit and in addition a pair of long skis. He took the train to Osceola Junction, walked from there on his skis to Tustin, seven miles, where he again took the train and went into Leroy. At Leroy he was able to get a team with which he made three miles. Then he resorted again to the skis and he walked into Ashton. Thoroughly exhausted with his day's struggle in the snow, he remained overnight at this point and started out the next morning for Reed City, again using the skis. In the meantime Cadillac had arranged for a team to start north out of Reed City and this team met Repairman Lind three miles out.

In the meantime, on February 2nd, Repairman Fred Lind again went south of Cadillac. He managed to drive the team about three miles before the snow finally made it necessary to send the team back. At this point Lind put on snow shoes and walked a distance of seven miles to Hobart, where he found his trouble.

On February 3rd Repairman Lind went through to Lake City, a distance of twenty miles. It should be borne in mind that this was accomplished notwithstanding the fact that the mail did not go out for three days and the railroad train for Lake City did not leave Cadillac for four days.

Both of these men deserve great credit for their work because it is no easy matter to walk all day long on either skis or snow shoes, carrying a coil of wire, a pair of blocks, and the necessary tools. The work is especially discouraging when the lineman knows that his nearest stop is seven miles away across snow three to fifteen feet deep.

Once in a while there is a compensating feature. Sometimes the snow is so deep the lineman does not have to climb the poles.

The Story of a Subscriber's Bill

By O. B. Koepke, Division Auditor of Receipts, Milwaukee.

The basis of practically all activities of the revenue division is the bill, whether it be rendered for exchange, toll or for other services. It is of vital importance to the commercial department in that it provides for the collection department the necessary instrument by means of which it is possible to produce the wherewithal for keeping intact and in good working condition all the cogs of a telephone company's entire organization.

Under existing conditions, the bill is therefore one of the very important essentials of the company's continued existence and it may be interesting to trace its evolution from the beginning to its final place and result in the balance sheets of the company.

It directly underlies all of the work performed in the revenue accounting offices.

The career of the exchange service bill begins with an electrically driven automatic feed Addressograph machine, an ingenious invention which prints the three impressions, one each on the bill proper, the bill stub, and the office stub, in a way that appears almost human to one who may not have before witnessed its operation. The impressions are obtained from small metal plates upon which the numbers and letters appear in raised type. The information on these plates is obtained from manager's work orders and is imprinted upon the plates by means of a "Graphotype" embossing machine operated by girl clerks. It includes telephone number, name and address of subscriber, as well as the charge for the period billed as per contract. The plates are kept sorted in telephone number order, by exchanges, in drawers and cabinets located conveniently near the automatic feed Addressograph machine.

When the billing process is about to begin, a drawer full of plates is emptied into a receptacle at the rear of the Addressograph whence they are fed under the printing bed of the machine. A quantity of the bill forms are then placed in an inclined holder at the side of the Addressograph. Electric current is turned on, the switch released and the printing of the bills begins. Several metal fingers are provided to govern the passage of the bill over the printing plate so that the information will appear in the proper place upon bill, bill stub and office stub. As the machine starts, the bill form is picked up by suction, passed over the metal plate, so that three impressions are secured, and is then deposited in a similar inclined holder arranged for on the other side of the machine, completing the process for one bill.

This continues until all exchange service bills have been completed.

No handling of the individual bill is necessary as the machine takes care of that. Continued attention is necessary on the part of the operator in taking away the bills as they are finished, inserting a new supply of blanks, taking away the plates which have passed through the machine and inserting new ones. Under normal working conditions 123 impressions or forty-one bills will be produced per minute.

It is interesting to compare the present method with conditions prevailing many years ago, when it was necessary to write out each individual bill in pen

outlet for the electricity which otherwise would hold the paper partly suspended in the air. In other cases it is necessary to remove the machine to another location where conditions are more favorable.

After the bills are completed, they are turned over to the ledger clerks. The ledger clerks have in the meantime received the toll service statements against the subscribers from the toll section and posted up the charges to the proper accounts. Toll charges are thereupon entered on bill, bill stub, and office stub of the exchange service bill. Similarly, balances, if any, are posted to the exchange service bills, after which the latter are footed and toll service statements attached.

The charges for exchange service, toll service and the balance shown on the subscriber's bill are then checked with the amounts appearing in the subscribers' ledger and the individual items underscored, indicating that the bill has been checked through the ledger and turned over to the mailing department to be forwarded to its destination.

In order to have the bills at the exchange on the first of each month or earlier, it becomes necessary to suspend the posting of cash payments a few days before the close of the month. Where payments have been made after the last day's cash posting they must be considered in arriving at the amount of the balance due from the subscriber on the first of the month.

After the bills have been checked through the ledgers, the amounts shown on the bills and appearing as charges on the subscribers' ledgers begin to assume definite form so far as their effect in connection with the company's financial position is concerned.

The charge columns of each page are footed, a summary of all the pages for each exchange is made and a grand total of all exchanges is obtained.

The grand total of the charges is identical with the total amount of the bills placed in the hands of managers and others for collection.

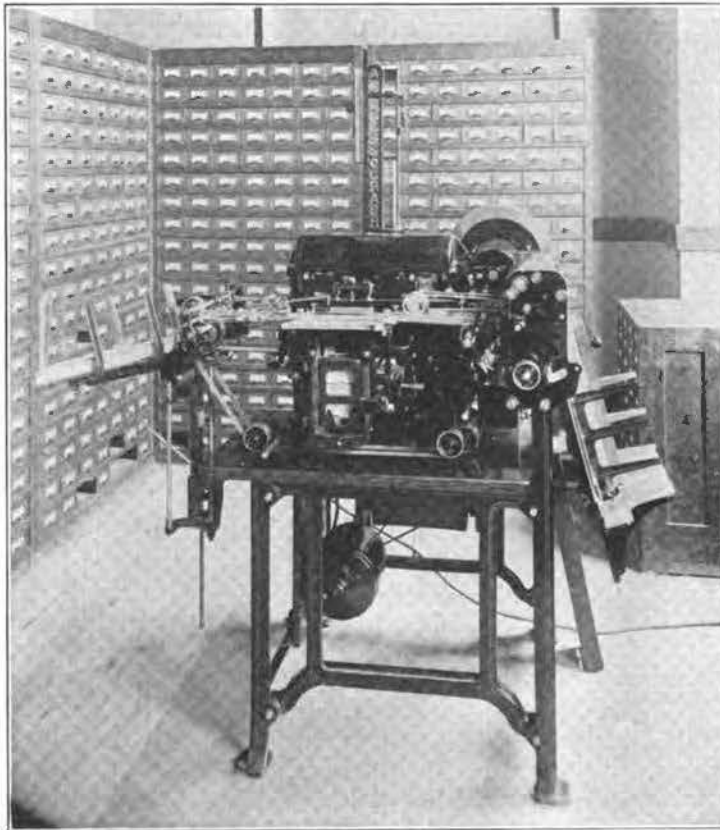
The total charge against managers and others for collection is offset by credits to various revenue accounts, exchange service, toll service, etc., which constitute the gross earning power of the company, the latter being influenced considerably by the degree of diligence exercised in the collection of the bills described herein.

Assistance!

End-man—"Have you heard what the poles are doing for Russia in this war?"

Interlocutor—"No, what are the Poles doing for Russia in this war?"

End-man—"Holding up the telephone wires, of course!"



AUTOMATIC FEED ADDRESSOGRAPH MACHINE.

and ink. Somewhat more recently, the bills were printed on a similar machine not nearly so complicated, however. In this instance, the bills were printed by means of plates holding rubber type, but each bill had to be handled individually and the machine was operated by foot power.

As is evident from the above, our latest type machine means a considerable saving in labor and in addition to this it insures greater accuracy in the rendering of bills.

As against this the new apparatus requires a more thorough understanding of mechanical detail as the machine must be kept nicely adjusted in order to produce the best results.

Static electricity produced by the friction of the rubbing paper, while the bills are being printed, is apt to prove troublesome. It is sometimes remedied by grounding the machine and providing an

"A Day in the Depot"

The Milwaukee Auditorium was the scene of unusual activity on Tuesday evening, February 16th, when forty employees of the Wisconsin Telephone Company presented, in the Plankinton Hall, a one-act comedy, "A Day in the Depot." The play was original and presented a scene in the "Union Depot" full of incidents of telephone work.

The part of "Bill the Policeman," taken by William Schilling, cashier for the company, was well carried out and most amusing. "Bill" was found asleep

hit and elicited encore after encore. His solos were supplemented by a linemen's quartette composed of Engineer William Hobbins, W. H. Cushman, Jim Gaffney, and C. W. Wilson. The chorus of the song "It's a Long Way to San Francisco," which made them particularly popular, was as follows:

"It's a long way to matrimony,
It's a long way to go.
It's a long way for McEntry—
He's a bachelor, we all know.
"Hiller, Moore and Lincoln,
Your doom is drawing near.
"It's a long, long way to matrimony,
But next year's leap year."

the meetings in just the form that they had previously been carried on. These meetings were "Get-together-good fellowship" meetings, intended to make it possible for the individuals of the different departments to know each other better and to establish that kind of an acquaintanceship which would make it possible to secure better cooperation, and it has really developed an efficiency that is marked.

The former meetings were made up of musical numbers and two or three amateur acts, usually comedy, put on by the



STAGE SETTING AND CAST, "A DAY IN THE DEPOT."

in the telephone booth waiting for a telephone call to the general office, endeavoring to reach the company's attorney to arrange bail for General Manager Seymour, whom "Bill" had arrested on Prospect avenue for speeding at eight miles an hour. "Bill" contended that eight miles an hour was reckless driving for Mr. Seymour.

This part, the part of "Claire," the public attendant who received a fire drill, the presentation, and the jokes of the players on the officials and employees kept the audience in a constant uproar.

A "Blue Belle Chorus" composed of fifteen operators from the various exchanges represented a group of stranded chorus girls attired in blue slips with caps to harmonize. They made a very pretty appearance on the stage and their songs and dances were unusually artistic and would have been a credit to a professional company. Their most popular song was a parody on "Tingle-tingle" from "High Jinks," entitled "Tingleling Bells," which was effectively set to words to fit the telephone situation by Mr. Cushman.

"We girls say, 'Number, number, number, number, number, please,' all day, That very way, to earn our pay. We keep cords moving across the board from jack to jack, And sometimes, you know, we give your nickel back. We answer you and others, too; Yes, quite a few, just lift the hook. We take one look and give good service to you."

Five young lady clerks in the division auditor's office presented a pretty and interesting sketch as school girls. The presentation of their parts by all the young ladies was especially finished, and the success of that part of the comedy was due to the careful training and arrangement of details by Elizabeth Rosche.

Jim Gaffney's song, as usual, made a

number that excited considerable interest and was not only a credit but an indication of considerable artistic ability, was the up-to-date dancing by Norma Imig and W. H. Cushman.

"Shorty the News Boy's" poem on the "Things You and I Will Never See" brought out the characteristics of a number of the officials and excited lots of fun and laughter.

It remained for A. F. McKivitt, Milwaukee traffic chief, and Walter Witt, credit man, to cap the climax. Their appearance as baldheaded twins clothed in Buster Brown suits made the house vibrate with laughter. From the time they appeared on the stage until the curtain dropped, it was difficult for the other performers to make themselves understood owing to the laughter of the audience.

The characters of "Station Master," by Thomas S. Bell; the "Janitor," by Percy Kynaston; the "Salesman," by P. A. Easte; the "Lunch Counter Man," by E. A. Freeze; the "Ticket Agent," by William Kindt; "Deaf Old Lady" and her niece, by Maud Daly and Margaret Wilke; the "Collector," by Joseph Herr; the "Porter," by William Schroeder, and the "Baggage Man," by George Dunning, were all performed with rare ability and much to the amusement of the audience.

The play was in charge of Elizabeth Rosche, directress; W. W. Hiller, manager; T. N. Moore, business manager; L. J. Fitzgerald, property man, and C. T. Loring, carpenter.

The comedy lasted until 10:15 p. m., and after the performance the employees repaired to Juneau Hall, where they danced for an hour.

The telephone company has for a number of years past held employees' meetings in the Grand Office building on the eighth floor, but on account of the increase in business the occupancy of that

floor has made it necessary to suspend employees, and followed by dancing.

Due to the fact that there has been no opportunity to have these meetings in the office building on Fifth street, arrangements were made to secure Plankinton hall, in the Auditorium, and the comedy was put on in a manner that is a credit to all who took part, and those who had to do with its management, and an especial compliment is due to Walter W. Hiller, who was actively responsible for its promotion and success. Those who took part are to be congratulated on the results of their efforts, as those who attended attest that the "One-Act Show" was a real comedy. It was one run of laughter from the time the "Station Master" appeared on the stage calling the trains, until the last song was sung. All of which the 1,500 employees and their friends thoroughly enjoyed—every feature of the program.

Novel Dinner Greeting

When the Far Western Travelers' Association held the second annual dinner on the night of February 9th, at the Hotel Astor in New York, the travelers' associations of San Francisco called up on the transcontinental telephone line, sent their greetings, and invited all present to attend the Panama-Pacific exposition. There were more than 1,000 guests at the dinner.

Collector of the Port Malone talked with Collector Davis of San Francisco and invited him to confer over the telephone at any time a knotty point arose in their work.

In Rogers Park

Night chief operator to switchboard man: "The pilot lamp in panel 43 is out of order. It was out all last night."

Switchboardman: "I couldn't work, either, if I had been out all night."



Safety First and Accident Prevention



SAFETY STANDS FOR LIFE AND PROSPERITY, FOR HAPPY HOMES, SMILES AND GLADNESS, WHICH GIVE TO LIFE ITS JOY

TIME IS THE STUFF LIFE IS MADE OF. DON'T LOSE ANY OF IT BY TAKING UNNECESSARY CHANCES

THIRD BASE HOLDS NO LAURELS. IT'S THE MAN WHO GETS HOME THAT COUNTS

The careless use of any appliance is an abuse and carries with it a penalty. Last month we called attention to the advisability of protecting the eyes when using the drill or performing any service where particles of flying foreign matter were likely to come in contact with the eyeball if left exposed.

It is now sought to impress upon all the danger inherent in the careless use of ladders. This familiar, homely contrivance is indispensable to the telephone craftsman but upon its proper use, adjustment and tested strength depend his safety and the safety of others.

That the ladder is peculiarly susceptible to misuse seems to be borne out by the accident records. These indicate that many accidents are due to its being improperly placed or to its unsafe condition. In cases falling under the latter head the accidents could all have been avoided had the ladder been given just a little attention or test before any attempt was made to use it.

Last year, in the Chicago company, a number of accidents occurred due to ladders. Either the user did not display ordinary care in placing the ladder or else he used one that was unsafe. There is no use trying to enumerate the wrong ways of using a ladder nor is there any

telling what will happen to a man when a ladder slips. In using a ladder, first, see that it is good and strong; second, be sure of the floor or ground on which it is to rest; then place it squarely in position and proceed with your work. A ladder should be used only in the way that was intended by the manufacturer. A step-ladder, for instance, should not be used without completely extending its folding legs. In placing a ladder of any kind, great care must be taken to see that it cannot slip. While working on a ladder, indoors or out, we should carefully avoid throwing or dropping tools to the floor or ground below. A considerable number of accidents occur each year, in which people are injured by tools, etc., being dropped, accidentally or otherwise, by workmen on ladders.

Another dangerous practice is to leave a ladder resting in working position while doing some other work. A case due to an act of this kind, which resulted in considerable loss of time, trouble and expense in disposing of the claim, occurred last November. An installer in the North division of the Chicago company had a job in which it was necessary to use a twelve-foot ladder. He picked up one in the vicinity and placed it in position for use. Before the work was completed,

however, the workman went to lunch, leaving the ladder resting against a wall. While he was gone, the ladder, from some undetermined cause, fell and struck a person passing by. Ladders not in actual use should always be folded, lowered and placed on the floor or ground in such a position that they cannot slip or be pushed over and strike someone!

In January, 1914, in the North Construction division of the Chicago company, a lineman was standing on a ladder cleating cable to a building. The ladder slipped and he fell eight feet to the cement walk, bruising his head and left shoulder. Several weeks later he was able to return to work, but did not entirely recover from the accident for eight months. If the ladder had been securely placed at the beginning of his work, this man would have been saved several weeks of suffering and loss of time.

In July, a private branch exchange employé of the Chicago company was working in a basement and while standing on a ladder it slipped from under him. The installer fell and bruised his left leg severely, and the ladder struck the subscriber's employé working nearby. In this case, the ladder used was a borrowed one and was broken by the accident. Such an occurrence as this is absolutely needless.



WRONG.

Do not stand a ladder up on one leg or allow it to lean unevenly and insecurely at the top.



RIGHT.

Set up a ladder squarely on two legs, on a surface which will not give or cause the ladder to slip, and let the upper ends rest squarely against the wall.



WRONG.

A lazy man stretches and strains, and risks losing his balance rather than reset his ladder.



THE WRONG WAY.

In the first place inspect a ladder before, not after, it breaks; and in the second place, see that it is properly braced before using.

In March, a North Installation employe of the Chicago company was standing on a step-ladder replastering a hole in a basement ceiling. The step-ladder slipped and closed up, causing him to fall to the cement floor of the basement. He suffered for the next four months, working only part of the time. This is another case which was absolutely unnecessary as the accident would not have happened if the ladder had been properly placed and braced in the first place.

A little care at the right time would have prevented all of the ladder accidents that have occurred to the employes of the Chicago Telephone company. Too much stress cannot be laid upon the statement that the ounce of prevention, the careful attention to small details, is essential to the well-being of all. Therefore let it be the aim of each one of us



THE WRONG WAY TO USE A STEP LADDER.

to do all that lies in our power to safeguard ourselves and others from preventable harm by the intelligent application of the watchwords—Safety First.

Troublemen "On the Job"

Foreman M. Grund and splicers and helpers L. Prince, R. Rock, F. Hannon, G. Fehl and G. Marsh, of Chicago, were heroes of a thrilling rescue from fire about 2:30 in the morning of February 2d. While they were clearing a case of trouble in a vault just east of Western avenue on Polk street Foreman Grund, who happened to be standing above the vault supervising the men, saw a building on fire on the west



SHOULD THIS MAN FALL, IT WOULD BE HARD TO CONVINCE HIM THAT IT WASN'T DUE TO HIS USUAL "BUM LUCK."

side of Polk street about 200 feet west of Western avenue. He immediately called the splicers and their helpers, and they closed the hole and went to give all the assistance they could. One of the men had a fire box key with him, and he ran two blocks and pulled the alarm, while the balance broke into the building just west of the fire. The fire was in an old church now being used as a picture frame factory. The men could not get any response from the tenants and it was necessary for them to break in the doors.

Helpers Rock and Fehl went to building at 2435 Polk street, first floor, and kicked in the door. The tenant was aroused from his sleep and came to the door with a gun in his hand thinking the men were burglars. On being told of the fire, he apologized and helped to rescue his family.

Members of a family named Francis, at 2439 West Polk street, were partly overcome by smoke and it was necessary for the splicers and helpers to carry them out and across the street. They carried out



THE RIGHT WAY.

four small children and one girl about seventeen years of age. Miss Francis showed her appreciation by presenting the boys with four boxes of cigars.

Fire at Plainfield

On February 1st, fire which originated in an adjoining building, completely destroyed the Plainfield, Wis., exchange of the Union Telephone Company. The switchboard was not saved and as a result all local service was suspended. Long distance service, however, was resumed the same day.

The new building of the company, a modern structure of cement blocks, which has just been completed, was immediately occupied.

All new construction work is to be modern in every respect, cable replacing all the old open wires in the main streets. The work promises to be finished about March 15th.



THE RIGHT WAY TO USE A STEP LADDER.

Department of Sports and Recreations

Doings of Telephone People in the Field of Athletics and Pastimes.

Bell Telephone Bowling League of Chicago

STANDING OF THE TEAMS
February 18, 1915.

| Team. | Won. | Lost. | Per cent. |
|----------------|------|-------|-----------|
| Commercial | 50 | 7 | .877 |
| Installation | 44 | 13 | .772 |
| Construction | 42 | 15 | .737 |
| Supply | 35 | 22 | .614 |
| Revenue | 29 | 28 | .509 |
| Maintenance | 28 | 29 | .491 |
| Const. Supt. | 28 | 29 | .491 |
| Traffic | 27 | 30 | .474 |
| Engineers | 24 | 33 | .421 |
| Suburban Coml. | 23 | 34 | .404 |
| A. T. & T. | 21 | 36 | .368 |
| Plant Acctg. | 17 | 40 | .298 |
| Disbursements | 16 | 41 | .281 |
| Collectors | 15 | 42 | .263 |

The season of the Bell Telephone Bowling League of Chicago closes April 8th. The Commercial team leads and is picked to win the championship trophy, although it is still mathematically possible for some of the other teams to win.

The following prize list has been announced:

Team Prizes.

First place, \$25 and wall trophy; second place, \$15; third place, \$10; high team score, one game, \$5; high team average, three games, \$5.

Individual Prizes.

High man on each of fourteen teams, \$5; second high man on each of fourteen teams, \$3.50; third high man on each of fourteen teams, \$2.50; high individual score, one game, \$3; high individual average, three games, \$3.

Only members of the league who have rolled thirty-three or more games will be eligible for prizes.

Indoor Athletic Carnival

An enthusiastic throng of Chicago Telephone employes packed the gymnasium of the Central Y. M. C. A. on the evening of February 3d to witness the First Indoor Athletic Carnival of the Bell Telephone Track and Field Association. According to the statement of the gymnasium director, the crowd present exceeded

the best previous record in point of numbers by a large figure. Grandstands had been erected on all sides of the gym, and these were packed with a jolly gathering of ardent athletic "fans" of the Bell Telephone Track and Field Association, accompanied by wives, sweethearts, and friends. Every nook and corner of the gym, held its quota of excited spectators. "Rooters" literally hung from the steel rafters in order to gain a better point of vantage for viewing the fiercely contested foot races on the running track.

Novice events with attractive prizes for the winners brought out a number of

entrants that astonished the officials of the association. In the short sprint alone there were over forty entrants. The races were exceptionally close, and the crowd was continually on its feet howling for certain favorites to win. Out of nine events six were novice events, the other three were open events.

The two-hundred and twenty-yard dash was a sensational race between Boynton and Ricker of the plant department and commercial department, respectively. Ricker jumped into the lead, with Boynton close upon his heels, not to mention a number of others who also had their minds fixed upon crossing the finish line first. But Ricker was unable to hold his initial advantage, and succumbed to the terrific sprinting of Boynton, who breast the tape a scant yard in the lead.

When the messenger boys got together in their three-hundred-yard sprint the popular idea that speed is not to be mentioned in the same breath with messenger boys, was given a rude jolt. About twenty boys, some in tennis shoes, a couple in gym suits, two or three in bathing suits, others in everyday clothes, etc., lined up for the start. The race that ensued was a battle from start to finish. Every contestant took his turn at setting the pace for a few yards. One chap with victory in his grasp, fell, and was eliminated, much to the dismay of the "rooters." The race was won by Murphy, who is entitled to all the honors for he won a regular foot-race of the old fashioned variety, where every man fights for victory, with hands and feet.

In the 880-yard run Spiegelhauer gave a pretty exhibition of headwork. Coming ahead on the last lap he brought the crowd to its feet by a burst of speed. The time is very good for the track, and is within a few seconds of the record that has stood for years.

In the field events the shot-putting and high jumping contests furnished the spectators some rare entertainment. The antics of some of the novices in trying to jump over the bar in the high-jumping

contest, and the violent efforts of the shot-putters, brought down a steady stream of laughter from the grandstand. The open high jump proved a treat for the crowd, for jumpers reached a height within a quarter of an inch of the western indoor record for jumping from a board floor. The winning height was six feet even, which is a remarkable height when the highly polished condition of the floor is considered. The open high jump was won by Joe Loomis, who is incidentally the American champion for the same event, also the hundred yard dash, and the twenty low hurdles. Loomis defeated the pick of the country in these events last fall in Baltimore, and is unquestionably one of the greatest athletes ever produced in the United States.

Wrestling and basket-ball matches completed the program for the gymnasium. The wrestling match brought together two of the best amateur wrestlers in the business—"Nails" Jaeger, and "Pinky" Walsh. Both of these men hold championships in the Amateur Athletic Union. The first fall was wrestled Cornish style. In this style of wrestling the men wear heavy canvas coats. All holds must be taken upon the coat, and the wrestler must be thrown by no other means. In this form of wrestling flying falls count, that is, if one man's shoulders roll across the mat he loses a fall. In the first bout "Pinky" tossed "Nails" in five minutes and twenty-two seconds, but experienced considerable difficulty in accomplishing this feat. The worst damage however was the loss of his shirt. The second fall was wrestled catch-as-catch-can. "Nails" retaliated by taking the fall in twelve minutes with a hammerlock and scissors on the head.

The basketball game was a clever exhibition between two picked teams of Telephone employes, the "Reds" and the "Blues."

Following is a list of the Officials:
Referee—Dr. George K. Hermann.
Starter—Martin A. Delaney.
Clerk of course—Martin Herbert.

Judges of finish—T. H. Carson, H. H. Lovell, C. H. Benson, J. H. Riddell.

Field judges—S. J. Barrows, H. W. Riffle, A. W. Blodgett, W. J. Plaskett.

Assistant clerks of course—P. G. Hensel, R. H. Bennett.

Timers—R. Cline, C. G. Holloway, H. H. Leakley, H. Snyder.

Inspectors—S. F. Bowsher, V. Lanestrem, T. Rader, J. T. Chandler.

Announcer—Oscar Halberg.

Games Committee—G. R. Boman, O. L. Halberg, C. H. Benson.

Track and Field Association.

The Bell Telephone Track and Field Association, which conducted the meet



BOARD OF GOVERNORS AND CAPTAINS OF BELL TELEPHONE BOWLING LEAGUE OF CLEVELAND.

just described, is an organization of the employes of the Chicago Telephone Company. The object is to promote a general interest in athletic sports, and to encourage the participation of every member of the association in competitive contests which will be held at periodic intervals during the year.

Since the organization of the Association practically 2,000 members have been enrolled. This number is being increased continually. Each member is furnished with a card of membership. In order to secure a card an application must be made cut. (Application blanks may be secured from C. L. Norton, secretary, maintenance department, third floor.)

Last fall the track team representing the association defeated the crack team of the Western Electric company, by the narrow margin of one point. This meet was a great success, and was attended by many thousands of people. Likewise the First Indoor Meet brought a large gathering of enthusiastic members. For the coming year various games are going to be held. In the future all meets conducted by the Association will have many events for novices. It is the desire of the association to encourage the participation of all members in the athletic sports. By having novice events everybody has an opportunity to win. The schedule for the coming season is as follows:

June (date not set) First Outdoor meet, open and novice events. Gold, silver and bronze medals.

August: A meet similar to the June meet will be held.

In the interval between these two meets a field day meet will be held, in which there will be many events for both men and women, old and young, fat and thin.

In September the annual meet with the Western Electric will be held, but the date has not yet been set.

The officers of the Bell Telephone Track and Field Association follow:

President—M. D. Atwater; Vice-President, H. H. Lovell; Secretary-Treasurer, C. L. Norton; Executive committee, A. G. Seaholm, C. R. Bowman.

Department Managers—Construction department, O. L. Halberg; Maintenance department, H. R. Cornell; Traffic department, A. G. Seaholm; Commercial department, M. Flynn; Plant Accounting department, A. H. Rigeman; Auditing department, F. C. Snyder.

Pin Slaughter at Milwaukee

Washington's Birthday at Milwaukee was celebrated by members of the Telephone Bowling League who rolled their final matches. Standing of the teams:

| Team. | Won. | Lost. | Per cent. |
|---------|------|-------|-----------|
| Killam | 21 | 15 | .584 |
| Lincoln | 19 | 17 | .513 |
| McEniry | 19 | 17 | .513 |
| Hobbins | 13 | 20 | .361 |

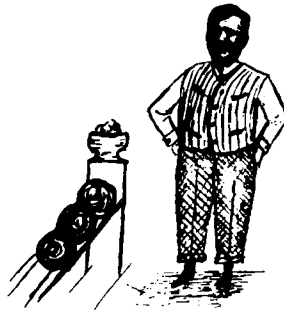
Inasmuch as Mr. Lincoln's and Mr. McEniry's teams were tied, an extra game was rolled in which Mr. McEniry's team was overwhelmingly defeated. It might be noted here that the loss of the second place was due to "Dictator" Hiller who rolled 108 pins.

Mr. Lincoln's team ran away with the three high games in any one match, having a total of 1916 pins. This was due to the exceptional rolling of the captain of that team.

The individual high average goes to W. D. Hobbins with 169 pins for the season; with second to W. H. Cushman with 164 pins. Mr. Hobbins also gathered in a total of 232 pins for high game, with

George C. French a close second with a total of 71 pins.

The League has planned to continue the season for six or eight more weeks. Attorney J. F. Krizek promises to con-



"HOOK" GETS 'EM.

tribute at least 100 pins per game for this new series with his famous "hook" to which the "Dodo" ball makes a very poor second. Our artist has caught Mr. Krizek in a characteristic pose. He is watching the effect of one of his famous "hooks."

Chicago Bowlers at Peoria

The Bell Telephone Bowling League of Chicago will be represented by two five-men teams in the Fifteenth Annual International Bowling Tournament at Peoria this month. The members of the teams are also entered in the doubles and singles. The men will leave Chicago about noon Saturday, March 27th. The five-men teams will roll their games at 11 p. m. Saturday. They will roll their doubles beginning at 12:50 Sunday noon and the singles will be rolled off commencing at 7:05 Sunday evening.

J. H. Riddel will be in charge of the party and will be captain of both teams. The teams will be made up as follows:

Chicago Telephone Company Team No. 1—J. Welch, W. B. Carey, F. A. Lindgren, W. H. Johnson, E. A. Stallwood.

Chicago Telephone Company Team No. 2—C. S. Hansen, O. L. Halberg, G. V. Hopkins, J. E. Newsome, H. F. Love.

Utilities Bowling Association

As a result of the three games, the standing of the four teams in the Utilities' Bowling Association of Chicago is as follows:

| Team. | Points. |
|-------------------------|---------|
| Chicago Telephone Co. | 35 |
| People's Gas Co. | 25 |
| Commonwealth Edison Co. | 20 |
| Western Electric Co. | 10 |

The teams in the Utilities' Bowling Association roll every two weeks on the alleys of the Chicago Athletic Club. The next three meetings are scheduled for March 5th, March 19th and April 2d. All members bowl at all meetings, but the points are figured on the scores of the five highest men. The members of the telephone team include W. R. Abbott, W. J. Boyd, W. R. McGovern, J. S. Ford, S. J. Larned, A. R. Bone, Frank Redmund, J. B. McLaughlin, H. N. Foster, L. W. Layton, A. P. Allen, A. S. R. Smith, B. R. Cooper, F. A. de Peyster and F. A. Chandler.

The telephone bowlers confidently expect to win the championship and this will give them final possession of a handsome cup.

Milwaukee Braves Humbled

The February issue of the News contained a news item concerning bowling at Milwaukee. This prompted some of the Chicago force who bowl every Tuesday during the noon hour to challenge the Milwaukee team to a series of games and the following letter was the result:

Chicago, Ill., February 12, 1915.

Mr. W. W. Hiller, Dictator,
National Bowling League,
Wisconsin Telephone Company,

Dear Walter: We have noted in the February issue of the "Bell News" that several and various of your people have broken into print under the guise of being "bowlers." We have noted also that no scores were published.

Far be it from us to cast any insinuations or innuendos as to why the scores were not published. Certain Chicago Germans, however, have suggested that we show you Milwaukee Irish what real bowling constitutes and this is to extend to you a very cordial invitation to bring your alleged star bowlers to Chicago to get "trimmed." We assume you can get the Federals to sign a sub-license agreement for the occasion.

I would be very glad to hear from you or Mr. Barnes what victims will come down and when; so we can arrange to have our Howitzers on hand. You understand, of course, that I am perfectly neutral. (Signed)

GENERAL VON IN FRONT MCGOVERN.

Mr. Hiller replied as follows:

Milwaukee, February 20, 1915.

Mr. W. R. McGovern,
Engineer, Chicago Telephone Co.,
My dear William: I have your challenge of February 12th to demonstrate our ability on the bowling alleys.

Please be advised that it will be accepted shortly in a formal and legal manner. Just at the present time we are recovering from the efforts of producing an entertainment for our employes. The effects will soon wear away, and you will hear from us again.

There seems to be some misunderstanding as to my title of "Dictator." I was elected in a regular manner as President of the Bowling League. The fact that the other members of the Association failed to exercise their right of franchise can have no bearing on my election. Unfortunately, the other members do not agree on this point.

(Signed) W. W. HILLER.

As the bowling time was growing short, Mr. McGovern did not wait for a further letter from Mr. Hiller, but talked with him on the telephone and they arranged to hold a contest at Chicago on Saturday evening, February 27.

The result of this contest was that the Chicago bowlers won three straight games by a total of 577 pins. An elaborate and costly cup was purchased by the Chicago people, but this cup still remains in their hands awaiting the next contest.

Many and various reasons were advanced by the Milwaukee contestants as to why they did not win, one being that they were frozen on the way from the depot to the bowling alleys and another that they were poisoned by the food and "water" served them at the meal, previous to the contest. However, the Chicago people traveled the same route and partook of the same food and drink.

The following bowlers took part
Milwaukee—Mr. Moore, Mr. Hiller, Mr. Mayer, Mr. Cushman, Mr. French, Mr. Killam, Mr. Lincoln, Mr. McInerney, Mr. Hobbins, Mr. Krizek.

Chicago—Mr. Smith, Mr. de Peyster, Mr. Redmund, Mr. Cooper, Mr. Boyd, Mr. Foster*, Mr. Ford, Mr. Bone, Mr. Larned, Mr. McLaughlin, Mr. McGovern.

*Bowled last two games in place of Mr. Larned.

A return engagement at Milwaukee will be played some time during March.

The Chicago team would be glad to hear from the Michigan, Cleveland and Central Union Companies. Address W. R. McGovern, care of Chicago Telephone Company.

Bowling at Detroit

During the past three months the employes in the offices of the engineer, the division auditor of receipts, the commercial and traffic superintendent at Detroit, have been covorting weekly at the Carillas and Woodward Bowling Alleys.

The team representing the traffic and engineering departments got away with a flying start but as the pace gradually kept growing hotter they were forced to accede the championship to the commercial boys under the capable captaincy of Harry Smith Pratt. The last time out the latter team, with the assistance of one of the auditing five (let George do it), defeated the former, three straight games, thereby proving decisively their superiority. The division auditors have not yet won a game but have forced some close scores.

The class of bowling displayed by the participants is remarkably high, 200 scores being of such a common occurrence that they have lately attracted very little attention.

Outlaw Bowling League

At a meeting of officials and captains of the Outlaw Bowling League of the Chicago Suburban department it has been agreed to continue the schedule beyond March 9th, allowing each team to play three more games with the other teams in the league. This will double the original schedule. It has also been decided to hold a banquet at the close of the season. A special entertainment committee was appointed.

On account of the inability of L. M. Larson to bowl the balance of the season P. C. Anderson has been appointed the captain of the Bandits.

Standings of the several clubs, according to Secretary MacLinnon's schedule, on February 16th were as follows:

| Team | Won. | Lost. | Per cent. |
|-------------|------|-------|-----------|
| Highbrows | 14 | 4 | .778 |
| Highbinders | 10 | 5 | .667 |
| Repeaters | 9 | 6 | .600 |
| Pirates | 9 | 6 | .600 |
| Wreckers | 7 | 11 | .389 |
| Raiders | 7 | 11 | .389 |
| Bandits | 6 | 12 | .333 |
| Goats | 4 | 11 | .265 |

Maple Mayhem at Cleveland

The eight teams of the Cleveland Telephone Company Bowling League are now demonstrating their ability twice each week at the Euclid Arcade Bowling Alleys and possibly changing to these first class alleys accounts for the improvement made by a number of the teams. This improvement has made it necessary to increase the "tip" given to the pin boys and they know they have a busy evening before them when the Bell bowlers arrive on the scene.

The standing of the teams at the end of the fifth week's play was as follows:

| Team | Won. | Lost. | Per cent. |
|----------------|------|-------|-----------|
| A. T. & T. Co. | 14 | 1 | .933 |
| Engineering | 10 | 5 | .667 |
| Maintenance | 9 | 6 | .600 |
| Installation | 8 | 7 | .533 |
| Construction | 8 | 7 | .533 |
| Traffic | 6 | 9 | .400 |
| Contract | 4 | 11 | .267 |
| Collection | 1 | 14 | .067 |

Suburban Plant Wins Two

On January 23, 1915, the "All Stars" from the Suburban plant department, consisting of J. M. Hanson, "Capt." L. C. Jones, W. B. Kingsbury, B. O. Bourgeois, E. Kraft, and substitutes A. J. Olson and F. Mitchell traveled to Waukegan and bowled a special match series of five games, total pins with the Waukegan Yannigans. The "All Stars" arriving on the battlefield

looked over the territory and seeing the weakness of their opponents decided that their regular team could start the match and after each game the high man should be benched and a substitute take his place. This was done and the Yannigans were defeated five straight games by a total of 300 pins.

The manager of the "All Stars" noting the "Class" under his wing, decided to issue challenges to the entire Suburban territory. Joliet responded with a defy and a match was arranged for January 30, 1915, which resulted in another victory for the "All Stars" by a total of 142 pins.

Plant Department League

The annual meeting of the Plant Department (Baseball) League, of Chicago, will be held at Harrison office, March 31st at 8 p. m. Plans for the fourth season have been completed and as soon as all teams have had the opportunity to enter, the schedule will be prepared and uniforms issued to the players.

The Plant Department League plays all games at Washington Park and south side teams are particularly invited to join. Call J. W. Wolcott at Harrison office

Bowlers at Waukegan

Saturday, February 13th, proved to be the "Unlucky 13th" for the Evanston Bowling Team, who proudly sallied to the Richelieu Alleys at Waukegan, and met defeat at the hands of Waukegan District's team in a five-game encounter, Waukegan winning by a total of 98 pins. High men of the two teams were: Evanston, Ebert, with an average of 163.6; Waukegan, Johnson with an average of 160. The teams were captained by District managers Ford and Gates. The Evanston team was composed of Captain Gates, Messrs. Arndt, Sonneborn, Ladds, Ebert, Osborn, Bore and Weibel. The Waukegan team was composed of Captain Ford, Messrs. Crum, Young, Eldridge and Johnson.

Detroit Basketball

Cedar and Cadillac basket ball teams played a tie game, 11 to 11, at the Detroit Y. W. C. A. gymnasium February 9th. The first half finished with a score of 6 to 5 in favor of the Cedar girls, but in the second Cadillac evened up matters by reversing these figures. Miss E. Bach was captain of the Cadillac team and Miss S. McKinnon guided the destinies of Cedar.

North and Hickory teams played a close game at the same place on February 11th. Hickory, captained by Miss G. Fencht, defeated North, led by Miss I. Gerhard, by a score of 16 to 15.

Why This Reticence?

The members of the division auditor of receipts' office at Milwaukee held their annual bowling party at Keipper's Park, Brown Deer, on Saturday, January 9th. The usual stories of phenomenal scores have been circulated, but for some reason or other no details have been submitted.

Join the Band or Orchestra

In this issue of the BELL TELEPHONE NEWS, you have read of the great Triple Alliance for charity, the big minstrel show given by the employes of the Chicago Telephone Company, the Commonwealth Edison Company and the Peoples Gas Light and Coke Company.

Both for the size of the thing and the quality of the performance, this is un-

doubtedly one of the finest amateur entertainments ever given in Chicago. So far as the telephone company is concerned, a very heavy part of the work was borne by the band and orchestra, conducted by E. W. Moebius. This is not the only good work done by these organizations. They



E. W. MOEBIUS.

Director Chicago Telephone Company Band and Orchestra.

have played at athletic meets and picnics and every one has enjoyed it. They have several very fine new instruments, including a set of kettle-drums and chimes.

Both the band and the orchestra need men for all parts. Men who play any band or orchestra instrument cannot only show their loyalty, but improve themselves as musicians by joining these organizations, and they can have a great deal of fun in the bargain. Mr. Moebius or R. Armstrong, the secretary, will be glad to see you.

Detroiters Talks with San Francisco

A. I. Philp, general sales manager for Dodge Brothers, and J. E. French, western representative of the company, with offices in San Francisco, carried on recently the first long-distance telephone conversation between Detroit and San Francisco on the coast-to-coast line opened a short time ago.

Mr. Philp was calling to advise Mr. French concerning a shipment of cars. The call was put in at 12:10 and at 12:40 they were talking. Mr. Philp declared Mr. French's voice was as audible as though the call were a local one.

The Transcontinental Telephone

To knit two oceans by a tenuous thread
Whercon man's voice may cross from shore
to shore

And bind a nation close: what magic lore,
What alchemy is this, of witchcraft bred!
Yet is this deed no kin to Black Art dread,
But harbinger of an abundant store
Of blessings for mankind and one pledge
more,
That Peace and Progress, after all, are wed.

By this accomplishment of master mind,
In the unleashed commercial race we run
We shall accelerate our heady pace.
But a far deeper import will it find
In heralding life ended, life begun,
And bringing loved ones almost face to face.
—Reginald McIntosh Cleveland in New York Times.

Triple Alliance Minstrels Capture Chicago

Monster Entertainment Given by Employes of Three Utilities Companies Nets Almost \$23,000 for Relief of the Destitute.

Early in the winter of 1914-1915, the men of Chicago who have at heart the welfare of their fellow citizens, realized that WANT, the barrier of mankind, was preparing for an onslaught on the destitute of the city. Thousands of men had been thrown out of work on account of the great war in Europe and a desperate situation faced the well-to-do and the needy alike.

Foremost amongst the men who resolved to give battle royal on account of their fellows, were the officials of the three great public utilities organizations that supply Chicago with gas, electricity and telephone service—the People's Gas Light and Coke Company, the Commonwealth Edison Company, and the Chicago Telephone Company. After careful consideration, a board of supervisors, consisting of H. F. Hill, vice-president of the Chicago Telephone Company; J. F. Gilchrist, vice-president of the Commonwealth Edison Company, and John Williamson, vice-president of the People's Gas Light and Coke Company, took in hand the matter of giving an entertainment for the benefit of charity,

in which the participants should be selected from the three organizations which the supervisors represented. The medium selected, there would be a wide field from which to choose material, as there are 20,000 employes in the combined forces of the companies, embracing talent of every description.

It was agreed at the outset that the expense of the production was to be borne jointly by the three companies and this generous attitude on their part made it possible to devote the entire receipts to the benefit of Chicago's destitute, through the agency of the United Charities.

After a careful canvass of the amusement possibilities, the promoters decided upon an old-fashioned minstrel show as the vehicle of their offensive in the battle of philanthropy and a joint committee of employes was formed to take active direction of the forces under the supervision of the vice-presidents. On this joint committee were Messrs. S. J.

Larned, Vernon Ray and A. P. Allen, for the Chicago Telephone Company; T. V. Purcell, George Hohmann and L. P. Moore, for the People's Gas Light and Coke Company, and W. L. Abbott, H. E. Niesz and George B. Foster, for the Commonwealth Edison Company.

A call was issued for volunteers to supply the material for the production. Prompt and enthusiastic was the response and 500 capable people were selected to take active part in a comprehensive plan which embraced a well balanced olio, a grand ensemble, a street parade with a big brass band, and all the adjuncts of that time-honored American institution—"THE MINSTRELS."

The hopes and anticipations of the managers were more than realized; everybody made good. In the ensemble, 225 magnificent voices blended in choral work, such as Chicago rarely has the opportunity of hearing. The soloists displayed exceptional ability. There was a clever corps of comedians, versatile, irresistible. The olio comprised a band of nimble and graceful dancers—men and maids—

whose feet twinkled and tapped to the rhythmic cadence of syncopated inspiration; character-sketch artists of



DRILL TEAM OF THIRTY-SIX CHICAGO TELEPHONE GIRLS AT TRIPLE ALLIANCE MINSTRELS.



STATE SETTINGS AT TRIPLE ALLIANCE MINSTREL SHOW
Below—Act. 1. Suffragettes and Telephone Drill

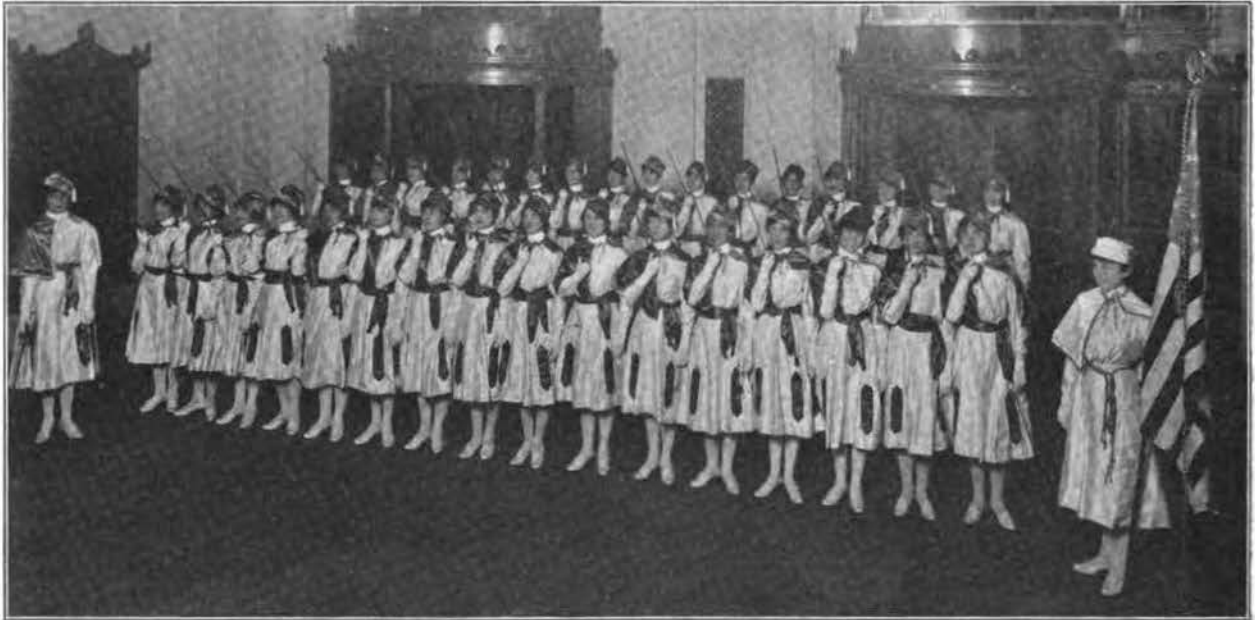


FOR CHARITY, AT AUDITORIUM THEATER, CHICAGO.
am. Above—Act II. Mastodon Minstrels.

no mean ability; a band of suffragettes, energetic and entertaining, and the Chicago Telephone Company's big brass band, that gave the atmosphere befitting the occasion. There were stage para-

"Votes for Wimmin!"—during the clash between the Boss and Schultz forces—the work was most creditable. Esther Shanks was a dainty *premiere danseuse*, while she and Ruby Moeller, as captain and

and colors fluttering, prolonged outburst of applause and cheering met them at every turn from the great audiences who demand more, and more, and still more! Marching, counter-marching, facing, turn-



PRESENT ARMS!
Members of Telephone Drill Team at Triple Alliance Minstrel Show in One of Their Graceful Positions.

phernalia, scenic effects, lights and properties of truly MASTODON proportions. The huge orchestra of the Commonwealth Edison Company, under the capable direction of Conductor Eastman, rendered accompaniments and incidental music in a fashion that won the enthusiastic approval of the spectators; it showed careful training, faithful practice and finished execution.

Five monster audiences greeted the performers. There were four night performances, February 9th, 10th, 11th and 12th and a matinee, Wednesday, February 10th. The spectators were enthusiastic in their demonstrations of enjoyment and appreciation. Nearly \$23,000 was raised, practically \$5,000 a performance, which result was intensely gratifying to the officials of the companies, who, at a banquet on Saturday night, February 10th, tendered their congratulations and thanks to all who had so well performed the tasks allotted to them. In addition to this official commendation, thousands of hearts will pour forth their blessings upon the volunteers for the noble work in their behalf.

In giving credit for the successful carrying out of the project, sight must not be lost of those who handled the drudgery incident thereto—the sale of tickets, the advertising, the auditing of accounts, preparation of the program and sale of the advertising space therein, and the thousand and one details, the proper attention to which is as essential to the success of an undertaking as are the more showy features; all good service is not performed in the spotlight.

And now we come to pay our homage and tribute to the telephone girls—"OUR GIRLS." In the suffragette parade, from Ethlyn Rump, who was dignified and forceful in the character of Mrs. Mann I Boss, to wee Myra Kane, who fairly yelled her brown head off for

color bearer, respectively, of cadets, effectively directed their sister operators in the performance of their drill. And what a drill it was! The evolutions were marked with the precision of well trained veterans; as the girls in their dainty costumes of blue and white marched hither and thither, with grace of movement and accuracy of formation, swords gleaming

ing, they flashed and sparkled like gems before delighted eyes and won the hearts and "hands" of all who saw them.

Applause was sweet to them—it was sweet to us, but sweeter far to a busy little woman, clad in black, who stood in the wings, tense and eager, watchful of every movement. Patient, faithful, sympathetic, encouraging, withal the strong, guiding and directing genius of those pretty marchers, her hands shook with excitement, her eyes filled with tears and her voice choked with emotion as wave after wave of applause rolled up, proclaiming that her charges had covered themselves with glory. Telephone people know—and well they know! how "Casey," as she is affectionately known from the man highest up to the boys and girls "in the trenches," year after year plans and works with and for her girls, "just to let a little sunshine in," to make the world better, brighter, cheerier. Wise in woman's lore—watchful as an eagle o'er her brood—kindly as a mother—tireless, trustworthy, true—HERE'S TO YOU, CASEY—GOD BLESS YOU!



MARY E. CASEY

Chief Clerk, Chicago Traffic Department.
Miss Casey's Work in Organizing and Drilling the "Cadets" Contributed Much to the Success of the Show.

The Obliging Subscriber

Upon testing a report of permanent on a subscriber's line in Stewart office, Chicago, it was found that the "howler" brought the subscriber to the instrument with the following result:

Testman: "Will you please hang up the telephone?"

Subscriber: "All right."

(Much noise and confusion at the subscriber's station, which is a desk instrument, but receiver is not hung up.)

Testman: "Hello! Hello!"

Subscriber: "Well, what now?"

Testman: "Did you hang it up?"

Subscriber: "Oh, yes; I hung it over the back of a chair, but I kept the receiver to my ear to see what next to do."



CHICAGO, MARCH 2, 1915 10: 81

THE NORTHERN TRUST COMPANY 2-15
 600 North Dearborn Street
 CHICAGO, ILL. TO THE ORDER OF

THE UNITED CHARITIES OF CHICAGO \$22400.81

TWENTY-TWO THOUSAND, FOUR HUNDRED & 81/100 *(40/100)*

J. J. James
 TREAS.

*RECEIVED
 THE NORTHERN TRUST COMPANY
 MAR 3 1915
 CHICAGO CLEARING HOUSE
 100 N. WABASH ST. CHICAGO, ILL.*

CERTIFIED CHECK TRANSMITTING PROCEEDS OF TRIPLE ALLIANCE MINSTRELS TO THE UNITED CHARITIES.

"The Operator"—A Good Commercial Representative

A. F. McKivitt, District Traffic Chief, Milwaukee.

Every time a local operator says "Number, please" she is a commercial representative.

Every time a recording operator says "Long Distance" she is a commercial representative.

Every time a toll line operator says "Milwaukee is calling Mr. Jones," she is a commercial representative.

For "the voice with the smile wins"—wins the confidence and good will of our patrons, and a satisfied patron is the best asset in any line of business.

We have in the Milwaukee district 760 local operators who answer on the average 380,000 calls each business day. Just think what it would mean if these calls were answered and handled in a careless and indifferent manner. Mr. Smith, who is a prospective subscriber, meets Mr. Brown and mentions the fact that he is about to subscribe for service. Mr. Brown is a dissatisfied subscriber and you can rest assured he is not going to take Mr. Smith by the arm and lead him to the office so he can sign a contract without delay. On the other hand, when a patron feels his calls are being handled promptly and accurately and the operator is courteous in her dealings with him, he will invariably spread the good news,

the result being increased business. This also applies to collections. When the service is good, collections are good.

Every time a connection is established in a satisfactory manner, it means a boost for our toll revenue. It means additional toll calls.

The operator's field of endeavor is not

confined to helping produce new subscribers and retaining old ones, to courtesy and accuracy. Among the operator's friends and acquaintances there is always some one who can afford and really needs service. We have a regularly printed form for prospects of this nature. Operator fills in the information as to the

address, etc., and forwards it to the Commercial Department. In this manner last year 260 new subscribers and changes to higher rate were secured.

Another method employed for securing new business is to keep a record of calls for people who have no telephone, and give this record to the commercial agent. In a majority of cases all that is necessary for the commercial agent to do is to thank the new subscriber for signing the contract.

Numerous other methods might be mentioned where in the operator is a commercial representative, among them being the busy report. When it develops that frequent reports of "the line is busy" for a particular subscriber are given, no matter if it be for a private branch exchange subscriber or one on a party line, a record of the number of busy reports is kept. This invariably results in the subscriber signing for additional equipment or a better class of service.

You ask if the operator is a good commercial representative. She is. As you may gather from the above there is no better nor could there be.

ARTHUR YOUNG & COMPANY
 CERTIFIED PUBLIC ACCOUNTANTS

CALL ADDRESS: ARTH YOUNG
 TELEPHONE: HANCOCK 5
 1218 MONROE BLOCK
 1218 MONROE BLOCK
 CHICAGO, ILL. 106 COMMERCIAL BLDG
 MILWAUKEE: 312 WISCONSIN BUILDING

CHICAGO March 4, 1915.

The United Charities of Chicago,
 Chicago.

We have examined the accounts of the TRIPLE ALLIANCE MINSTREL SHOW given in Chicago on February 9, 10, 11 and 12, 1915 by the Employees of the Chicago Telephone Company, Commonwealth Edison Company and the Peoples Gas Light & Coke Company.

We have satisfied ourselves that the Entire Receipts amounted to \$22,400.81. All expenses were borne by the three Utility Companies.

Arthur Young
 Certified Public Accountants.

CERTIFICATE OF AUDIT OF TRIPLE ALLIANCE MINSTRELS BY CERTIFIED ACCOUNTANTS.

Of Interest to Our Girls

Conducted by Mrs. F. E. Dewhurst



PUBLIC PAY STATION ATTENDANTS, MILWAUKEE.

Top row, left to right—Alice Humphreys, Jennie Becker, Minnie Hulick (chief operator), Grace Mahoney, Jennie Travers, Dora Budish. Second row—Mabel Chadwick, Alice Lawler, Cordella Lange, Minnie Nowak, Elsie Schoenwant, Anna Murphy, Rose Axmann, Mildred Small. Third row—May Roessler, Nonie Marsh, Tessie Downey, Idabell Morrison, Rose Flood, May Guy, Alma Keller, Elizabeth Grauvogel. Fourth row—Tina Muehlans, Edith Marshall, Catherine Chambers, Evelyn Chalker, Norma Keller, Catherine Dunn, Catherine Guy, Hattie Jackson.

"The Voice at the End of the Wire"

"The Voice at the End of the Wire means intelligence, interest, sympathy, helpfulness." So says Helen Christine Bennet at the close of her article in the *Ladies' Home Journal* for March.

And in a much less serious contribution to a newspaper, the writer says that "when the operator says, 'Number, please?' in a voice that is dripping with sunshine and gladness, all nature seems to smile, we forget that there are such things in the world as ingratitude, tailor bills, disappointment and unrequited affection."

Girls, do you recognize yourself in the "Voice at the End of the Wire"? Allowing for the extravagance of the latter quotation, is it possible that you can throw such a spirit of service into the few phrases which your telephone code allows?

It is true that writers, who through their literary productions, inform the public about the girls who are in our exchanges often confound them with private switchboard operators, who meet a different class of service, but when it comes to the quality of voice, they all agree that the pleasant, sweet voice, expressing intelligent readiness to serve, is a help not only in the call which they complete, but helps by its cheerful tone to make all the day's work go better.

That rising inflection with its "please" may seem to you merely an aid to clearer enunciation, but it may express also a helpful spirit, the desire you have to give instant attention and sympathetic service. Of course, you don't know what your subscriber wants the line for, you only know the number he is calling and you hasten to show your readiness to get it, but in these little phrases: "Number, please?" "What number are you calling,

please?" you can convey "intelligence, interest, sympathy, helpfulness."

Have you ever met the other kind of a girl at the end of the line? One whose voice conveys the monotony of a machine who sounds as if she were bored to death in doing the things she has engaged to do, yes, you have met her not only as an operator, but as a sales lady, a stenographer, a clerk. Unfortunately she does not realize how annoying she is or she would acquire the helpful tone of voice and show the intelligent desire to serve which would double her value. More than that, it would insure her own happiness, which is more important. The girl who knows she is "dripping sunshine" certainly is happier far than the indifferent creature, who only works because she is obliged to and does not care whether some one is helped by what she does or not.

So make sure that the voice at the end of your line means intelligence, interest, sympathy, helpfulness.

Here Was a Poser

Information operators at Ann Arbor, Mich., are quite accustomed to hearing all kinds of questions, but here is one where the omniscient "information" had to admit that she was "stuck":

A man's voice came over the line: "Be dis information ob'rader?" the voice indicating that the questioner was a man of well advanced age. Receiving the regulation affirmative reply, he continued anxiously, but politely: "Say Misses, von't you blease say to me how I vill gook frankenfurters. Mine vife she bees away unt I's be stuck unt hungry too by gollies." Miss West, who was at the information desk, said that the problem was beyond her culinary knowledge.

Indianapolis Girls to Have Summer Cottage

Early last October, after the strenuous hot weather was over, the Indianapolis Toll girls met to discuss a project which if carried out successfully, would provide a cool, comfortable, summer retreat for those especially, whose homes being elsewhere, are compelled to live in close quarters, and who find it difficult to secure the required amount of rest and sleep so necessary during the heated period.

The plan was to raise a fund with which they might secure the lease of a cottage, perhaps beyond Broad Ripple, on the River bank, where they could spend the week end or their days off, or even their vacations if they cared to, and where the girls who work all night and have such difficulty in sleeping during the day could spend their entire time.

The growing demand for a noon lunch served on the premises to the employes of the traffic department gave the girls an idea of what might be accomplished. They, therefore, went to work in a small way, each girl giving an hour or two every day of her unemployed time serving sandwiches, beans, pie and soup. In a short time the menu was more varied, and in an amazingly short time a sum far exceeding expectations was realized.

The first purchase made for the cottage is a fine, brand-new Victor Victrola, which the girls are enjoying immensely in the rest room of the Main office building. The Fletcher Trust & Savings Company has been receiving the deposits which have accrued from the lunch business, and have shown their appreciation of this small amount of business by contributing a number of fine records for the Victrola.

FOR THE GIRL WHO SEWS

A SIMPLE GOWN WITH FLARING SKIRT

Most women are on the outlook for just such a simple gown as this one, for it is very pretty and attractive for morning wear, and may be made of washable material. This is a prettily tucked blouse that is joined to a three-piece skirt which is just sufficiently circular in cut to give



the fashionable ripple and flare. In the illustration, the gown is made from a simple batiste and there are the gingham and chambrays and various other fabrics that are in every way appropriate. The closing can be made all the way down the front, or the hems of the skirt can be lapped and stitched together to any preferred depth. The collar is finished quite separately and buttoned to the neck band so that it is an easy matter to have a number of linen collars that can be kept fresh and ready at demand.

For the medium size will be required 6¾ yds. of material 27 in. wide, 5 yds. 36, 4½ yds. 44, with ¾ yd. 27 for trimming.

The pattern 8576 is cut in sizes from 34 to 44 bust measure. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on this page.

A NEW AND VERY SMART WAIST

This is a waist that may fairly be taken as typical of what will be worn throughout the coming season, for while fancy blouses will have their place, there is a marked tendency toward the simple waist for simple occasions and this model is an exceptionally good one.



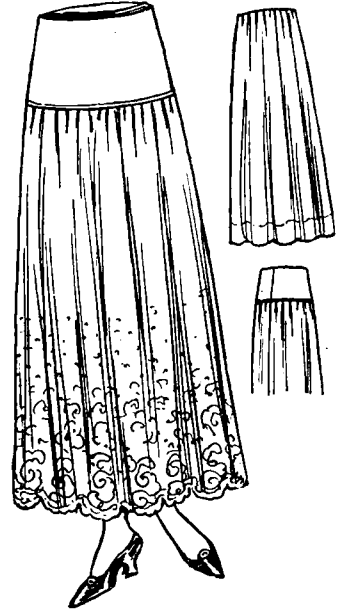
The sleeves and collar are novel and they are interesting. In the illustration, one of the new cotton crêpes is the material and the color is the sand that has taken such a hold upon popular fancy.

For the medium size will be required 3¾ yds. of material 27 in. wide, 2¾ yds. 36, 1¾ yds. 44.

The pattern No. 8572 is cut in sizes for 34 to 44 bust measure. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on this page.

NEW SKIRT SUITED TO FLOUNCING

New fabrics are being shown in a really exquisite variety of borders and they are especially appropriate for straight skirts. This one can be joined to a yoke or extended to the waist line as may be preferred. It is full, according to the latest requirements, and it takes extremely graceful and pretty lines.



For the medium size will be required 3¾ yds. of material 27 or 36 in. wide, 2¾ yds. 44, or 2¾ yds. of flouncing 44 for the skirt without yoke; 2¾ yds. of flouncing 36 in. wide, with ½ yd. of plain material 36 for the skirt with yoke. The pattern 8574 is cut in sizes from 24 to 32 inches waist measure. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on this page.

PATTERN COUPON

Fashion Department, BELL TELEPHONE NEWS,
213 West Washington St., Chicago, Ill.

Enclosed find.....cents in 2-cent stamps for which please send me patterns listed below:

No.....Size.....

No.....Size.....

The price of each pattern shown in this issue, to employees of the Bell System, is six cents when order is accompanied by this coupon. Write name and address, and number and size of patterns plainly. Enclose six cents in 2-cent stamps for each pattern ordered.

Name
Address
City or Town.....
State

Brief News Notes from the Field

Items of Interest to Bell Telephone Employees Gathered from All Parts of the Territory.

Chicago City Division

Mrs. F. E. Dewhurst, B. V. Hill,
Correspondents

Stewart Entertains

On February 23rd, Catherine Flynn and Chas. Marquette of the Installation Department were married at St. Rose of Lima Church.

On Saturday evening, January 23rd, the many friends of Miss Flynn at Stewart gave a shower at the home of Catherine Miller. All present reported a very enjoyable evening. A dainty buffet luncheon was served and the decorations were pink and white roses.

Mrs. Marquette was the recipient of many beautiful gifts. Mr. and Mrs. Marquette have the best wishes and heartiest congratulations of their many friends.

Miss De Vine Resigns

Mae De Vine, Wentworth timekeeper, resigned February 25th to open a ladies' furnishings shop on the tenth floor of the Marshall Field & Co. new annex. Good will and wishes for success go with her from her former associates at Wentworth office.

Mizpah Club Dance

On Friday evening, February 12th, the Mizpah Club of the Oakland evening force gave an informal dancing party at Forum Hall. Parties of this club are always delightful and this evening was no exception. A large number of the friends of the Mizpah girls were present and every one was enthusiastic over the party, which was the first given this season by the club.

Unique Pay Station

The Otis Building, a new twenty-story office building, occupies the corner of La Salle and Madison Streets, in the heart of one of the busiest sections of Chicago.

The day of its completion was looked forward to by our commercial department as a prospect for the location of a public telephone

pay station. In due course the structure was completed, the magnificent building filled up rapidly with high-class tenants, and through its beautiful rotunda thousands of persons pass during the course of each day.

The agent of the building was willing that we should establish a pay station that would accommodate the great number of people that would desire the use of the telephone, but to find a space in which to install the pay station was a problem until Pay Station Agent C. M. Connell conceived the idea of using the base of one of their elevator shafts. He persuaded the management to have the shaft floored over at the rotunda level, build a mahogany shelf to hold the telephone directories and furnish the lights for three handsome mahogany booths containing our latest local and long-distance pay station equipment, namely, the three-slot box. A transparent globe bearing the "Blue Bell" marks the entrance to what was formerly a mere elevator shaft, but is now a perfectly equipped and brilliantly lighted public telephone pay station. From the start the station has been very heavily patronized, and in addition to the many who stop to use, not a few stop to wonder at its ingenious design.

Birthday Telegram to Mr. Edison

February 11th was the sixty-eighth birthday of Thomas A. Edison. On that day the Electric Club of Chicago held its Valentine luncheon. It was also "ladies' day" and a number of the wives, daughters and women friends of members were guests of the club.

On motion of H. A. Mott, of the Chicago Telephone Company, the following telegram was sent to Mr. Edison:

"Six hundred members celebrate this milestone in a busy life so full of achievement, and unite in admiring tribute to the genius and courage through which the world has been so richly endowed.—The Electric Club of Chicago."

Mr. Edison's reply was as follows:

"Allow me to metaphorically take off my hat and make my best bow of thanks to you all for your kind message of congratulation and good will, which I received on my birthday. Your good words and wishes are greatly appreciated.—Thomas A. Edison."

Boy Scouts at Luncheon

A detachment of the Boy Scouts of America and eighty office boys of the Chicago Telephone Company were guests at the Monday luncheon in the Men's Assembly Room, March 1st.

The boys marched in headed by G. W. Butler, of the engineering department, who is a scout master and suggested the entertainment. Four scouts from Troop No. 79 were in the van. The scouts gave an exhibition drill in wigwag, signals and firemen's hold.

W. D. Pollard, executive secretary, and L. L. McDonald, associate secretary, of the Boy Scouts of America, made short talks. As a result of the meeting a class for the training of scout masters was organized with the following charter members: E. H. Gielow, O. M. Campbell, G. W. Butler, D. E. Moore, R. D. Cloud and J. J. Cleary. The class will meet every Tuesday at 5:10 p. m.

Marriage of P. F. Zinke

Paul F. Zinke, assistant equipment engineer in charge of suburban central office equipment plans in the state engineering department, was married February 22nd to Jane Dorst, formerly a clerk in the same department.

When Mr. Zinke returned from his honeymoon trip he found his desk on the twentieth floor of the Bell Telephone Building appropriately decorated for the welcome home.

Telephone Man Writes Book

"The Pirates of the Sky" is the name of a novel written by Arthur L. Petcolas, of the Chicago commercial department. The book has been accepted for publication by Rand, McNally and Company and will be published this spring. Mr. Petcolas writes under the pen name of Stephen Gaillard.

Service Standing

The following is the service inspection standing for January, 1915:

| Exchanges | Districts. |
|----------------|------------|
| 1. Beverly | 1. Beverly |
| 2. Lawndale | 2. Western |
| 3. So. Chicago | 3. Central |
| 4. W. Pullman | |
| 5. Rogers Pk | |

Chicago Suburban Division

B. A. Pratt, Correspondent

Service Ratings for January

The following list, arranged in the order of merit, includes the offices which have their local service observations taken at service observing boards:

| Office. | Place Position. |
|----------|-----------------|
| Elgin | 1 |
| Aurora | 2 |
| Joliet | 3 |
| Evanson | 4 |
| Oak Park | 5 |
| Hammond | 6 |

The list following, also arranged in the order of merit, shows the ten highest common-battery offices which have their local service observed by service inspectors:

| Office. | Place Position. |
|---------------|-----------------|
| La Grange | 1 |
| Hinsdale | 2 |
| Berwyn | 3 |
| Winnetka | 3 |
| Glencoe | 5 |
| Wilmette | 6 |
| Morris | 7 |
| Blue Island | 8 |
| Gary | 9 |
| Highland Park | 10 |

Toll Correspondence School

Following is a list of operators who averaged 100 on lessons No. 6 and No. 7:

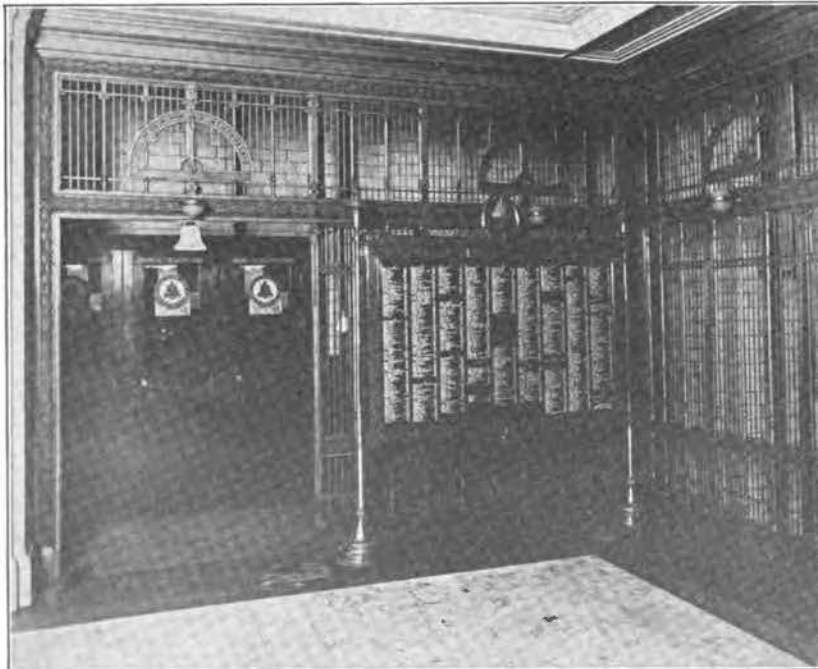
AURORA DISTRICT: S. Bushnell, E. Crowl, L. Danly, F. Joos, L. Lindenmeyer, M. Lindenmeyer, D. McDonald, Mary McVicker, Margaret McVicker, L. Wethekam, F. Gunz, L. Mosher, M. Solger, H. Peterson, F. Fritsch, A. Rickert, M. Piebe.

CHICAGO HEIGHTS DISTRICT: G. Adolph, I. Ehrhardt, T. Mangold, C. Schulz, E. Backus, E. Conrad, M. Diercks.

ELGIN DISTRICT: B. Hinsdell, C. Schmitz, I. Deuchler.

EVANSTON DISTRICT: L. Leonard, C. Dietrich, R. Uedelhofen, H. Mollenhauer, M. Siegel, L. Brautigam, A. Donnelly, M. Steffen.

HAMMOND DISTRICT: E. Greb, F. Seward, L. Haning, K. Kasper, E. Patterson, M. Patch, K. Stover.



UNIQUE PAY STATION IN OTIS BUILDING, CHICAGO.

JOLIET DISTRICT: M. Gilbert, F. Grenell.
OAK PARK DISTRICT: E. Engbrecht, E. Geach, R. Schuettner.
WAUKEGAN DISTRICT: T. Johnson, A. Kurtz, F. MacNeill, L. Thompson, L. Frazier.
WHEATON DISTRICT: A. MacIntyre, G. Miller, M. Frydendall, V. Loker, A. McBrean, F. Carlson, V. Brady, E. Johnson, E. Ludeker, L. Ludeker, A. Ebricht, A. Fabri, A. Fischer, A. Ludeker, M. Ludeker.
WOODSTOCK DISTRICT: M. Gallagher, H. McGee, M. Hallisy, R. Kampert.

Wheaton Chief Surprised

Wednesday evening, January 27th, a jolly crowd of ten operators from the Wheaton office, completely surprised Miss E. Cowden, chief operator, at the home of her sister, Mrs. H. W. Meyers.

The evening was happily passed with musical numbers and general sociability. Light refreshments were served.

Miss Cowden February 1st, assumed the position of chief operator at Joliet. The operators presented Miss Cowden with a leather traveling bag, a former friend of hers having composed for the girls as a presentation speech the following acrostic:

N-ew scenes, new friends will come to you,
 E-enchanted with your smile,
 L-et not forgetfulness be yours,
 L-et memory bide the while,
 I-n thought recall us, who have praise,
 E-steem for all your charming ways,
 C-ountless your friends, who'll ne'er forget
 O-ur many days of joy with you
 W-ho feel the parting with regret,
 D-evoted in their hearts, and true,
 E-ver more happy may you grow,
 N-or cease to greet us with "Hello"!

Commercial Notes

E. A. Judd, commercial agent at the Division Headquarters, was one of the active newspaper venders in the old time newsboy's day. It is reported that Mr. Judd negotiated a large number of sales.

L. M. Larson, cashier in the Suburban commercial department, left on January 13th for an extended vacation due to ill health. It is reported that his physical condition is showing improvement. P. J. MacLindon has assumed the duties of cashier.

J. W. Schram, district manager at Elgin, spent ten days in New Orleans during February attending the Mardi Gras.

H. R. Ball, general manager of the Northwestern Indiana Telephone Company, connecting with the Chicago Telephone Company, called on O. J. Holbrook, commercial superintendent, during February.

Toll Division

A Chicago florist showed his appreciation of good service rendered by sending a beautiful bouquet of violets to Miss N. Workman, day toll supervisor. The toll circuits to the town which he was calling were in trouble, and Miss Workman by much effort and patience finally succeeded in establishing a connection and repeating a message.

The Misses Wilder, Grand, and Riddelle of New York, instructors conducting the A. T. T. Company's instructors' training class at Chicago, were the guests of Mrs. O'Hara and Miss S. C. Young at a luncheon given at the Hotel La Salle, on January 27th.

Both Margaret Farrell and Daisy Taylor, who have been ill, are expected back to their positions soon. Miss Taylor has been ill since January 1st and is recovering from an operation.

No, indeed, Cupid has not forgotten Toll, which is evinced by the fact that Miss A. Friedman has been displaying a beautiful solitaire for the past month.



FAREWELL PARTY FOR BRIDE.
 Toll Evening Supervisors who attended farewell luncheon in honor of May Connolly, who was married January 6th to Wilbert Bowman.



GRADUATES OF COMBINATION REPAIR CORRESPONDENCE COURSE, WAUKEGAN DISTRICT.

Left to right, bottom row: Q. J. Thomet, district switchboardman; E. F. Potter, Waukegan wire chief; B. W. Jones, Lake Forest wire chief; C. T. Ford, district manager; F. R. Crum, district plant chief; C. F. Moran, Highland Park wire chief; J. Naden, Zion City wire chief.

Second row: J. E. Throsel, Waukegan installer; E. H. Smith, Waukegan installer; F. A. Walker, Highland Park repairman; G. Dietmeyer, Waukegan repairman; L. Sheahan, Highland Park installer; T. Hesterman, Lake Forest repairman, R. McCabs, Waukegan repairman.

Third row: H. Schram, Highland Park repairman; J. E. McCaffrey, Highland Park installer; J. Miller, Lake Forest installer.

Another beautiful diamond made its appearance in toll's observation department. The owner declares nothing doing, but everybody is waiting, patiently waiting, for June.

Exchange Notes

Speaking of red-tape, O. L. Payne had to send in his name before he was admitted into the Aurora district plant chief's office. But later it was explained to him that since the recent sleet storm, so many linemen have "blown" in looking for a job that—anyhow, Mr. Payne doesn't come in the front door any more.

Mrs. F. Tidmarsh, formerly Ruth Lowry, entertained the La Grange operators at her home in Riverside January 14th.

February 1st struck Woodstock with a vengeance. A sleet storm put almost all farmer lines out of order, as well as all toll lines. One of the farmer subscribers who came to the office to pay his bill said, "I am so thankful my telephone is fixed, as it seemed as though we were in state's prison when our telephone was out of order."

Trace Barbian, assistant chief operator at McHenry, carried off a prize of five dollars at a dance given there. She was the best tango dancer in the hall.

Arlington Heights operators surprised their chief operator with a beautiful bouquet of flowers as a Valentine greeting.

On January 14th the commercial department of the Aurora exchange enjoyed a bob party to Bristol, Ill., where they were guests of Lena Miller, stenographer for this department. Miss Miller had prepared a delicious oyster supper, to which everyone did justice after a seven-mile ride and with thoughts of the seven mile return trip.

Repairman P. E. Blatchley of Oak Park, is entitled, so his friends think, to honorary membership in the United States Life Saving Club, he having rescued several cats from perilous positions on poles. On February 12th, the Oak Park wire chief received an "S. O. S." message from a residence on Fair Oaks avenue, saying the pet cat had retired to the top of a telephone pole and refused to come down. Repairman Blatchley was immediately dispatched to the rescue, but, unfortunately the cat had saved itself by falling off the pole before he arrived.

There has been organized in the Oak Park District an "All Star" Bowling team that has broken all pin records at one of the local alleys. They will be glad to accept any challenge from teams in the same class.

On January 17th Cable Splicer Foley at Oak Park, was painfully injured by a vault cover dropping on the middle fingers of his left hand. Prompt medical attention saved the fingers and Mr. Foley was able to return to work in a few days.

David Campbell, commercial agent at Evanston, was successful in securing three new contracts for private exchange systems during January.

E. Doebler, assistant chief operator at Hammond, has been ill for several weeks. She underwent an operation for appendicitis on February 13th, at St. Margaret's Hospital, and is reported as getting along very nicely. The operators showed their sympathy by sending her a beautiful bouquet of roses.

The Gary office has had a library installed in the retiring room by the Gary Public Library. There are 125 volumes. They are for the use of the employes of the traffic, plant and commercial departments and their families. The books are called for and delivered whenever a change is desired. Alice Green has been appointed librarian.

On Friday evening, January 22nd, the Tau Gamma Phi gave an informal dance at the Masonic Temple in Rogers Park. Several members of the Evanston traffic department were present.

Leola Schuett, a Wilmette operator, was married on February 20th, to Carl Rydell of Evanston.

Some of the Wilmette operators were recently entertained by Mrs. Miller, formerly a Wilmette operator, at her home in Chicago.

The sleigh ride party planned for February 4th by the Glencoe employes was postponed on account of rain, but the evening was spent at the home of Miss M. Siegel. Cards, dancing and singing were enjoyed. Luncheon was served for twelve. Miss H. Mollenhauer, toll operator, and P. Udelhofen of the plant, demonstrated a few of the latest dances. There was music by Miss M. Maloney, pianist, and H. Siegel, violinist.

The force of the Glencoe exchange enjoyed a sleigh ride party on the evening of February 8th. Luncheon was served at the home of Miss H. Mollenhauer, after which dancing and singing were enjoyed.



EMPLOYEES OF SUPERIOR EXCHANGE AT PARTY GIVEN JANUARY 11TH.

Miss E. Cowden, for two years chief operator at Wheaton, resigned February 1st to accept a similar position in Joliet, and was succeeded by Frances Kuhn, who had formerly acted as chief operator at Wheaton for three years prior to her extended visit on the Pacific Coast. While in Los Angeles Miss Kuhn acted as service inspector for the Pacific company.

The Highland Park telephone girls gave their fourth annual ball Saturday evening, February 13th, at Ravinia Park Casino. The affair proved a grand success.

On Wednesday evening, February 3rd, the girls of the Highland Park office gave a sleigh ride. After the ride they assembled at the home of Lloyd Sheahan, where supper was served. The evening was spent in singing, dancing and playing games.

On Sunday, February 7th, Blanche Mitchel, former toll clerk in the Waukegan office, gave a dinner in honor of the girls of the Waukegan commercial office.

On January 26th at Highland Park a 200-pair underground cable became wet, throwing ninety-six permanent signals on the board. At midnight the old cable had been removed and a new one pulled in. Cable Splicer Stanger with Helper Sandmeyer made the 200-pair tag and both splices between midnight and 8 a. m.

Early in the morning of February 1st, the northwestern section of the Waukegan District was caught in the meshes of a gigantic sleet storm, which gradually spread all over the district, and by noon of the same day five towns, Antioch, Grays Lake, Round Lake, Lake Zurich and Wauconda, had been isolated from the rest by the failure of all their toll lines. Every toll lead in the district was wrecked. On local leads much damage was done, there being approximately 175 poles down. Thousands of wires were broken. Libertyville pole lines suffered the most with 100 poles down and about one-third of their subscribers out of service. Waukegan was second with 300 lines broken. In fact all exchanges suffered severely excepting Highland Park where there were only twenty-seven breaks. By diligent work of all nearly everything was in working order by the first of the following week.

Wisconsin Division

T. N. Moore, Correspondent.
Milwaukee

Exchange Notes.

Elsie Brown of the Menomonie exchange entertained the traffic force January 20th at a fancy dress party. The evening was spent in dancing and singing. Prizes were awarded for the most effective costumes, which were won by Mary Lammer and Eva Greeley. After the dancing a delicious lunch was served.

Lillian Borchert, local operator at the Menomonie office, resigned on January 30th and, on February 8th, was married to Roy Johnson. On January 24th a farewell party was given for Miss Borchert by the Menomonie

employés. She was presented with a beautiful piece of silverware.

The Merrill operators were very pleasantly entertained at a "stag" party by Mrs. E. L. Dexter at her home. Various games, music and dainty refreshments made the evening a delightful one.

One of the leading merchants at Rhineland, in order to show his appreciation of excellent service rendered by the operators, delightfully entertained them at a dinner party on New Year's Eve.

A number of Stevens Point operators enjoyed a sleighride to Plover, and while there attended a dancing party. A very enjoyable time is reported.

The operators of the Chippewa Falls exchange have organized a sewing club, the first meeting being held at the home of Ruth Elmatinger.

A general meeting was held by all the employees of the Superior exchange. After short talks the traffic department employees served light refreshments and later all present finished the evening with a strictly telephone dancing party.

The Bell Telephone operators of the Ashland, Bayfield and Washburn exchanges met at the Masonic hall at Washburn, Monday evening, January 25th, and enjoyed a very pleasant evening. The main feature was dancing, followed by an elaborate lunch served by the operators, for about 100. The invited guests from Ashland and Bayfield arrived in carry-alls.

On February 4th, Sybil McCulloch, opera-



THE "LONELY JANES" OF GREEN BAY.

tor at Chippewa Falls, entertained the C. A. B. Club.

A rural subscriber at Chippewa Falls recently reported his telephone out of order, saying that he could not hear and he wanted to know if we could install a "hearing telephone" for him.

On Tuesday evening, January 18th, Ellen Bodine, toll operator at Ashland, entertained in honor of Mrs. B. Torry, of Duluth, formerly a toll operator at Ashland. Her guests included the operators of the Ashland exchange.

The employees of the Ashland exchange

held a dancing party on February 4th. The hall was prettily decorated with bunting and blue bells and the party was most successful. A number of employes from the Washburn and Bayfield exchanges attended. After the dance a midnight lunch was served by the employes of the Ashland office, the men acting as "waitresses."

H. G. Miller, manager at Jefferson, has been transferred to Fort Atkinson.

C. D. Showalter, lineman at Lancaster, has been transferred to Fort Atkinson.

The operators of the Ft. Atkinson exchange and several of their friends gave a dancing party in the opera house, Thursday evening, January 14th.

On the evening of January 27th, Mrs. W. N. Cash, the wife of the district manager at Janesville, entertained for Miss Clark of Milwaukee, who was in the city instructing Hazel Powers, who has been appointed as operator on the new service observing board. A very pleasant evening was spent. Those present from the office were Grace Travis, Hazel Rice, Hazel Powers and Marie Grinnell.

The sparkle of diamonds around the Janesville operating room has been very pleasant the cloudy days of the past month. Cupid apparently was very busy.

Frank Holmes, toll repairman at Darlington, met with an accident while repairing some damage done by the storm. The pole on which he was working was covered with ice and he lost his footing and fell to the ground, a distance of about twenty feet. He lay in the road for a number of hours before he was found. His condition is not as serious as first thought and he is recovering rapidly.

The third annual dancing party of the Evansville traffic girls was given on the evening of Tuesday, January 19th, at Magee's Hall. The hall was prettily decorated with emblems suitable to the occasion and two telephones were installed giving communication between those at either end of the hall. The attendance was about 200 and the reports from those present made the girls feel that they were well repaid for their efforts to make the evening a success.

Avis Hurd and Ada Curless of the traffic department of the Evansville exchange, entertained at a six o'clock dinner at the home of the latter on Sunday, January 24th. A very pleasant evening was reported by those present.

On December 30, 1914, the Waukesha operators enjoyed a "bobride," after which lunch was served at the home of the chief operator, Clara Dinkel.

The Waukesha operators and clerks were entertained by the plant department on the evening of January 13th. With Manager and Mrs. G. W. Johnson and Wire Chief and Mrs. Clayton Finch as chaperons the earlier part of the evening was given to sleighriding, terminating at the wire chief's residence, where lunch was served, and the remainder of the evening was spent in games and music. One feature of the entertainment was the "dwarf dance" by Belle Kendall, assistant chief operator.

On Wednesday evening, January 20th, the employees of the Burlington office were entertained by Manager and Mrs. C. A. Goodwin at their home. After an evening of cards, supper was served.

Rose Brockel, formerly an operator at Main office, Milwaukee, was promoted to the position of local service observer in the traffic department to succeed Alice Norell, who resigned to be married.

Alice Norell, Milwaukee service observer, was married to Fred Regnell of Memphis, Tenn., on Thursday, February 4th. The young couple spent a day in Chicago and then went to La Fayette, Ind., to pay a visit to the bride's sister, who was formerly an operator at the Main office. Their future home will be Memphis, Tenn.

Emily Arnold, of the accounting department, recently returned from an extended trip along the Western Coast, and while her trip took her to most interesting places and she enjoyed every minute of it, she returns convinced that after all there is no place quite as likeable as Milwaukee.

A theater party was given by Leone Holmes for the girls of the Milwaukee commercial, executive and legal departments at the Majestic Theater on Saturday, January 30th.

M. B. Dougherty, chief clerk in the Milwaukee commercial department, has resumed his duties after an illness of about two months with typhoid fever.

On January 20th, cable No. 13 at the Racine exchange was damaged by fire, caused by one of the branch aerial cables being struck by a trolley, and a 300 pair cable was considerably damaged at the underground lateral. The entire cable was replaced by the local cable repair force without causing any interruption to the service.

At noon on February 15th, an order was received at the Racine exchange from the Hartman Trunk Company to move a No. 4 private branch exchange switchboard carrying two trunks and eighteen stations. The work was completed in two hours and thirty



RESULTS COUNT

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Center Cut Jaws, for 3-16-in. soft rods.

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A new high-grade Torch of strong and durable construction, with maximum heat producing qualities and minimum consumption of gasoline. It is the strongest and best built Torch on the market. The wire wheel handle is always cool—a feature which will be greatly appreciated. The handle is heavy brass tubing, reinforced by a steel rod and extra heavy brass retaining plugs. The burner is the closed under generator type, insuring full efficiency in windy and coldest weather, and is supplied with a removable cast bronze soldering copper hook and support.

No. 220—\$5.40 Each Net
Polished Brass
Paint a torch of corresponding type, No. 320—\$4.80 Each Net

TURNER BRASS WORKS, Sycamore, Ill.

minutes by Ernest Pahl, chief installer, and George Kister, private branch exchange repairman.

The Wynot Club, whose membership is made up chiefly of operators employed at the Racine exchange, held its first annual dancing party at Winters' Hall, Friday evening, January 29th. About 320 people attended. Committees in charge were as follows: Music, Emma Bengard, Minnie Linden, Agnes Staff and Louise Peterson. Refreshments, Helen Petersen, Alice Eckstrum, Gladys Appgar, Lillian Perperth, Elizabeth Mildrum, Emma Kopman. Arrangements, Kathryn Cullen and Pernella Eckstrum. Chairman, Freda Miller, chief operator.

Freda Miller, chief operator at Racine, entertained the Silver Ten Club at a theater party on Friday evening, February 12th. After the performance supper was served at Phippen's restaurant. The guests included Emma Petersen, Ruth Mohr, Mabel Smith, Lillian Johnson, Hattie Zimmers, Lillian Perperth, Mabel Parker, Marie Feddersen, Bessie Smith, Genevieve Beaugrand and Mrs. Arthur Legler.

On January 12th one of the subscribers at Delavan, gave a sleighride for all of the employees of the Delavan office.

On February 9th a surprise party was given for Josephine Hess of the Delavan exchange, the occasion being her birthday.

On January 29th Kathleen Donahue, local operator at the Delavan exchange, entertained the Delavan office employees at her home. The evening was spent in singing, dancing and the amusing feature of the evening was a spelling contest, the winner being Ed. Fallon. Manager Parke slipped on the simple word, "photocopyography."

On January 14th a birthday surprise was given for O. Blackwood, wire chief at Delavan.

On January 29th the operators of the De Pere office gave a dancing party at Forester's Hall. The party was attended by about 200 people, a number of employees being present from the Green Bay office. The hall was prettily decorated with pennants reading "Number Please," "Wisconsin Telephone Operators," and also with two large blue bells and white and blue paper streamers. Everyone in attendance was so well pleased that the operators are already making plans for another party to be given some time before Easter.

The Kaukauna operators were entertained December 23rd at the home of the chief operator, Nellie C. Jones. The feature of the evening being a Christmas basket. A delicious lunch was served.

Elsie Weber, chief operator at Marinette, entertained the operators at her home on Thursday evening, January 21st, in honor of her cousin, Julia Marsieck, of Kewaunee.

Equipment Foreman R. D. Parvis and crew of Milwaukee have been engaged at Marinette for the past month installing 200 multiple, 220 answering jacks, a new test panel and two new ringing machines.

While returning to his home Monday night, January 11th, after overseeing some work, Carl Gruett, manager of the Rosendale Telephone Company, was thrown from his sleigh and rendered unconscious by striking a telephone pole. Mr. Gruett's horse became frightened. Farm hands saw the horse and empty sleigh standing in a farm yard nearby, and recognizing the vehicle communicated with Mr. Gruett's home. Searching parties were formed and it was not until 9:30 in the evening that he was found by a party headed by his father.

Alice O'Dell, toll operator at the Waupaca exchange for a number of years, has been promoted to the position of chief operator, succeeding Eva Larson.

G. R. Lyman, wire chief at Appleton, has completed the installation of a No. 4 private branch exchange for the Kimberly-Clark Company at Kewaunee. Service is being furnished them from the Appleton exchange. This is the sixth No. 4 private branch exchange that has been installed at Appleton within the past fifteen months.

Mayme Langedyk has resigned her position as chief operator at Little Chute. Stena Wevenberg, operator, has been promoted to chief operator.

Nina O'Connell, assistant chief operator at Appleton, entertained the supervisors at her home on January 6th. An oyster supper was served after which games were played and all spent a very pleasant evening.

On February 2nd employees of the Oshkosh exchange gave a housewarming party in the new addition of the exchange which has recently been completed. Dinner was served at 6 o'clock. About ninety people attended. The hours of the operators were changed so that both the day and night girls would be present at least a few hours. The operators had arranged a program of music and song which was creditably rendered and which was followed by dancing. The party was chaperoned by Messrs. and Mmes. A. C. Gallagher and J. Wilson.



GREEN BAY OPERATORS SKATING ON FOX RIVER.

On January 8th about thirty operators at the Green Bay exchange were the guests of the Green Bay Motor Boat Club. The club house is located on the Fox River and the girls enjoyed a most delightful time skating and tobogganing. A marshmallow roast in the club rooms wound up the evening's entertainment.

On February 11th Alice and Arlette Reid, local operators at Green Bay, entertained the "Modern Pricillas," a club whose membership is principally composed of operators, at a "Children's" Party, the evening being spent in playing childhood games.

Genevieve Devereaux, Green Bay toll operator, entertained the members of the D. M. C. Club at her home on February 10th. Sewing occupied the girls' time for a large portion of the evening, after which a delightful luncheon was served by the hostess.

On February 3rd, Alma Hansen, local operator, Green Bay, was pleasantly surprised by a number of operators at her home on South Ashland Ave.

On January 3rd, Rose Smitz, chief operator's clerk at Green Bay, entertained a number of the operators at her home, and during the evening the girls organized a club known as the "Lonely Janes." The following officers were elected: President, Grace Turk; Secretary, Pearl Van Oss; Treasurer, Anna Smits. After all the "business" that came up at this meeting was disposed of, a luncheon was served by the hostess.

On January 31st about twenty-five operators at the Green Bay exchange, entertained sleighride party, driving to the home of Alvina Building at De Pere.

On January 24th Ella Pfeiffer, chief operator at the Green Bay exchange, entertained fifteen of the local operators at a skating party on the Fox River.

Cleveland Division

W. F. Johnson, Correspondent

Electrical Engineers Inspect Main Office

There have been a large number and variety of organizations entertained at the Main Office of the Cleveland Telephone Company, but there has probably been no body of men who were more interested and appreciated the intricacies of the electrical apparatus more thoroughly than the Cleveland section of the American Institute of Electrical Engineers. Eighty members were the guests of the Cleveland Telephone Company on January 20th.

Howard Dingle, chairman of the Cleveland section, and E. H. Martindale, chairman of the program committee, made short addresses on the part of the members, and General Manager Allard Smith, of the Cleveland Telephone Company, made the address of welcome.

After luncheon and an interesting stereopticon lecture treating of the development of the telephone from its inception to the present day, given by N. Anderson, traffic superintendent, the members were conducted through the building by employees.

Meeting of Installation Employees

A meeting was held in the Main dining room on the evening of January 29th by the installation department.

Mr. Dombrosky, installation superintendent, spoke of the great importance of accounting for material used in the proper manner. He also called attention to the need of the installers carrying on brief and business-like telephone talks when calling the district installer in connection with their work. A number of other items of vital importance were called to attention by Mr. Dombrosky and following this a musical and vaudeville entertainment was given.

At the conclusion of the program Mr. Berlin, plant superintendent, spoke on the general work of the department, and also in response to a number of requests gave a detailed explanation of the plan to enable the employees to become stockholders.

Mr. Wilson, maintenance supervisor, talked on bowling and the meeting closed with a "songfest."

Cleveland, the City of Good Will

Employees of the Cleveland Telephone Company took an active part in a campaign on February 4th to raise \$100,000 to be used in making work for the destitute unemployed. A citizens' committee of 100 originated a plan whereby the more fortunate members of the community who were employed would be given an opportunity to share a day's earnings with the less fortunate. Thousands of printed blanks were distributed throughout the city and the hearty response from all quarters again demonstrates the fact that Cleveland is the city of good will.

General Manager Allard Smith, appointed a committee of two in each department of the company to place the matter before each employe and where the employe was not in a position to forward the money with a pledge the company paid the pledge allowing employes until February 20th to make payment. The exact amount contributed by the Cleveland Telephone Company employes is not known at this time, but it will amount to several hundred dollars.

Construction Department's Monthly Meeting

The first of a series of monthly meetings of construction department employes was held at Main Office Building on the evening of January 29th. Although the meeting was primarily a business meeting, Mr. Shiel, general cable foreman, was delegated to provide some amusement, and he arranged an excellent program of vaudeville acts.

The Cable Splicers' quartette, consisting of Thomas Tracy, William Paskart, Herman Rojanski and Richard Haggerty, was the first number. Ray Sells, buck and wing dancer, followed. Dick Haggerty, the comedian of the company, came next with stories and songs, which were heartily enjoyed. After the program Mr. Berlin, plant superintendent, talked to the employes in regard to construction matters and also gave an explanation of the plan to enable employes to become stockholders. Murphy and Monroe, dancing and singing comedians, deserve great credit for their share of the entertainment. George Cornelius followed with monologues, which was well received. The plant accountant, Mr. McGahan, was taken by surprise and asked to make a few remarks in connection with the relationship between accounting and construction work. This was the first time the construction employes had ever met Mr. McGahan, and they appreciated his remarks, and profited from his talk.

The meeting was closed by a heart-to-heart talk given by J. J. McCarty, construction superintendent.

Meeting of Maintenance Employees

On the evening of January 25th a general meeting of maintenance employes was held in the dining room of the Main building. This meeting, which was the first of its kind, held exclusively by the maintenance division, was attended by practically every man on the force. The purpose was to get together and provide an occasion for discussing matters of common interest.

Messrs. Shilling and Frohaska arranged a program of entertainment consisting of an orchestra and other musical numbers, including vocal solos by Mr. Carnal, which were greatly enjoyed.

H. S. Berlin, plant superintendent, the speaker of the evening, gave a comprehensive description of the maintenance organization, as set up in Cleveland. He then outlined in a broad manner all the phases of maintenance work, emphasizing the difference between proper maintenance and mere repair work. He announced the intention of instituting courses of instruction designed to assist the men in meeting the difficulties with which they have to contend.

Mr. English, inspector, and Mr. Fiala, Edgewater wire chief, both spoke on bowling matters, which is always a very popular subject with the male employes of the Cleveland company.

Social Notes

On the afternoon of February 5th Miss Spencer, social supervisor, entertained the librarians from each of the ten offices at a luncheon. The guests of honor were Miss

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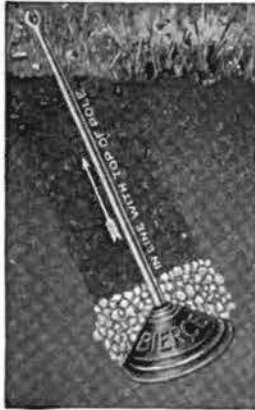


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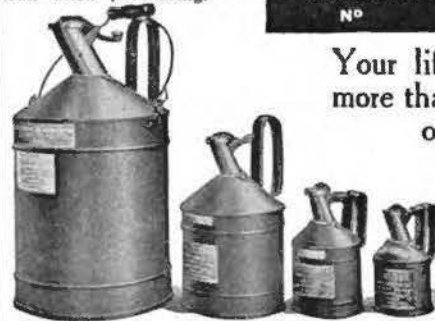
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Prouty, who has charge of the station libraries of the Cleveland Public Library, and Miss Christler, president of the Vacation Savings Club. After the luncheon, in Main office dining room, Miss Christler made a short address explaining the object of the Vacation Savings Club and the entire party then proceeded to the Main branch of the Public Library. Miss Prouty gave an interesting talk in the library assembly room on library work. The Cleveland Telephone Company has maintained a branch of the Cleveland Public Library in each one of its offices for a number of years and this has enabled the operating employes to obtain all the latest books without any trouble or inconvenience.

The Alpha Club, composed of Garfield operators, entertained 150 people at a dancing party given on the evening of February 4th at Conklin's Dancing Academy.

Another dance that was attended by a large number of telephone employes was the annual party of American Telephone and Telegraph employes on the evening of January 15th. About 140 people were in attendance at the Olive Academy.

As both of the above dances were held in East-side halls the Centralis Club, composed of Main office employes, decided to hold its dance in the West-side Chamber of Industry. Although the weather was very inclement over 200 were present on the evening of February 5th.

There are a number of songs on the market in regard to Beautiful Dolls, Big Dolls and various other doll subjects, and possibly this run of doll songs inspired the operating force of Harvard Office to hold a Baby Doll party. All the employes of Harvard office came dressed as dolls to the home of Miss Jaekel, on the evening of January 23rd. The decorations throughout were of red and white, and small baskets of candy were presented as favors. Of course, all the latest doll songs were sung.

The operating forces at Edgewater Office have been taking an active interest in the Home for Crippled Children. On January 28th they held an entertainment and raised \$25 for the Home.

West Office started the New Year right by winning the banner for the month of January. This prize is given to the office which obtains the highest rating each month.

The chief operators, supervisors and clerks of Rosedale office were pleasantly entertained on the evening of January 21st at the home of Mrs. Karran, who will be remembered by Rosedale operators as Bertha Miller.

Marlo Operators participated in a birthday surprise party given on the evening of February 5th in honor of Cathleen Flanigan, an employe at Marlo office.

Ohio Division

**B. T. Calaway, Correspondent,
Columbus**

High Waters at Zanesville

The Muskingum river caused a good bit of uneasiness in both telephone and civic circles at Zanesville but the flood crest passed and no particular damage was done other than the washing out of about 1,000 feet of 200-pair cable at the temporary Sixth street bridge. On the night of February 1st ice and debris collected above the temporary bridge to Putnam and it was necessary to dynamite this to make a channel for the water and relieve the pressure on the bridge. Finally one span of the temporary bridge was cut loose and floated down the river to form a sufficient channel.

Plant Chief Gust McNeal and Jack Armentrout, line foreman, together with their plucky linemen disregarded the danger of working on the remaining portion of the temporary structure and by securing permit from the McClintic-Marshall Company to attach a new temporary cable to the skeleton work of the three spans of a new steel bridge to Putnam, now being erected, they were enabled to erect a new cable in record time considering the dangerous conditions under which they labored. At six o'clock on the morning of the fifth the Putnam telephones were again in service entirely through the efforts of the local force.

Exchange Notes

The girls at North and Main exchanges, Columbus, enjoyed a sleigh ride, Tuesday evening January 25th, to the home of Mrs. John Corp, near Linden Heights. The evening was spent in games and music, being properly concluded by a fine chicken supper. The Columbus exchanges suffered rather heavily at the hands of Cupid during January, there being six marriages during that



J. T. DANIELS.

James T. Daniels has been appointed traffic superintendent of the Central Union Telephone Company for Ohio, succeeding the late F. W. Whitten, whose death occurred January 24th.

Mr. Daniels was for several years manager of the Columbus exchange, but for the past three years has been in the Ohio state commercial department.

month. Josephine Lex, Marcella Ardner, Alice Eberly, Alice Jerman, Nelle Huff, and Virginia Mineard were the brides.

On February 3rd a miscellaneous shower was given by the girls of the Columbus Main office in honor of Mrs. Harry Kline, nee Josephine Lex, at the home of Mrs. Barrett, West Rich street. Many useful and pretty gifts were received.

Nelle Huff, who resigned in January to be married, was presented with table linen by the girls of the Columbus East office.

E. A. Reed, general manager of the Ohio division, has been reelected president of the Athletic Club of Columbus. The club has been very successful during Mr. Reed's tenure of office.

Exchange Notes

On January 19th, North supervisors at Columbus gave a shower for Mrs. Will Sams (Ascenith Hays) in the rest room of the office. About twenty girls were present.

Girls of the Zanesville traffic department completely surprised Mrs. Bessie Dorsey Osborne, a recent bride, when they gathered at the home of her sister. It was a miscellaneous shower and Mrs. Dorsey received a number of gifts.

Employes of the Central Union Telephone Company and the Lima Telephone and Telegraph Company enjoyed a sleighing party to the home of Mr. and Mrs. F. A. Heath on January 25th. Various amusements were provided for and a dainty supper was served.

Mamie Kearns, cashier at Lima, who has been in the employ of the Central Union Telephone Company for the past ten years, became the bride of Timothy McAllisse January 19th. The marriage took place at 7 a. m. at St. Rose church, and was followed by a reception at the home of the bride. Co-workers and employes of the company presented the couple with a beautiful electric library lamp.

Velma Jacobs, local operator at Norwalk, resigned January 13th to become the bride of Cecil White, of Chicago Junction. Miss Jacobs was succeeded by Miss Jerpe as operator.

Sandusky employes and some of their friends enjoyed a sleighing party to the Auto Club House one night recently. There was not only dancing for the diversion of the guests after the exhilarating ride, but bowling and cards as well as a midnight lunch. Gladys Appell played the piano for

the dancers. The guests were Minnie Geisler, Lenora Schnell, Millie Eggert, Hattie Payne, Edna Eggert, Ada Martin, Alma Coles, Ida-bell Missig, Ruth Crossen, Christena Schneider, Jean Gorden, Reha Birkmeier, Marjorie Butler, Ester Herring, Norma Murschell, Mabel Guckert, Mr. and Mrs. J. M. McCabe, Mr. and Mrs. Carl Schwoighart, Mabel Bauman, Gertrude Bing, and the Messrs. Lauderbach, Carl Brown, Jim Donovan, Arthur Reumelle, Lester Mielke, Charles Prentice, Bob Butler, Walter Murschell, Gene Loth, John Wilhelm, Alvin Weichel, and Mr. and Mrs. Starks.

Indiana Division

**D. H. Whitham, Correspondent,
Indianapolis**

Trouble Rains at Washington

J. B. McBride, installer at Washington was absent at the time of this writing, after taking an injection of typhoid serum, Mary Colvin and Zella Yeager, local operators, were absent after being vaccinated against smallpox. There is an epidemic of smallpox at Washington and several of the employes were vaccinated, but Miss Colvin and Miss Yeager were the only ones to draw sore arms.

Lena Bennett suffered a painful injury from a fall she received while on her way to the exchange. Miss Bennett has recovered.

Herschel Beatty, lineman at Washington, has been down with a bad case of smallpox. In quarantine with and acting as nurse for Mr. Beatty was his sister, Stella Beatty, who is toll operator at this exchange. Mr. Beatty expects to be back in a short time.

William Skeel, lineman at Washington, fell from a ladder February 1st, and badly crushed the bones of both feet. Mr. Skeels is the most painfully injured of the exchange hospital patients.

The Ford roadster, driven by F. W. Immel, acts, with its duties as a trouble car, as a taxi, a delivery wagon and a motor ambulance among the sick and injured of this exchange.

Exchange Notes

On January 27th, the Indianapolis Toll girls organized a sewing club, to meet every two weeks. At five o'clock a hot luncheon was served in the dining room of the Main office building, after which all gathered in the rest room, where a pleasant evening was spent in sewing. Mrs. McWhinney, welfare supervisor, was the guest of honor at this meeting. The second meeting was held on February 9th. Luncheon was again served at five o'clock to twenty-two girls. The special feature of the evening was a valentine basket. Each girl was the recipient of a valentine. Afterwards all assembled in the rest room, where they became busily occupied with their needlework. With the music from the victrola and several games a very pleasant evening was spent. The picture was taken while the girls were busily at work.

On Monday evening, January 25th, Mattie Harms, traffic chief at Terre Haute, gave a sleighing party for the operators. After riding through the principal streets of the city, they went to the home of Miss Harms where a hot luncheon was served.

Della Harman, local operator at Terre Haute, was married to Harvey Winters, Sunday, December 28, 1914, at Paris, Ill.

Martha Ishum, supervisor at Washington, was quietly married to Harve Smith, of that city, January 12th.

Thirteen failed to bring any bad luck to the Washington forces although just that number attended a bob sled party on the night of January 21st. The party was followed by a lunch of sandwiches and coffee.

South Bend employes gave a sleighride party on the evening of January 29th, going to Lydic, Ind., about seven miles from South Bend. Three sleigh loads consisting of members of South Bend and Mishawaka exchanges, and some of their friends left the telephone building at six. Arriving at the Hall in Lydic everybody was ready to enjoy the "eats" prepared, after which dancing was enjoyed, music being furnished by M. E. Shipe, chief operator, Inez Knox and Edythe Swanson, operators, and the "Tenderfoot Band." Vocal solos were rendered by Mr. Bolin of South Bend exchange, and Mr. Dudding of Mishawaka exchange. A drum "solo," given by Manager E. T. Bonds, was thoroughly appreciated. Mr. Bonds then gave a short talk to the employes, and to the rural subscribers, quite a number being present. Miss P. E. Gilbert, clerk, was voted to be the



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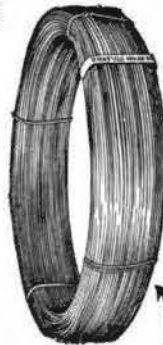
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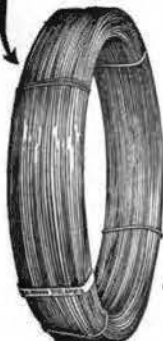
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"Champion" "Forgetter," the prize being awarded accordingly. Miss Gilbert was delighted to receive a large mink muff. D. H. Whitham of Indianapolis was among those present, filling his part as "Dr. Yak" admirably, having only one patient during the entire evening.

Mary Boyle, local supervisor at South Bend, resigned her position on February 6th. Mrs. Boyle who was married recently will leave in a short time to make her future home in Oklahoma.

On Tuesday, February 2nd, a lunch was served by the operators of the South Bend Main exchange. The proceeds of the lunch are for the benefit of the fund being raised to purchase a piano for the operators' retiring room.

Florence Luce, local operator at South Bend, gave a farewell shower on the evening of February 8th, for Mary Boyle.

It would seem as if South Bend office is full of surprises, but little "Dan Cupid" can play the biggest ones of all. On January 15th Emma Wagner resigned her position as operator, and on January 16th, the *News-Times* announced her marriage some weeks earlier to Victor Dunning. They are at home to their many friends at 923 East Davyton St.

The first annual dance given by the Blue Bell Club of Peru was very successful. A number of Central Union operators from Logansport and Kokomo were among the guests. The grand march, which began at nine o'clock, was led by Marguerite Shanahan, Bessie McCauley, Roy Brunson, of Ft. Wayne, and Will Daly. More than eighty were in line.

Michigan Division

Victor H. Look, Mrs. Nellie Flintham, Correspondents, Detroit

Detroit Winning Divisions

The third B division, north, won the January contest; supervisor, Miss C. Grewe.

Maude Meredith, second supervisor, Cherry B, won the January contest.

Lena Krick, ninth A section, and her operators won the January contest.

The third day A section won the Cherry contest for January.

Miss A. McIlween, supervisor second A division, Hickory, won the January contest.

Dora Elden, West B supervisor, won the January contest.

Zelma Farwell's section won the A contest for January, and Stella Hemel's section the B contest in the Walnut.

Mae Harris, fourth day A supervisor, Grand office, won the contest for January.

Miss Carlin, sixth evening A supervisor, North, won the January contest.

Supervisor Miss T. Sebastian, Ridge, fourth A, and her operators were the winners of the January contest.

The Cadillac third A section, with Mamie Hall as supervisor, won the contest for January.

Detroit Weddings

Myrtle Boyce, evening B supervisor, Grand Office, resigned to marry David Bootrick February 17th.

Ethel Lobsinger resigned January 1st after two years at Walnut, to be married to Walter Lumley.

Cecil Poole, day A supervisor at Cadillac office, resigned January 22nd, to be married to Chris Wittrup. The marriage took place in Holy Redeemer rectory, Wednesday, January 27th, at 6 p. m. Miss Poole has a host of friends at Cadillac, and was presented with a beautiful cut glass water set. Mr. and Mrs. Wittrup will be at home to their friends at 458 St. Clair avenue.

Social Affairs in Detroit

Operators Irene Gannon, Elizabeth Lorenzen, Nettie Lorenzen, Anna Murphy, Emily Ponlot, Edna rue, Gertrude Prue and Martha Schmult, Grand Office, have a pleasure club, named the "Aloha." They meet every other Wednesday at the homes of different young ladies, indulging in games, etc., appropriate to the evening. So far they have had a "minstrel," "stag" and "hard time" evening, and one week a maid's party at the home of Emily Ponlot. Martha Schmult won the prize, a hand-embroidered talcum powder case, for having the best maid's costume.

The girls are very enthusiastic over the success of their club, and in all probability it will not disband during the summer.

The Main and Cherry girls gave a very pretty cotton party at Strasburg's dancing academy, Tuesday evening, February 9th,

which a large number attended. The color scheme was carried out in blue and white. Blue bells were placed in different parts of the hall and a blue and white pennant representing each office draped about the largest blue bell. The dancing program consisted of the old time two-step at its waltz, intermingled with a few fox trots, maxixes and one-steps.

The Hemalowa Sewing Club (Hemlock office) is meeting with great success. Each week a committee of four girls is appointed to look after the entertainment and lunch (if any) for the following week. On Wednesday, January 13th, Anna Sorensen, Emma Albright, Louise Smith and Florence Landry served on the committee and planned a "little girls" party. Thirty-five girls were present, each one carrying either a doll or "teddy bear." Games were played and Rose Gareau carried off a hand-painted plate as first prize for pinning the "tail on the donkey." Lunch was served, also all day suckers for the little girls. The club gave a stag party on Wednesday, January 30th. The girls serving on the committee were Beatrice Teahan, Grace Schlickemayer, Selma Fischer, Edna Davis and Irene Kelly. There were costumes of all descriptions. The evening was spent in dancing and a special lunch was served. Cake made by members of the club, olives, coffee and ice cream were served.

On Tuesday evening, January 26th, about 600 girls with their friends, gathered at Strasburg's Dancing Academy to enjoy the mid-winter dancing party given by the North, Hemlock and Walnut offices. The hall was prettily decorated with palms, colored lights and festoons of blue and white bunting. During the evening solos were rendered by Chief Operator Stevens of Walnut office, and by Messrs. La Tolette and Deeds. The color scheme of the dining room was also blue and white. During intermission, the guests were served with refreshments and entertained with a cabaret show by Hazel Jacobs of Hemlock, Helen Jaska of Walnut and Messrs. La Tolette and Deeds. The energetic reception committee was composed of girls from the three offices. The North girls looked after the decorating, the girls from Walnut were the program committee, while the Hemalowa Club of the Hemlock office attended to the refreshments.

On the evening of February 3rd five big sleighs filled with happy girls left the North, Hemlock and Walnut offices to enjoy the first sleigh ride of the season. The evening was ideal for a sleighing party and after a two-hour ride 200 hungry girls returned to Hemlock office to enjoy the Dutch lunch of coffee rolls, hot dogs and doughnuts. The North girls were all excited because of a "spill" of one of the sleighs, but after a glimpse of the "feed" they forgot their troubles. The remainder of the evening was spent in dancing in the cafe.

"Soo" Dancing Party

Girls of the Sault Ste. Marie exchange are much pleased with the success of their first party of a series they hope to give.

The first event was a ball, given the night of January 27th at the Knights of Columbus hall.

The young women wanted money with which to decorate their rest room in the Michigan State Telephone building. The company provided this room when it moved to its new quarters and also the furniture. But the girls want to give their rest room a few of those deft little touches that are necessary to make places of this kind homelike and cheerful.

So they planned this dancing party. It was a success and now they want to go in for something a little more elaborate, and, it is not unlikely that they will give a series of parties. When they complete furnishing their rest room, they plan to create an outing fund. They want to rent a cottage at some pleasant point along the river, so that during the summer months they may have a place of their own for an outing.

But their ambitions do not stop here. After securing the cottage they want to go in for charity work. They probably will not arrive at this point before next fall, but that will be sufficient, as there is little need for charity work in the summer.

Exchange Notes

Mabel Lang gave a linen shower at her home in Saginaw for Helen Hunt, whose engagement to Herbert Bruce has been announced.

Esther Welchman has resigned her position at Saginaw East office to become the bride of Earl Starr.

Mayme Watkins, assistant chief operator at Saginaw, recently entertained the chief operator and superintendent of East and West offices at her home. Vocal selections rendered by Rose Gravatt, accompanied by Vie Willis, formed one of the agreeable features of the evening.

Bessie Greenman, A operator at Grand office, Detroit, died January 24th after an illness of five weeks with heart trouble. The Grand employees sent a beautiful floral design as an expression of sympathy for the family.

Gertrude Miller, of Saginaw, entertained a number of the operators at her home.

Mae Rumpo, of Saginaw East office, has resigned and will be married to Raymond Hall.

On January 19th, E. P. Platt and A. W. Robb were entertained at supper in the dining room of the Telephone Building at Kalamazoo by the executive force of the commercial and traffic departments. Stories of funny happenings in telephone exchanges twenty years ago formed an enjoyable feature of the evening.

Bernadette Love gave a supper to the Kalamazoo toll force February 4th in celebration of her birthday. A theater party at the Majestic was enjoyed later in the evening.

Kalamazoo day toll operators gave a surprise luncheon January 7th in honor of the birthday of Cora Sootsman, day supervisor. Twelve attended and later saw "Excuse Me" at the Fuller Theater.

Gertrude Deal was delightfully surprised on February 3rd, her birthday, when the Kalamazoo evening toll force gave a supper in her honor in the exchange dining room.

Detroit Main and Cherry girls have organized a sewing club of about forty members. They meet Tuesday afternoon in Main rest room.

Pearl Bathurst, toll operator at Romeo, was married February 5th to Roy Mellon.

The Blue Bell Social Club of Houghton gave a sewing club party January 20th. After tramping about five miles the members enjoyed a turkey supper.

Marquette operators enjoyed a sleighing party January 18th. After several hours riding they returned to Bureau's Hall, where lunch was served and dancing closed the entertainment.

The Calumet operators gave a skating party at the Colossus January 7th. About 1,500 people attended.

Niles operators recently enjoyed a pleasant sleighride to the home of John Striebel, six miles north of Niles. Manager and Mrs. Ed. Zwergel were in the party.

On January 15th Miss Johnson, chief operator at Niles, had the operators meet her in the public office at 8:30 p. m. to discuss traffic matters, she preparing a light lunch. When the operators discovered that this was being done by the chief operator, they very readily "hist" among themselves and in turn surprised the chief operator by the preparation of what might be termed a "real banquet." The arrangements as to the preparation of the "table setting," "boiling of frankfurts" and the "making of the coffee" was done by Mrs. Zwergel and Miss Schnoor, commercial clerk. The dining room in the Niles office has been the scene of many good times. The table which was used and burdened with provisions, was the linemen's work bench, tastily arranged. All enjoyed themselves thoroughly.

We noticed in the December issue of the News an article entitled "Cupid on the Wire," originating at Green Bay, Wis. The Green Bay exchange doesn't have a corner on the marriage license bureau, however. The Benton Harbor, Mich., exchange has a total force of twenty-five operators and supervisors. Inside of seven months from June to December, 1914, inclusive, two supervisors, five operators and one clerk from the traffic department have changed their names. This is thirty-two per cent. of the entire force married inside of seven months. (Now applications for operator positions are plentiful.)

Still another of the Jackson district's fairer sex has decided that double harness is more pleasant than single. This time it is Frances Hanlon and George R. Stahl, both of Albion. The event took place January 14, 1915. Miss Hanlon was operator at the Albion office and has decided to continue to live right in the same old town.

On Friday evening, January 16th, the Union City exchange gave its third annual "ball." The ball was a huge success, both socially and financially. About 300 people attended the festivities. The dance had to be held in the "opera" house, as some of the unsympathetic and inartistic people had preempted the dance hall of the town for a chicken show. However, the floor of the opera house was massaged and was in excellent shape. After all the bills had been paid, it was discovered that each operator had \$5 to her credit and a good time besides.

Once more Albion comes to the front, this time with a regular sleighride party out to Mrs. Lavo Rutz's farm. Mrs. Rutz was formerly chief operator at Albion.

A new circuit was strung between North Adams and Hillsdale during the first part of January. This circuit will clear up bad conditions, which have seriously impeded out traffic between these two points. The work was in charge of Harry Maloney.

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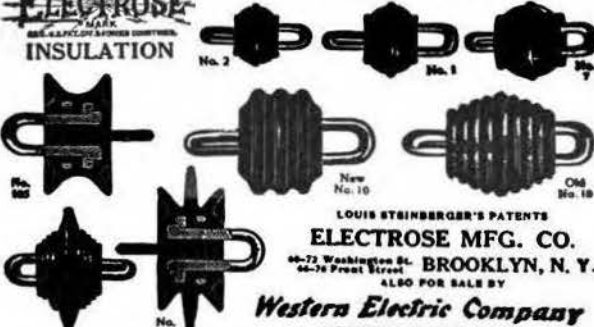


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ONE SYSTEM

Volume 4

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Number 9

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Mr. Vail on the Outlook

Theodore N. Vail set forth in a letter addressed to the security holders of the American Telephone and Telegraph Company, supplementing his recent annual report, his views respecting the general business situation and the course which should be pursued all along the line to effect restoration of common prosperity. While admitting frankly and tersely that "there is a condition of disturbance, of economic unsettlement, which cannot continue indefinitely," he insists that the country was never in better shape basically and adds confidently that only combined effort to inculcate sound ideas and true understanding is requisite to the prompt removal of obstacles which now bar the way to general and permanent revival of business. Although perhaps not optimistic in the strict meaning of the word, Mr. Vail's message is distinctly heartening and breathes positive encouragement with respect to the immediate future.

After pronouncing agriculture, manufacturing and transportation, including intercommunication, the bases of all industries, he sums up the existing situation in these words:

"During the quarter of a century just passed these three principal industries increased about two times and now represent about \$100,000,000,000 of invested capital. This development

and this new wealth of \$65,000,000,000 in these enterprises alone was made possible by, and was coincident with, the development of transportation.

"The capital invested in public service and manufacturing increased during the quarter of the century at the rate of nearly \$1,500,000,000 per year; the number of employed increased about 100 per cent. and their yearly compensation over \$3,500,000,000 or 130 per cent. In enterprises of transportation and intercommunication the capital increased over \$15,000,000,000 or an average of \$600,000,000 per year; employes over 175 per cent., with an increase in yearly compensation of \$1,350,000,000 or over 200 per cent.

"The normal employment in the public service and manufacturing industries alone should be at the present time nearly if not quite 12,000,000 with annual earnings of from \$7,200,000,000 to \$7,500,000,000.

"All employment is far below normal. There are fully 2,000,000 unemployed, whose yearly earnings should be at least \$1,250,000,000. These unemployed are now living at the expense of their savings, their friends, or the public. If they were employed, normal conditions would be restored, the circle of interdependent conditions would be balanced, prosperity would be restored.

"If there could be a restoration of conditions which would inspire confidence in their securities sufficient to command the capital with which to begin the expenditure of even a part of the \$1,000,000,000 a year needed to put these enterprises in a position to meet the demands of the country both as a 'going' and as a 'growing' concern it would soon restore the normal conditions of employment, expenditure, consumption, production. The circle of industrial conditions would be again balanced, shops and factories would be filled, and instead of the bread line there would be a working line night and morning between places of employment and homes."

How can this be accomplished? Mr. Vail answers:

"THE MOST VITAL OF ALL PRESENT ECONOMIC PROBLEMS ARE THE RELATIONS

BETWEEN THE PUBLIC AND PUBLIC SERVICE UTILITIES, PARTICULARLY THOSE OF INTERCHANGE AND INTERCOURSE — WHAT CONSTITUTES PROPER REGULATION AND CONTROL? — WHAT IS THE BEST METHOD OF SECURING THEIR PROPER MAINTENANCE AND FURTHER EXTENSION?

"Movement is life—intercourse and interchange are the basis of civilization and commerce.

"The United States of to-day, in all its magnificence, has been created—its latent possibilities made tangible, its prosperity maintained, its growth continued—by or because of these means of intercourse and interchange. The maintenance and continued growth of this prosperity will be in a great measure dependent upon the maintenance and continued growth of the utilities which furnish these facilities. All other utilities or industrial or commercial enterprises are subordinate to and dependent upon them.

"It is the generally accepted belief that utilities are dependent on the public rather than the public dependent on them; while neither could exist without the other, means of intercourse and interchange are the *advance agents*. Competition control, regulation and legislation have been looked upon as the causes or forces which have enabled or compelled industrial enterprises to improve and extend their service; to increase production; to pay increased wages and taxes; and at the same time to decrease charges for service rendered. While these have been to some extent a stimulus, the wonderful improvement which has been made has been coincident, and indissolubly connected with the replacement of the old 'rule of thumb' methods, by methods of scientific operation. *Investigation, research, and the application of the results to both operation and production have produced 'much more' and 'much better' from the same or less effort and expenditure, and have obtained valuable products from what had heretofore been wasted; much to the benefit of the worker, the public served, and those responsible for the work.* There is a lack of consistency in the under-

New Oak Park Central Office Cut Over

President of Village Board Pulls Cord Which Places in Service Largest Equipment in Chicago Suburban Division.

When August Einfeldt, retiring president of the Oak Park village board, lifted his arm and pressed a lever at 10:30 p. m., Saturday, April 17th, he placed in operation the new Oak Park exchange of the Chicago Telephone Company, one of the best equipped and most modern in the world.

The cut-over was the occasion for a gathering of many village officials and officials of the telephone company. President Einfeldt participated actively, while W. F. Sargent, commissioner of public works, and A. R. Linder, president of the Oak Park Commercial Association, were interested spectators. Vice President Alonzo Burt, General Manager W. R. Abbott, General Traffic Superintendent S. J. Larned, General Commercial Superintendent A. R. Bone, and a number of other officials of the telephone company were present. All were high in their commendation of the preliminary work upon which the success of the cut-over was dependent. Following the cut-over, a lunch was served

in the commodious dining room, which is an important part of the new building. Earlier in the evening the visitors had inspected the building from basement to roof.

The actual cut-over was described in Oak Park *Oak Leaves*, of April 24th, in the following interesting paragraphs:

Finally the hour arrived to "make the cut-over." President Einfeldt was placed at the switch which was to throw the batteries of the new plant into their long tour of duty and the men of the construction and operating forces took their posts.

"Are you ready, Phil?" asked Joseph Vranek, toll wire chief, into a telephone at the end of the new switchboard. Phil was the man in charge of the other end at the old exchange. His job was to "kill" the old plant. He answered that he was prepared and that they could shoot whenever they desired. He had men ready to

pull out thousands of "heat coils" and thus disconnect the wires.

Mr. Vranek, after discovering that Phil had not gone out to the nickel show, and really was prepared, glanced about to see that all the men and all the girls and chief operators, information desk workers and toll-line girls were at their posts. Being assured that all was in readiness and that Mr. Einfeldt had his hand on the switch,

"When I went with the company in 1893," he continued, "the entire city of Chicago did not have as many telephones as the Oak Park district has now, and there are now more telephones in Chicago alone than in the entire United States in 1893."

Investigation revealed the fact that Dr. Peake, who formerly conducted a drug store on Lake Street, had the first telephone, beginning about 1885. For years

this was the only instrument in Oak Park. Ten years later a switchboard was established in the Lovett drug store with about thirty instruments. These grew to eighty and the first directory was issued. The growth of telephone users since then has been at arithmetical ratio, and appears to be accelerated each year. The company prepared statistics on this growth as follows:

| Year | Instruments |
|----------------|-------------|
| 1895 | 30 |
| 1900 | 541 |
| 1905 | 2,214 |
| 1910 | 4,777 |
| April 15, 1915 | 8,021 |

Mr. Abbott said he was present at the setting of the first pole, which was placed on Marion

street, just north of Lake.

The new building is located at 6709 Lake street. The erection of the building and installation of the new equipment required about ten months. Ground for the building was broken June 23, 1914, and work on the equipment installation began December 14, 1914.

The lot faces 100 feet on Lake street at the northeast corner of the alley west of Euclid and is 190 feet deep, with the building situated near the front lot line. This leaves a large park space at the rear and to the east which is improved with grass, shrubs and trees, and will be equipped with swings, settees, and used for recreation grounds for the operators.

The building is L shaped, the front wing being forty-nine feet deep and extending eighty-two feet along Lake street, and the north wing being thirty-two feet wide and 111 feet deep.



NEW CENTRAL OFFICE OF CHICAGO TELEPHONE COMPANY AT OAK PARK, ILL.

Mr. Vranek said, "Hello, Phil," and after an instant, "Phil, pull your heat coils."

Phil did. Mr. Einfeldt threw the switch and the men at the north end of the switchboard jerked out, violently it appeared, thousands of connections. Instantly the girls who had been without anything to do, saw the board begin to flash the accustomed lights and they were at their usual task. In a moment it was discovered that two wires out of all the thousands had been crossed. Again Phil was called and in a minute he had corrected the one error.

"We spent two and a half years and about \$300,000 preparing for that half minute's work," said General Manager Abbott, as he contemplated with satisfaction the results achieved, and the *esprit de corps*. "Less than \$70,000 is in the building, the remainder is in wires and other equipment."

The new office is in every respect modern and complete. The building adjoins the postoffice and is of a similar type of architecture and forms a pleasing addition to the neighborhood, which is the principal business part of the village. In the near vicinity is the Y. M. C. A. Building, a large and pretentious structure; on the next block on the opposite side of the street is the Municipal Building which is also a large and ornate structure; directly opposite is a large apartment building containing stores and doctors' and dentists' offices.

The building is constructed of reinforced concrete with outer walls of red paver brick and white Bedford stone trimming. The entrance is trimmed on the outside with Bedford stone and the vestibule is finished in Phoenix Pink Tennessee marble. Provision has been made for future additions, the foundation being heavy enough for four stories and the north walls being arranged so that the building may ultimately cover the entire lot. The present building is designed to provide space of central-office equipment for about eight years.

The basement contains the cable vault, where cables enter from underground conduits, the battery room and the boiler room. The first floor is occupied by the terminal frames and racks and testing equipment. The east half of the front wing is used for commercial offices. The second floor is occupied by the operating room, which extends the full length of the building on the west lot line, and the operators' quarters in the east half of the front wing. The restroom has a fire place, easy chairs, couches and rugs.

There is little wood used in the interior construction. Concrete floors, covered where necessary with Battleship linoleum, are the rule. The hallways and stairs are finished in tutti-colori. The interior wood and metal trim is finished in oak and the ceiling and walls are decorated in buff and brown.

The building weighs 3,220 tons, has cubical contents of 280,000 cubic feet, with

a floor area of 15,000 square feet, and cost, together with the lot, approximately \$78,000.

The value of the equipment in the build-

ander, day chief operator; Miss Currie, assistant day chief operator; Mrs. Krausfeldt, evening chief operator, and Miss Griling, night chief operator.

The operating force consists of six supervisors, two clerks, one matron and seventy operators.

Fred Burchley is the wire chief and has a force of two switchboardmen, one testman, two repairmen, one clerk and one janitor.

The Government Way

This little incident is reprinted in the *New York Sun* from the *Claremont, N. H., Daily Eagle*, under a subhead which says the government "makes the citizen pay high for its own lack of efficiency."

A man, whom we may call Jones, sold an article to a stranger and sent the article by parcel post collect. That is to say, he used the C. O. D. privilege now extended to patrons of the parcel post; and his customer made his payment to the postmaster at Lebanon, who was supposed to send a money order for the amount back to Jones.

The money order failing to arrive in due time, Jones applied at the local post office for a duplicate order by which he might obtain his remittance. Two sets of blanks were furnished to him, one in the form of a bond to be indorsed by two responsible citizens so as to insure the government against loss in case the order should be cashed twice. The blanks were filled out in a fashion to relieve the government of anxiety, and the postmaster forwarded them to the Washington authorities.

They came back in the course of time with a red pencil mark indicating a spot where it was necessary to affix a fifty-cent revenue stamp.

Fifty cents for what? For the privilege of collecting an amount of money—it was \$10 in this case—which the Post Office Department had undertaken and failed to deliver. It

is hardly to be wondered at that Jones said a few uncomplimentary things about the government and declined to pay the tax. The only alternative open to the victim of this bungling and unfair arrangement is to wait a month or two until the machinery rolls around.



OAK PARK VILLAGE OFFICIALS AND TELEPHONE OFFICIALS AT OAK PARK CUT-OVER.

Village President Einfeldt is shown ready to "pull the cord."

ing is approximately \$126,000.

The building was designed under the supervision of State Engineer W. R. McGovern and by Building Engineer J. S. Ford. T. V. Field engineered the equipment installation and P. F. Zinke supervised the work of equipment installation. The outside plant changes were engineered by Facilities Engineer M. H. Riley. The architect of the building was E. E. Roberts.

The battery cut-off method was employed in the cut-over. Plant Superintendent L. C. Jones and Assistant Plant Su-



OPERATORS' REST ROOM, NEW OAK PARK OFFICE.

perintendent J. Vranek were in charge of the work.

The Oak Park exchange is under Traffic Superintendent F. A. de Peyster. C. P. Corning is district manager. The traffic supervisor's forces are: Miss Le-

Personnel of the Office

By E. G. Drew, Division Auditor of Receipts,
Chicago

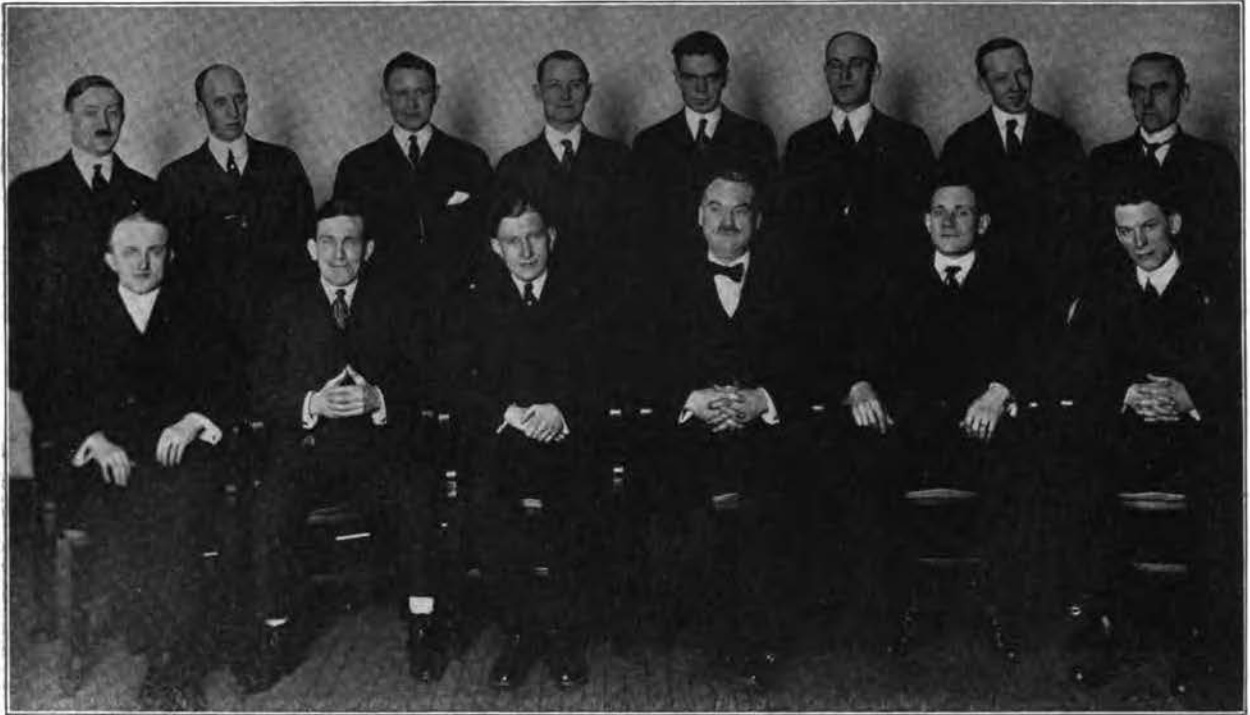
Books on success in life are being printed by the trainload every year. Anti-competition sentiment restrains me from attempting to preach on that subject. "Regulation," typified by the editor's blue pencil, is the thing most needed.

In the Accounting Department the per-

stantly weigh in the scales "expense and cumbersome elaboration" on one side and "dangers of errors and loss" on the other.

The supervisors occupy crucial positions. A capable supervisor looks upon new phases and instructions as subjects of study for himself and his co-workers and he trains himself into a questioning attitude of mind, realizing that the laboratory for testing theories and proving plans is

the joy of new "finds" in the ways of doing the work. New and workable ideas are what nourish and strengthen a new business like ours, and the telephone officials appreciate the value of those who produce them. The successful clerk will also be possessed of stamina. He will not drift into a too subordinate attitude of mind, but when the opportunity offers will express his views respectfully and reason-



STAFF OF DIVISION AUDITOR OF RECEIPTS, CHICAGO TELEPHONE COMPANY.

Upper row, left to right: G. C. Luther, toll section; J. C. Beach, special work; A. A. Morrell, ledger section bulletins; G. W. Hesler, cash, report and final section; L. L. Winter, order section; Frank Snyder, ledger section 1; H. Foote, ledger section 2; G. McNichols, ledger section 4.
Lower row: J. Toman, ledger section 3; F. Cohn, P. B. X. and long bill section; A. D. Grote, chief clerk; E. G. Drew, division auditor of receipts; O. W. Schroeder, supervisor of ledger sections; H. Kruse, head examiner.

sonnel of the office is of paramount importance. A "winning combination" is contingent on the mind and heart qualities in the organization. The methods employed in the office must be adaptable to people of a wide range of experience so that no matter what shifts in the force may take place the work will be properly cared for. Formal routines are generally accepted as the essential of a large office, and with the development of the business, the plans may be shifted easily in the accounting department, but this flexibility has its dangers. Human limitations must be borne in mind in the selection of the methods to be followed. It is not easy to guard against loopholes in routines where errors may creep in. An unnoticed point remotely involved may throw out the best laid plan, though a watchful personnel will generally see the defect in time to avoid error.

One of the big questions where the personal equation looms up prominently is—how far shall we go in safeguarding and controlling operations? We must con-

under his eye. He is the engineer to work out the results. The successful supervisor should be a master of detail and be farsighted. He should be able to apply any large new proposition in imagination to the work of different forces involved, measure its effects in advance and suggest adjustments needed. He knows that a good suggestion well-timed may mean much to the Company and to his own fortunes. He makes a study of his assistants and by encouragement and counsel tries to imbue them with the spirit that wins. It is his part to discourage detrimental influences—to war tactfully on indifference, pessimism, jealousies and the like. In short, if he is to secure a loyal, efficient personnel, he needs to develop in his own nature leadership qualities.

The clerk who would advance also makes his work a study, looking upon it as a challenge to the best that is in him. He makes it a field for achievement, not a treadmill. As an explorer exults in his discovery of an unplotted river, so a clerk in our small but intense field may have

ably. He will cultivate a command of good English, for conciseness and clearness in discussing a subject are valuable and mark a man for consideration.

I am reminded that nowhere does the personnel of the office show its quality more definitely than in the performance of auditing functions and dealing with the many questions arising with other departments in relation to this work.

The strict auditing of contracts and orders prior to their treatment on the books is in accord with the best principles of administration and accounting. In like manner the close check given the plant completion reports of stations insures accurate statistics and reports. Collectors' settlements and notices to delinquents come up for an audit by the ledger clerk at every collection from coin box service. Other similar audit work is performed in connection with pay stations and the control of suburban revenues.

A dissertation on the selection of people for additions to the force would be opportune. The subject is a live one. Hap-

hazard work here will exert a far-reaching influence on the service and the personnel.

The importance of continuity of service is well recognized, and the percentage of changes in our force is growing less each year. Out of a regular force of 292 people, 66 have been in the service over five years; 156 people over two years; 240 people over one year.

Some of the practical means used in our office to bring out the best in our personnel are the following:

(a) Special data on the company's business and its welfare and benefit plans are given to new employes.

(b) Among the five sections devoted to keeping subscribers' accounts, a friendly rivalry exists. Monthly examinations on questions drawn from the various bulletin instructions are used as a means for arriving at ranking mark. These bring to light many adjustments needed to keep the work going smoothly.

(c) An individual error record is maintained and reviewed monthly by the supervisors. This record is designed to be so handled as to stimulate—not discourage—the worker.

(d) Instruction is given to small groups regarding any phase of the work not clearly understood, and certain very important operations are gone over periodically to see that everyone is in line.

(e) Weekly conferences of supervisors are held by the division auditor of receipts.

(f) Suggestion and question boxes are available to all workers.

(g) Good advice is given when opportunity offers. The younger members of the division particularly are made to feel that the supervisor will gladly advise with them regarding any problem outside of the office which may have an influence on their work.

We sometimes hear the office people who impulsively go into investments which become a drain on their incomes and are a source of worry and disappointment. The gospel of conservatism needs to be preached; this is a suggestion to the editor of the News, in the interest of a worry-less personnel.

In conclusion, I would say that a winning personnel is realized when an able, willing group of workers is inspired with the Bell System's ideals of service.

Government Inquiry Dropped

Two years and three months after its initiation the investigation by the Interstate Commerce Commission into the history, financial operations, rates, regulations, and practices of telephone and telegraph companies was dismissed April 16th by the commission. It was explained that to complete the inquiry would cost a large amount of money, and that there appeared to be no advantage to be gained.

The investigation was begun on January 13, 1913, when the government discontinued its anti-trust suit against the American Telephone and Telegraph Company. George W. Wickersham, then attorney general, suggested that the act to regulate commerce conferred upon the Interstate Commerce Commission powers which were ample to investigate the various complaints made to the department of justice. The commission undertook the investigation, but advised the department that it doubted its power to correct evils if any were found.

The preliminary work by the commission proceeded for a year, when Attorney General McReynolds effected a settlement with the American Telephone and Telegraph Company out of court by which the tele-

phone interests agreed to sell their controlling interest in the Western Union. This agreement accomplished much of what was sought to be remedied by the Interstate Commerce Commission and the investigation was thereupon discontinued.

In explaining its decision formally to end the investigation, the commission said: "If there are individual complaints they may be presented and prosecuted informally, with more expedition and satisfaction and with very much less expense."—*New York Times*, April 17, 1915.

Western Electric Poles for Greece

Three boat loads of Western Electric telephone poles are now on their way across the ocean with Greece as their destination. This unusual pole order was received from the Greek Government, which will use the poles in extending present telephone facilities. The shipments were made in forty-five carloads from the Western Electric concentration yard at Toledo, Ohio, and consisted of 15,000 four-inch top, twenty-foot, and 2,000 five-inch top, twenty-five-foot northern cedar poles of first quality.

Considerable trouble was experienced in obtaining suitable shipping facilities because of the timidity of ship owners, caused by the uncertain safety of shipping in European waters. The forty-five cars were thus held up at New York for over a month, the delay resulting in a demurrage expense of about one thousand dollars. Eventually, however, three freighters were chartered and the entire shipment, weighing in all 2,000,000 pounds, started on its way on April 3rd.

The poles were personally inspected by the Greek consul general for the United States, C. Vassardakis, acting under his government's orders.



FLOATS OF CHICAGO TELEPHONE COMPANY IN PROSPERITY PARADE.

April 26th was "Prosperity Day" in Chicago. It was the inauguration day of Mayor William Hale Thompson, which was made the occasion for a Prosperity Parade in which municipal departments, civic and political organizations, business organizations, labor organizations and individuals participated. The demonstration was non-political and non-partisan.

In the parade were more than 6,000 automobiles, 350 floats and about 16,000 people on foot and in the vehicles. The parade was eleven miles long and was three hours passing the reviewing stand.

The Chicago Telephone Company was represented by the above floats, one symbolic of the service and the other a band wagon with twenty-five members of the Company's band. The display was cheered all along the line by the hundreds of thousands of spectators. The floats were decorated under supervision of the publicity department.

Rogers Park Cut-Over

With the opening for service of the new Rogers Park office of the Chicago Telephone Company, another high grade unit is added to the Chicago city system and facilities are provided for growth in one of the best sections of the north side.

The cut-over took place at midnight, Saturday, March 6th, in the presence of officials of the telephone company and a number of invited guests from Rogers Park. Mrs. E. A. King, president of the Rogers Park Woman's Club, pulled the string which drew the heat coils and thus switched the 5,000 stations from the old to the new equipment. Vice-President H. F. Hill, General Manager W. R. Abbott, State Engineer W. R. McGovern, and Traffic Superintendent H. N. Foster were at Mrs. King's side when she made the cut-over. Among the guests were George Frisbee, president of the Birchwood Country Club, and Mrs. Frisbee, Mr. and Mrs. Fred R. Hunt and E. A. King.

The new Rogers Park Office is located at 1618 Pratt avenue. The erection of the new building and installation of the new equipment required about eleven months. Ground for the building was broken May 15, 1914, and work on the equipment installation began October 14, 1914.

The lot on which the building stands, faces ninety feet on Pratt avenue at the northwest corner of the alley west of Ashland avenue, and is 178 feet deep with the building situated on the east lot line. This leaves a large park space to the west which is improved with grass, shrubs and trees.

The building is L-shaped, the front wing being thirty-five feet, eleven inches deep and extending eighty-nine feet along Pratt avenue, and the north wing being thirty-one feet seven and a half inches wide and one hundred thirty-two feet six inches deep.

The new office is in every respect modern and complete. The building, which is of colonial architecture, follows the style of Stewart and other buildings recently erected by the Chicago Telephone Company. It is of the residential type and is constructed of reinforced concrete with outer walls of Colonial brick and white Bedford stone trimming. The entrance is trimmed on the outside with Bedford stone

and the vestibule is finished in French pink Tennessee marble.

Provision has been made for future additions, the foundation being designed for four stories. The north walls are arranged so that the building may ultimately cover the entire lot and house a central office of six units. The basement contains the cable vault, the battery room and boiler room.

The first floor is occupied by the terminal frames and racks and testing equipment. The west half of the front wing

The building weighs about 4,485 tons, has contents of 385,000 cubic feet with a floor area of 16,593 square feet and cost, together with the lot, approximately \$95,000. The value of the equipment in the building is approximately \$125,000.

Holabird & Roche were the architects of the building which was designed and the equipment provided under the supervision of State Engineer W. R. McGovern, by Building Engineer J. S. Ford, Equipment Engineer, T. V. Field and Facilities Engineer, M. H. Riley.

The old Rogers Park Office was opened in April, 1903, at 1752 Lunt avenue in rented quarters. The growth in that section of the city has been steady and rapid, and has necessitated the building of the new structure and the installation of the new equipment, as the old quarters had been completely outgrown.

The battery cut-off method was employed in the cut-over. Equipment Superintendent A. P. Hyatt supervised the inside work in advance of the cut-over, both at the old and new offices.

The Rogers Park exchange is a part of the neighborhood division of the traffic department under Traffic Chief H. E. Arnold. H. C. Bosworth is manager, Miss H. Burton day chief operator, Miss C. Blais evening chief operator and Miss H. Welter, night chief operator. The operating force consists of three supervisors, one clerk, one

matron and forty-nine operators.

The construction and installation departments are handled from North Division headquarters by North Division Foreman F. Bremer and North Division Installer G. F. Holden.

O. J. Emmons, who was wire chief at the old Rogers Park office, is the new wire chief and has a force of three switchboard men, one testman, one foreman, two repairmen, one clerk and three janitors.

The interest manifested by the subscribers was most gratifying to the officials of the Chicago Telephone Company who are firm in the belief that a little better acquaintance with the character and routine of the work on the part of patrons will serve to promote more harmonious relations and thus make for improved service.



NEW ROGERS PARK OFFICE, CHICAGO

is to be used by the commercial department.

The second floor is occupied by the operating room, which extends the full length of the building on the east side, a small rest room for operators and a room for the switchboard repairmen.

The third floor is devoted to the use of the operators. Here are located the large rest, dining and locker rooms. The rooms provided for the operators measure in all 6,331 square feet of floor space. The rest room has a fireplace, easy chairs, couches and rugs.

There is little wood used in the interior construction. Concrete floors, covered where necessary with battleship linoleum are the rule. The hallways and stairs are finished in tutti colori. The interior wood and metal trim is finished in oak and the ceiling and walls are decorated in buff and brown.

Two Bell Engineers

A memorandum to the editor of the *BELL TELEPHONE NEWS* from J. J. Carty, chief engineer of the American Telephone and Telegraph Company, says: "Will Richards and George Thompson are types of the best there is in the Bell System. Their work from the beginning has been faithful, unremitting and effective. Whatever has been assigned to them they have done enthusiastically and well. I know that every man in the System will be pleased to see that men who go about their work so unostentatiously are nevertheless known and appreciated."

George K. Thompson

Mr. Thompson was born in Brunswick, Me., in 1864; moved to Malden, Mass., in 1876 and graduated from the public grammar school in 1880. Mr. Thompson has always possessed a love for things mechanical and electrical and before he had reached the age of twelve years he had learned to fire and run an old "Down East" wood-burning locomotive.

After being employed as a stationary engineer for a year he entered in 1882 the employ of the American Bell Telephone Company, now the American Telephone and Telegraph Company. On May 15th of this year he will have been in the employ of the telephone company thirty-three years. Mr. Thompson has been associated with the testing, experimental and design side of the telephone business during the entire period of his service. For several years prior to the removal of the engineering department from Boston to New York, Mr. Thompson was at the head of the circuit testing and substation apparatus development department.

His inventions have been quite diversified in character, covering improvements on switchboard and telephone circuits, telephone call registering systems, fire alarm devices, telephone repeaters, transmitters, pneumatic delivery and selective ringing systems. Mr. Thompson has made a special study of the telephone transmitter. At the time of the inception of the common-battery system in 1894 he developed what is now known as the high-resistance White solid-back transmitter button. In 1900 he invented a four-party selective system for common-battery use. In 1901 he was granted a patent on an extremely simple and efficient pneumatic ticket distributing system for use in large telephone exchanges. These three latter inventions are still in extensive use throughout the Bell System.

Since 1907 Mr. Thompson has been at the head of the substation equipment division of the engineering department at the company's offices at 15 Dey Street, New York. For the last few months he has been engaged in arranging the electrical, mechanical and moving-picture equipment for the American Telephone and Telegraph Company's exhibit building at the Panama-Pacific Exposition. This building is said to be one of the finest of its kind in the Palace of Liberal Arts and



G. K. THOMPSON.

is being thronged daily by visitors who are given an opportunity to hear music and talking over the new transcontinental telephone line, the opening of which was celebrated January 25th. Months ago, before the opening of this line, Mr. Thompson conceived the idea of sending the sound of the Liberty Bell at Philadelphia across the continent as a feature of historical and sentimental interest, signaling the linking of the West with the East. The sending of the sound of the bell was most effect-



W. L. RICHARDS.

ively accomplished by the Bell Telephone Company of Pennsylvania at the opening of the transcontinental line a short time ago for commercial service between Philadelphia and San Francisco.

W. L. Richards

Mr. Richards was born in East Somerville, Mass., and attended the Malden public schools and Comers Commercial College at Boston, Mass.

He entered the telephone business, in the employ of Charles Williams, Jr., 109 Court Street, in September, 1878. At that time Thomas A. Watson, the first telephone engineer, was the directing spirit.

Mr. Richards assisted Francis Blake, the inventor of the Blake transmitter, in the installation of some of the first types of Blake transmitters that were placed in service on actual lines. At the time Mr. Berliner, the inventor of the Berliner transmitter, was in the employ of the American Bell Telephone Company, Mr. Richards was assigned as his assistant. Later Mr. Richards was appointed chief inspector, serving under E. T. Gilliland and H. V. Hayes.

Subsequently Mr. Richards was transferred to the engineering department of the American Telephone and Telegraph Company, and assigned to development work on transmitters, receivers and other problems involving the improvement of the telephone service.

Mr. Richards has made numerous inventions, some of which are still in service in the Bell System. His more important inventions were the operator's head telephone, early types of common-battery circuits for local and toll work, fuses for protecting telephone circuits against high potentials, and telephone protective devices now known as the No. 58, No. 59 and No. 60 arresters. Other of his inventions included a compound head telephone, two-way telephone repeater circuits, magnetic circuit for loading coils and special forms of bipolar receivers.

Mr. Richards has been assigned for the ensuing year, by the American Telephone and Telegraph Company, as engineer for its exhibit at the Panama-Pacific Exposition in California. Mr. Richards is a member of the Telephone Pioneers' Association, and in September next will have completed thirty-seven years' continuous service in the telephone business. He is one of the very few pioneers who has been most intimately in touch with all of the varied developments of the telephone business since its inception.

Damaged a Guy's Eye

The following personal injury report was received from a district plant chief in the Chicago suburban division:

"An eye was pulled out of a guy at Oswego."

"The Cut-over at Podgers Rack"

Four-act melodrama by M. D. Atwater, assisted by E. H. Goodrich and T. J. Hardy. Presented by the Players' Club of the Chicago Telephone Company at the Hotel Sherman, April 15th.

The Mellow Dramatists:

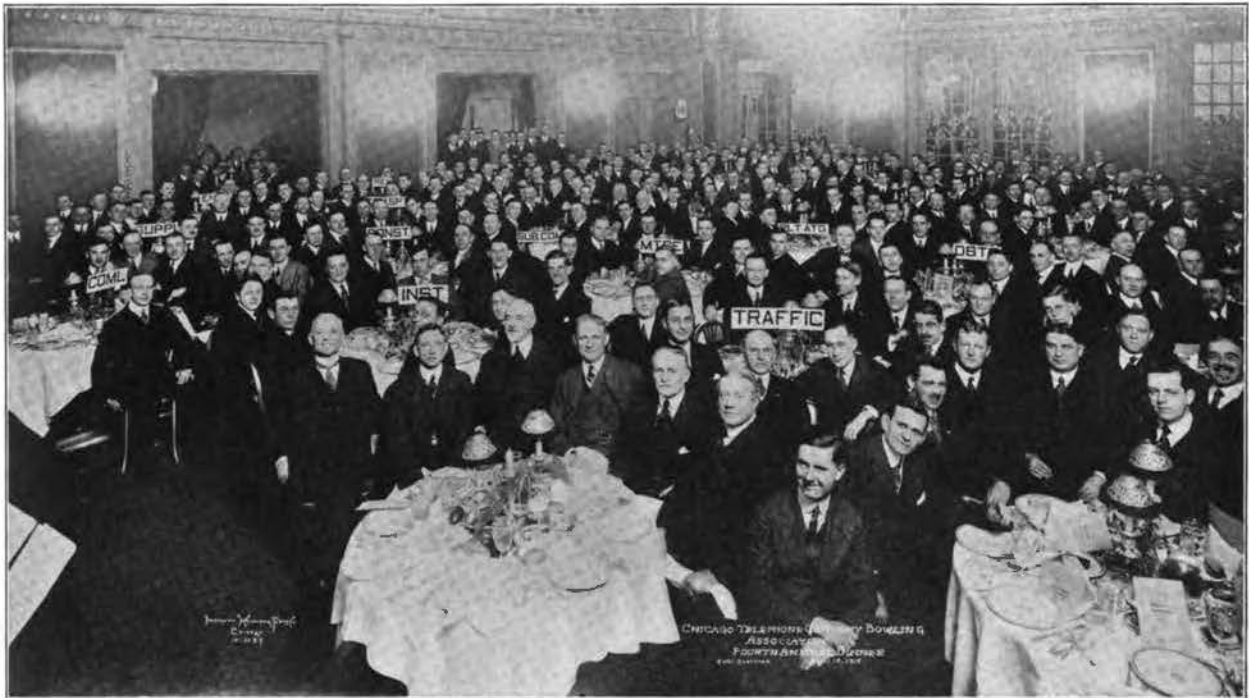
- Bill Dauntless, Switchboard Repairman..... J. H. Riddel
- Con Desmond, Wire Chief..... A. C. Seaholm
- Sam Smudge, a Bum..... G. H. Leveritt
- Fa Grubber..... R. M. Bennett
- Mr. Jackson, Janitor..... J. I. Cleary
- Missus Jackson, Janitress..... F. K. Kasparek
- Mr. Sunny, Telephone Official..... H. C. Enault
- Carter Harrison, Mayor..... Guy Fulmer
- Doc Evans, Head Surgeon..... C. B. Robinson
- Fire Chief O'Connor..... R. H. Bennett
- Belle Grubber, Student Operator..... H. Birmingham
- Ma Grubber..... T. J. Hardy
- Little Dewdrop..... C. E. Robinson
- Enameline Gossard, Chief Operator..... J. R. Drybrough
- International Bowlers..... J. R. Drybrough
- ..Messrs. Boissy, O'Connor, Brown and Spratt

Chicago Telephone Company Orchestra, the curtain rose on the first act of the melodrama.

It disclosed the neat though humble home of the sterling parents of Belle Grubber. Belle is a student operator at Podgers Rack. She is beloved by Bill Dauntless, the stalwart switchboardman of the exchange. Belle, blonde, svelte and dainty, and with a riotous wealth of golden locks crowning a sweet and candid brow (honestly, I could talk about her all day), looks with shy favor on the young Adonis of the switchboard room and the romance is progressing beautifully when things be-

opportunity, not only to humiliate his rival but make a little money on the side.

By this time the plot has thoroughly congealed. All is ready for the cut-over at Podgers Rack. The busy cable men have finished their work and a right workmanlike job they have done. The breast of Dauntless swells with honest pride. He can leave his finished task with confidence and hike to Peoria, there to acquire lustre, mayhap lucre, in the International Bowling Tournament. But the fates and Desmond forbid. The black souled villain hires Sam Smudge, a drunken, low-browed assistant villain, to put the whole system into con-



ANNUAL BANQUET, BELL TELEPHONE BOWLING LEAGUE OF CHICAGO.

Cable Men.....Messrs. Morris, Judy and Herder
Operators.....Messrs. Munson, Freeman, Johnson, Brophy, Sloyer and Flannigan

By Mamie Wesley.

Never was the debut of a dramatic club accomplished with more eclat than that of the Players Club of the Chicago Telephone Company. And now, having successfully rid ourselves of the French derivatives imperatively demanded in the description of such an event, we can proceed to tell about it in comfort, to wit:

The show was a part of the annual celebration of the close of the bowling season and was preceded by a dinner which was enjoyed by 500 members of the Bell Telephone Bowling League of Chicago, and their friends among the officials of the company. Prizes were presented to the winning teams and individuals. (An account of the close of the bowling season has been supplied to the sporting editor.) Then, preceded by a burst of music by the

gin to happen. Enter now, Con Desmond. Con, be it known, is a villain. He has rested his basilisk eyes upon the fresh young beauty of Belle Grubber and marked her for his own. Desmond is hallowed with that divinity which doth hedge a king. He is the wire chief.

To say that at this point the plot thickens would but confess the scantiness of our vocabulary. As a matter of fact, it positively curdles. Dauntless is the "anchor" of the telephone bowling team. The team is entered in the International Tournament at Peoria. Belle, bless her little heart, is just crazy to have Bill win the tournament, or as she expresses it in characteristic phrase, "bring home the bacon"—although what connection there is between the noble sport of bowling and this homely product of Packingtown, we have never fully understood. But let that pass. The point is, that herein Con Desmond, cunning of brain as black of heart, sees his

fusion, which Smudge accomplishes by the expedient of stealing all the extra fuses. Nothing daunts Dauntless, but 'twould take too long to tell how he gets away with this trouble; likewise to describe the hellish ingenuity of Desmond in throwing the bowling championship to the O'Learys at the expense of his own team and for a bribe of \$1,000. Belle discovers this plot, but thereby loses her job, for, alas, her key was open and the heartless chief operator, Enameline Gossard, paramour of Desmond and jealous of the lovely student, will listen to no explanations.

But the poor Belle forgets all this in a sudden danger to her father, who has been struck by a speeding automobile and taken to a hospital. The hospital takes fire while half the town is cut off from telephone service because of tampering with the cables, engineered by Con Desmond, and in which Dauntless has been an innocent participant. But Dauntless rises to the emergency, the

new cable is pulled in in phenomenal time, the cut-over completed and the fire alarm duly given. Of course, Pa Grubber is saved and is grateful to Dauntless.

The last act pictures the celebration of Dauntless's heroism and the final discomfiture of Desmond, whose machinations are all revealed. It ends as all true melodrama should, with the blushing heroine confessing her love for the gallant hero.

The cast of this extraordinary production contained the names of many of the well-known players who have made previous Chicago Telephone amateur theatricals notable, as well as a number of new ones. J. H. Riddell as Bill Dauntless, the doughty hero, looked the part and needed very little make-up, and as for his acting—it was too bad that his vis-a-vis in the heroine's role was merely a "phony" woman (this is no pun). His love-making was almost too realistic thus to be wasted. A. C. Seaholm as Con Desmond was just too fearsome for description. The wholesome hisses which he received were the most delicate possible tribute to his cleverness. The one note of tragedy in the little play was struck by G. H. Levéritt, as Smudge, the "bum." This part was taken with a fidelity to nature which must have cost the player himself a pang. R. M. Bennett was appropriately vociferous and positive in the part of Pa Grubber, who was willing to talk business with any man who wanted to marry his daughter and had \$1,000. T. J. Hardy as the meretricious wife and doting mother combined this heavy part with the stage management of the whole production. Mr. Hardy has had considerable professional experience and is the director of the club's dramatic efforts. He may justly be proud of the first public performance.

J. J. Cleary introduced his well-known and popular black-face impersonation into the part of the janitor, a part in which he was ably assisted by F. R. Kasparek as the janitor's wife. H. C. Enault as Mr. Sunny, Guy Fulmer as Mayor Harrison, C. B. Robinson as "Doc" Evans, head surgeon at the hospital, and R. H. Bennett as Fire Chief O'Connor counterfeited these distinguished people in a way to which no exception could have been taken by the originals themselves. H. Burmingham was the heroine, and Julian Eltinge might indeed have been proud of such a capable impersonation of the blushing ingénue. C. E. Robinson as Little Dewdrop, the soubrette of the organization, petite and vivacious, charmed in the role of an operator. J. R. Drybrough as the chief operator proved himself a regular artist. The International Bowlers, Boissy, O'Connor, Brown and Spratt, livened up the action with some clever songs and dances. The cablemen, Morris, Judy and Herder, entertained with some snappy by-play during their brief appearance. Operators Munson, Freeman, Johnson, Brophy, Sloyer and Flannigan, plugging away at their



W. E. CONRAD.

board, gave a touch of realism to the cut-over scene.

Last, but by no means least important, must be mentioned the man who was the force behind the whole party. W. E. Conrad, chairman of the banquet committee, worked early and late and the success of the affair was very largely due to his efforts. Hats off to Conrad. Let Mr. Conrad, however, keep his on lest he take cold. (See picture.)

The Chicago Telephone Company Orchestra, under direction of Edwin B. Moebius, played both during the dinner and for the show and maintained its high reputation. During the performance, Edward Grady sang some of his inimitable songs. The fun never lagged from the time the shell-fish course was served until the lights went out in the hall about 11:30.

Results of Stock Offer

General Auditor B. S. Garvey, of the Central Group of Bell Telephone Companies, has completed the audit of transactions in the Central Group following the offer of the American Telephone and Telegraph Company to sell stock on payments to employes of the Bell System. The audit shows that 4,618 employes of the Central Group companies applied for a total of 13,761 shares, or an average of 2.9 shares per employé. The figures by companies follow:

| | Subscribers. | Shares. |
|-----------------------------------|--------------|---------|
| Chicago Telephone Co. | 3,402 | 10,298 |
| Wisconsin Telephone Co. | 506 | 1,381 |
| Cleveland Telephone Co. | 252 | 526 |
| Michigan State Telephone Co. | 360 | 984 |
| Joint—Four Company | 98 | 512 |
| | 4,618 | 13,761 |

The annual report of the American Telephone and Telegraph Company, issued to stockholders in March, stated that in the whole country more than 30,000 employes had applied for shares under this plan.

Below is given the result of the operation of the plan for the first quarter year as applied to one share of stock. This statement is also supplied by the Central Group auditing department.

STATUS TO MAY 31, 1915, OF AN ACCOUNT OF ONE SHARE OF STOCK SUBSCRIBED FOR UNDER THE PLAN TO AID EMPLOYES OF BELL SYSTEM TO BECOME STOCK-HOLDERS OF AMERICAN TELEPHONE AND TELEGRAPH COMPANY.

| 1915. | Payments by Em- ploye. | Dividends on Stock. | Interest on Aver- age Unpaid Bal- ance. | Balance Unpaid (end of period). |
|------------------------------|---------------------------|------------------------|---|---------------------------------------|
| Purchase price of stock..... | | | | \$110.00 |
| March | \$2.00 | | | -108.00 |
| April | 2.00 | \$2.00 | | 104.00 |
| May | 2.00 | | | 102.00 |
| Quarter | | | \$1.06 | 103.06 |

Telephone Losses in Australia

The third annual report of the Postmaster-General of Australia for 1912, with financial particulars and general information regarding the more important current matters to June 30, 1913, contains some interesting statistics regarding telephone development.

In contributing to the general report, the secretary of the Postmaster-General's department says:

"The telephone service affects a limited number of the population, and, more than any other branch of the department's business, may be said to partake of the nature of a commercial enterprise, so that its revenue should be sufficient to cover working expenses, including provision for depreciation, while returning a fair percentage on the capital invested. The working of this branch for the year, disclosing as it does a deficiency of £221,756 (\$1,077,734), equal to about 25 per cent. of the revenue, indicates that the rates, which are much lower than in other parts of the world where anything like similar conditions prevail, are insufficient to make service self-supporting."

The secretary then submits an analysis of results in the various states showing a loss in every state except in South Australia. The figures given are, in United States currency, approximately as follows:

| | Loss. | Profit. |
|---|-------------|---------|
| New South Wales | \$605,309 | |
| Victoria | 270,432 | |
| Queensland | 92,270 | |
| South Australia (including northern territory) | | \$9,504 |
| Western Australia | 65,072 | |
| Tasmania | 53,259 | |
| Total | \$1,087,242 | \$9,504 |
| Total net loss | \$1,077,738 | |

—From *Concerning Municipal Ownership*.

A Tribal Migration

The Bell Telephone population have moved west to Ashland.—Neighborhood items in New Berlin, Ill., *Tribune*.

Department of Sports and Receptions

Doings of Telephone People in the Field of Athletics and Pastimes.

Outlaw Bowling Banquet

With a banquet typical of its name, and with an informal entertainment that represented fraternalism and good fellowship, the Outlaw Bowling League of the Suburban Division closed its season on Tuesday, April 27th. Several suburban employes who were not actively in the bowling contest participated in the evening's fun. About 100 persons were present.

Informality was the rule of the evening. The banquet itself was served in Adventurer club style, lacking in the usual banquet formalities. A burlesque bowling alley and stereopticon caricatures were features of the entertainment. There were also numerous musical parodies, reflecting upon the achievements of Outlaw bowlers.

Among those who took active part in the evening's entertainment were the following: Messrs. Jones and de Peyster, lieutenants; E. Krafft, Outlaw chief; H. W. Bang, Kink of the Outlaws; A. J. Covert and A. J. Olson, pin boys; E. A. Judd, alley boy; J. Vranek and A. S. Sailor, captains of bowling.

Kink, the manikin, operated by Mr. Bang, was one of the novel features of the evening.

Bowling Season Finals

On April 6th, de Peyster of the Highbrows rolled a high individual score for

one game, securing a count of 239. On the same evening the Highbrows won, high team score for one game with 858 pins, and high average for three games with 809 points.

On April 13th the Raiders scored high single game, with 868 pins, and on April 20th the Repeaters raised the single game mark to 877 and gained high average for three games with 853.

At the close of the bowling season, teams were in position as follows:

| Name. | Won. | Lost. | Pct. |
|-------------|------|-------|------|
| Highbrows | 29 | 13 | .690 |
| Repeaters | 25 | 17 | .595 |
| Highbinders | 23 | 19 | .547 |
| Raiders | 22 | 20 | .524 |
| Pirates | 22 | 20 | .524 |
| Wreckers | 17 | 25 | .408 |
| Bandits | 15 | 27 | .357 |
| Goats | 15 | 27 | .357 |

Standings of the individual players were as follows:

| Name. | Team. | Average. |
|---------------|-------------|----------|
| Jones | Repeaters | 173-24 |
| Krafft | Raiders | 172-38 |
| dePeyster | Highbrows | 167-21 |
| Hanson, J. M. | Repeaters | 162-39 |
| Olson | Wreckers | 160-25 |
| Pratt | Highbinders | 154-22 |
| Rhoades | Goats | 154-18 |
| Borgeols | Repeaters | 154-18 |
| Mounteer | Raiders | 153-24 |
| Wylie | Goats | 150-34 |
| Scott | Pirates | 150-19 |
| Simpson | Pirates | 147-15 |
| Chandler | Highbrows | 146-25 |
| Nader | Bandits | 146-23 |
| Mitchell | Wreckers | 146-19 |
| Judd | Highbinders | 146-14 |
| Covert | Raiders | 146-5 |
| Arndt, J. | Highbinders | 145-20 |

| | | |
|---------------|-------------|--------|
| MacLindon | Bandits | 144-21 |
| Hanson, J. P. | Wreckers | 144-13 |
| White | Goats | 144-13 |
| Kent | Highbinders | 144-1 |
| Luepke | Pirates | 143-8 |
| Bang | Highbrows | 142-26 |
| Vermilyea | Highbrows | 138-28 |
| Liste | Bandits | 137-33 |
| Sailor | Pirates | 130-27 |
| Newcomb | Repeaters | 135-2 |
| Carroll | Highbinders | 134-9 |
| Penn. | Wreckers | 133-1 |
| Anderson | Bandits | 132-27 |
| Simmons | Repeaters | 130-18 |
| Conrath | Bandits | 130-3 |
| McDonald | Repeaters | 130- |
| Arndt, A. | Raiders | 129-10 |
| Hamm | Highbrows | 128-37 |
| Krueger | Pirates | 126-6 |
| Raschmann | Raiders | 124-19 |
| Vranek | Raiders | 122-23 |
| Lamm | Highbinders | 122-9 |
| Gates | Goats | 118- |
| Corning | Goats | 114-36 |
| Ardiff | Wreckers | 114-35 |

High individual score, 1 game—dePeyster, Highbrows.....239
 High average, 3 game—Jones, Repeaters.....207
 High team score, 1 game—Repeaters.....877
 High team average, 3 games—Repeaters.....853

SUBSTITUTE BOWLERS.

| Name. | Team. | Average. |
|------------|-------------|----------|
| Girsch | Raiders | 179-2 |
| Cookingham | Highbinders | 163-2 |
| Kingsbury | Wreckers | 158-5 |
| Larson | Bandits | 154-2 |
| Lewis | Goats | 147-2 |
| Krinbill | Highbinders | 137- |
| Vial | Highbrows | 133-1 |
| Kennelly | Highbrows | 131-4 |
| Taylor | Raiders | 120-10 |
| Beecher | Goats | 112-2 |

At an informal conference of bowling players, plans for next season were discussed in detail. It is proposed to start the season early and to arrange four-man teams.



BANQUET OF OUTLAW BOWLING LEAGUE AT PRESS CLUB OF CHICAGO, APRIL 27TH.

Bell Telephone Bowling League of Chicago

TEAM STANDING FOR THE SEASON 1914-1915.

| Team. | Won. | Lost. | Pct. | Ave. |
|--------------------|------|-------|------|--------|
| Commercial | 67 | 11 | .859 | 887-11 |
| Installation | 61 | 17 | .782 | 866-5 |
| Construction | 58 | 20 | .744 | 859-9 |
| Supply | 48 | 30 | .615 | 831-2 |
| Maintenance | 49 | 38 | .563 | 819-38 |
| Engineers | 39 | 39 | .500 | 814-47 |
| Traffic | 37 | 41 | .474 | 814-76 |
| Construction Supt. | 36 | 42 | .462 | 808-65 |
| Revenue | 33 | 45 | .423 | 810-66 |
| Suburban Coml. | 28 | 50 | .359 | 785-54 |
| Disbursements | 27 | 51 | .346 | 769-19 |
| A. T. & T. | 26 | 52 | .333 | 777-36 |
| Plant Accounting | 23 | 55 | .295 | 785-46 |
| Collectors | 23 | 55 | .295 | 758-43 |

INDIVIDUAL AVERAGES OF PLAYERS WHO ROLLED TEN OR MORE GAMES.

| Name. | Team. | Games. | Ave. |
|--------------------|------------|--------|--------|
| 1 Welch | Inst. | 71 | 187-44 |
| 3 Lindgren | Const. | 78 | 183-58 |
| 4 Johnson | Eng. | 78 | 183-24 |
| 5 Carey | Coml. | 72 | 183-3 |
| 6 O'Brien, J. P. | Coml. | 63 | 182-18 |
| 7 Halberg | Const. | 78 | 182-11 |
| 8 Love | Coml. | 78 | 182-5 |
| 9 Stallwood | Coml. | 48 | 181-40 |
| 10 Hopkins | Inst. | 72 | 181-17 |
| 11 Hansen, C. S. | Inst. | 66 | 177-64 |
| 12 Smith, A. S. R. | Traf. | 60 | 177-49 |
| 13 Waltnam | Mtce. | 72 | 176-68 |
| 14 Kingsbury | S. C. | 63 | 176-32 |
| 15 Newsome | Supply | 63 | 175-14 |
| 16 Smith, E. | Supply | 78 | 174-60 |
| 17 Koch | Supply | 12 | 174-7 |
| 19 Tracy | Coml. | 78 | 173-14 |
| 20 Truax | C. S. | 69 | 171-40 |
| 21 Langlund | Const. | 75 | 171-1 |
| 22 Stephan | Inst. | 59 | 170-16 |
| 23 Rigemans | P. A. | 72 | 170-9 |
| 24 Hanson, C. H. | Supply | 12 | 169-11 |
| 25 McLaughlin | Traf. | 66 | 169-8 |
| 26 DeGeeter | Supply | 63 | 168-47 |
| 27 Lillis | A. T. & T. | 75 | 168-54 |
| 28 Bauer | C. S. | 24 | 168-8 |
| 29 Lovell | Const. | 63 | 168-15 |
| 30 Wendorf | Rev. | 62 | 167-35 |
| 31 Mueller | Const. | 30 | 167-4 |
| 33 Kuhlman | Mtce. | 14 | 166-13 |
| 34 Byloff | Mtce. | 29 | 166-21 |
| 35 Mommsen | Mtce. | 21 | 166-13 |
| 36 Bontemps | Mtce. | 39 | 166-20 |
| 37 Heimback | Mtce. | 50 | 165-46 |
| 38 Kingman | Traffic | 36 | 165-24 |
| 39 Starkey | Dbts. | 78 | 165-59 |
| 40 Conway | Traffic | 69 | 165-43 |
| 41 Rehder | P. A. | 72 | 165-10 |
| 42 Larson | S. C. | 36 | 165-4 |
| 43 McColl | Rev. | 66 | 164-61 |
| 44 Tappendorf | Const. | 18 | 164-16 |
| 45 Anschutz | Engr. | 69 | 164-52 |
| 46 Abraham | Rev. | 72 | 164-54 |
| 47 Kraft | C. S. | 58 | 164-7 |
| 48 Schroeder | Rev. | 21 | 164-4 |
| 49 Schwimmer | Mtce. | 38 | 163-37 |
| 50 Novak, C. | Supply | 30 | 163-28 |
| 51 Fremli | C. S. | 73 | 163-62 |
| 52 Anderson | Coll. | 72 | 163-57 |
| 53 Herr | Const. | 48 | 163-21 |
| 54 Simons | Mtce. | 66 | 162-34 |
| 55 Eiter, J. | Supply | 57 | 162-25 |
| 56 Harris | Engr. | 77 | 161-74 |
| 57 Layton | Traffic | 24 | 161-17 |
| 58 Oldack | C. S. | 66 | 161-41 |
| 59 Foote | Rev. | 66 | 161-38 |
| 60 Benzing | A. T. & T. | 66 | 160-53 |
| 61 Bradish | C. S. | 57 | 159-59 |
| 62 Rumney | Coml. | 42 | 159-36 |
| 63 Heermans | Dbts. | 78 | 159-50 |
| 67 Young | Inst. | 20 | 159-6 |
| 68 Seaholm | Traf. | 45 | 158-2 |
| 69 Collins | Coll. | 57 | 158-51 |
| 70 Emrich | Engr. | 18 | 158-12 |
| 71 Stanley | Dbts. | 12 | 158-5 |
| 72 Crooks | P. A. | 75 | 158-36 |
| 73 Huebner | P. A. | 60 | 158-22 |
| 74 Sweeney | Engr. | 75 | 158-23 |
| 75 Conley | P. A. | 60 | 157-19 |
| 76 Cleveland | Rev. | 72 | 157-14 |
| 77 Righter | A. T. & T. | 24 | 156-23 |
| 79 Lindstedt | Coll. | 39 | 156-2 |
| 80 Flynn, M. P. | Coml. | 12 | 156- |
| 82 dePeyster | Traf. | 24 | 155-19 |
| 83 Gorin | A. T. & T. | 78 | 155-44 |
| 84 Dupke | Rev. | 43 | 155-15 |
| 85 Blodgett | C. S. | 63 | 155-2 |
| 86 Fisher | Mtce. | 13 | 155- |
| 87 Riddel, J. H. | Inst. | 48 | 154-43 |
| 88 Arndt | C. S. | 53 | 153-43 |
| 89 Cunningham | Coll. | 21 | 153-17 |
| 90 Russell | C. S. | 14 | 153-11 |
| 91 McMonies | Coll. | 45 | 153-20 |
| 92 LeVee | A. T. & T. | 69 | 153-15 |
| 93 Olson | C. S. | 36 | 153-4 |
| 94 Heath | Coll. | 27 | 151-16 |
| 97 Morris | Coll. | 63 | 151-2 |
| 98 Richardson | A. T. & T. | 15 | 151- |
| 100 Ross | Inst. | 24 | 149-19 |
| 102 Bruck | Supply | 45 | 148-32 |
| 103 Eiter, M. | Supply | 51 | 147-16 |

| | | | |
|---|------------|----|--------|
| 104 Harriman | P. A. | 36 | 147-3 |
| 105 Miles | Dbts. | 33 | 146-11 |
| 108 McCormack | Dbts. | 42 | 146-13 |
| 110 Carner | A. T. & T. | 12 | 144-3 |
| 111 Hubrich | P. A. | 15 | 144-3 |
| 113 Zioliński | Traf. | 24 | 143-11 |
| 114 Ziska | P. A. | 24 | 143-10 |
| 115 O'Brien, J. M. | P. A. | 42 | 143-17 |
| 119 Kenny | Engr. | 24 | 142-20 |
| 120 Flynn, W. J. | Coll. | 39 | 142-30 |
| 122 MacLindon | S. C. | 60 | 142-38 |
| 123 Scott | S. C. | 12 | 142-6 |
| 124 Cooper | Traf. | 18 | 142-7 |
| 125 Richardson | Dbts. | 21 | 142-4 |
| 126 Moersh | Inst. | 12 | 141-10 |
| 127 Roth | Mtce. | 12 | 141-10 |
| 128 Reuss | P. A. | 12 | 141-8 |
| 131 Dohm | Traf. | 12 | 139-9 |
| 133 Hovey | Dbts. | 18 | 138-9 |
| 138 Higginson | A. T. & T. | 10 | 137-4 |
| 141 Engstrom | A. T. & T. | 13 | 136-9 |
| 150 Peterson | A. T. & T. | 12 | 129-7 |
| 153 Dunne | Coll. | 15 | 125-14 |
| High individual score, 1 game, Hansen, C. | | | |
| S., Installation | | | 267 |
| High individual average, 3 games, Welsh, Installation | | | 224 |
| High team score, 1 game, Commercial | | | 1073 |
| High team average, 3 games, Commercial | | | 983-1 |

While President J. H. Riddel of the Bell Telephone Bowling League of Chicago was busy adjusting the costume demanded by his part in "The Cut-over at Podgers' Rack" (q. v. this issue), Vice President A. S. R. Smith stepped before the curtain at the Sherman House and awarded the prizes to the successful teams and individuals. Instead of individual prizes starting at the top of the list of high men in the league as a whole, prizes were given to the three highest men on each team. The list follows:

| Team— | First. | Second. | Third. |
|---------------|-----------|------------|-----------|
| A. T. & T. | Lillis | Benzing | Gorin |
| Collectors | Anderson | Collins | Linstedt |
| Commercial | Carey | O'Brien | Love |
| Construction | Lindgren | Halberg | Langlund |
| Const. Supt. | Truax | Fremli | Oldack |
| Disbursements | Starkey | Heermans | Crooks |
| Engineers | Johnson | Anschultz | Harris |
| Installation | Welch | Hopkins | Hansen |
| Maintenance | Waltman | Heimbach | Schwimmer |
| Plant Acct. | Rigemans | Aehder | Huebner |
| Revenue | Wendorf | McColl | Abraham |
| Supply | Newsome | Smith | De Geeter |
| Sub. Com'l. | Kingsbury | Larson | Kraft |
| Traffic | Smith | McLaughlin | Kingman |

The team prize, a bronze wall trophy, was presented to the Commercial team and accepted by Captain M. P. Flynn in a speech breathing good-natured defiance to any team which may aspire to wrest first honors from the Commercials next year.

Cleveland Tennis League

With four tennis courts available, provided by the Cleveland Telephone Company, the girls in the traffic department are looking forward to an active season with the ball and racquet. An effort will be made to form a tennis league and arrangements will follow to play a series of games during the summer. The courts are located at Eddy, Garfield, Rosedale and Edgewater. However, the girls at the other offices and also in the other departments are cordially invited to take part and anyone having prowess with the racquet should advise the chief operator of one of the above offices so her name may be on record in the eligible list.

Wentworth, 8; Stewart, 5

In a practice game at Hamilton Park, Chicago, April 17th, Wentworth defeated Stewart in baseball to the tune of 8 to 5.

"The Golfers"

By Frank Cohn, Accounting Department, Chicago

The game of golf will appeal to almost anyone who is confined to the office continually and the results we get from this fascinating game reflect on our work to the extent of increasing our energies and giving us more efficiency in solving our share of the problems that arise in making the Bell System a greater organization.

Membership in a golf club is considerable of a luxury and most of us are content to use the public courses.

Some of our head clerks have been known to arise at 3 a. m. on Sunday to go out to the links to draw tickets, enabling them to play by ten o'clock. If one is fortunate enough to live close to the links he returns to his home to complete his sleep and partake of his breakfast. The writer on one occasion, after securing ticket at 3 a. m., failed to return to the links in time to secure his turn at the tee—a good test of temper.

On several occasions last summer the golf fiends of the division auditor's office went out early Sunday morning and engaged in friendly contests. The friendships which these meetings encouraged have been carried into the office as well, thus enabling us to work more harmoniously.

Get up at sunrise during the warm weather and repair to the links for an hour's pleasure before reporting for your daily toil, and you will be surprised at the ease with which you make good in performing the duties of your position. During the months of July and August last summer, the writer got up early on an average of twice a week before going to the office, and testifies that his work became more of a pleasure than it ever had appeared to him before.

The best results of the game of golf are not the physical benefits that we receive, but the mental recreation and the association with people who are perhaps the truest sportsmen in any branch of sport. It would be well to cultivate the consideration, unselfishness and good humor we witness on the links and apply them to our office conduct. Our fellow workers will thus be more congenial and our work will be a pleasure instead of a tedious grind, as some try to make it.

Chicago Team Wins

Another beautiful cup was added to the large collection of athletic trophies won by the Chicago Telephone Company when, at the close of the season, the championship of the Utilities Bowling Association was awarded to the telephone team. The final standing of teams follows:

| | Points. |
|-------------------------|---------|
| Chicago Telephone Co. | 69 1/2 |
| Commonwealth Edison Co. | 48 1/2 |
| Peoples Gas Company | 45 1/2 |
| Western Electric Co. | 16 1/2 |

Men's Tennis Tournament

A tournament will begin May 26th at the various courts of the Chicago Telephone Company in Chicago, entries for which close at 5 p. m., May 20th. All men employés are cordially invited to take part in this tournament, irrespective of their ability or location, the object of the tournament being to divide the players into four classes, A, B, C and D, according to their ability. At the close of the main tournament, and of the consolation tournament which will follow immediately, progression from one class to another will be made by means of challenge matches. All those who do not enter this tournament will be placed in Class D.

After the close of the tournament, the Class A, B and C players will be posted, and it will then be possible for any Class D player to progress into Class C by challenging a Class C player and defeating him. In the same way a Class C player may challenge and change places with a Class B player. Only Class A players will be permitted thus to challenge and displace members of the Commercial League Team.

Details of the tournament and consolation tournament and entry blanks may be procured from any of the department heads or wire chiefs, or from C. L. Norton, chairman of the tournament committee.

Ladies' Tennis Tournament

During the summer season it is also planned to arrange a series of tennis tournaments for the ladies of the Chicago Telephone Company. These tournaments are for all who enjoy the game of tennis and it is not necessary that those who enter be proficient in the art of handling a tennis racquet. Beginners are as welcome as those who have played for years.

All wishing to enter their names for the first tournament, to be started the first of May, or to obtain particulars regarding the same, will please communicate with Miss A. Long, plant department, Room 301, Main Office Building, Telephone Official 300, Local 620.

It is planned to divide the city offices into four divisions — (North, West, Central and South) and the first rounds of the tournament will be confined to members within the same division until a winner is found to represent each office or department. From them a winner will be select-



A. W. BLODGETT,
President Bell Telephone Chess and Checker Club.
ed to represent the division as a whole. Finally the four division champions will meet to decide on the Company champion lady tennis player for 1915.

Bell Telephone Chess and Checker Club

The Bell Telephone Chess and Checker Club of Chicago finished its first year with a dinner attended by thirty-three members, held at King's restaurant on the night of April 20th. Officers for the coming year were elected as follows:

President, A. W. Blodgett; vice president, C. S. Smith; secretary, Harry Alexander.

President Blodgett appointed E. L. Marmaduke chairman of the chess committee and F. H. Baker chairman of the checkers committee. J. M. O'Grady was named as custodian and Harry Thomas chairman of the publicity committee.

The dinner was a very enjoyable affair and was made especially so by the presence of six members of the Chicago Telephone Company Orchestra, under Director E. W. Moebius. The orchestra played during the dinner.

Prizes were announced for the winners of the chess and checker tournaments just closed. Players had been divided into three classes and there were prizes in each class. Chess prize winners were:

Class A—C. S. Smith, first; E. E. Hale, second; R. Schulze, third. Class B—M. P. Brown, first; E. J. Purcell, second. Class C—C. D. Hoover, first; D. W. Malloy, second.

Winners in checkers were: Class A—F. A. Richardson, first; F. H. Baker, second; T. W. Trainer, third. Class B—Harry Alexander, first; A. W. Blodgett, second. Class C—Dan Malloy, first; J. H. Malloy, second.

Frank Wendemuth, challenge cup holder of Chicago, gave a simultaneous checkers exhibition following the business meeting. He played thirteen players a total of twenty-three games. He scored eighteen wins, two losses and three draws.

The club journeyed to Hawthorne on the night of March 30th and lost in both chess and checkers to the Western Electric. Return matches probably will be played in the fall.

Utilities' Bowling Tournament

In a bowling tournament held April 5th among teams representing the Chicago Telephone Company, Commonwealth Edison Company, Peoples' Gas Light and Coke Company and Western Electric Company, first honors went to the Telephone team. The games were rolled on the Illinois Athletic Club alleys.

Welsh, Lindgren, O'Brien, Johnson and Carey, who stood high in the season's averages in the Bell Telephone Bowling League, made up the telephone team.

The team averages follow: Telephone, 176-14; Gas, 174-11; Western Electric, 172-1; Edison, 165-9. Carey, with 202, was high in the telephone team.

Rolls 286

J. T. Daniels, traffic superintendent for Ohio, is the present holder of the Athletic cup for the highest individual score in his league. On Tuesday, March 23rd, while rolling with his team in competition, he made a score of 286.



COLUMBUS TEAM WHICH WON STATE TELEPHONE BOWLING CHAMPIONSHIP OF OHIO.
Supreme Champion J. T. Daniels in the center.

Chicago Suburban Baseball

Suburban employes who are interested in baseball and would like to try for a position on the Suburban team which will be entered in the Bell Telephone League, should make application either to A. L. Simpson of the general commercial superintendent's office, who will act as manager, or to Thomas Osborne, Evanston, who will act as field captain.

Eight teams will be entered in the Inter-department League this year, of which only one will be from the Suburban Division. The first scheduled game will be on May 15th, and the manager is anxious to assign positions and uniforms, and to make such other arrangements as are necessary.

Earlier in the year it was thought possible to have two or more teams from the Suburban Division, but this was found to be impracticable, and there will be only one team. Evanston and Oak Park players are cooperating with Mr. Simpson in the formation of this team which, it is believed, will make a good showing.

Please send in name and position on team as promptly as possible.

Track and Field Association

The annual meeting of the Bell Telephone Track and Field Association of Chicago was held April 1st to elect new officers of the association and members of the executive committee for the ensuing year.

R. M. Bennett of the maintenance department was elected president, C. R. Boman of South Construction Division, vice president, and C. L. Norton of the maintenance superintendent's office, secretary-treasurer. The members of the executive committee, as elected, are R. M. Bennett, C. R. Boman, C. L. Norton, J. T. Chandler of the commercial department and O. L. Halberg of the supplies division.

The program of the athletic events for the spring and summer months consists of try-out meets for the various department teams in May and June, and in July and August two big meets, at which it is proposed to award prizes to the winners of the various events.

A committee, consisting of R. M. Bennett, C. R. Boman and O. L. Halberg, met with the representatives of the Western Electric Company on April 13th to arrange for the Annual Dual Meet between the two companies. The date set was Saturday, August 28, 1915, the meet to be held on the Western Electric Company's grounds.

The list of track events as so far arranged are the one-mile run, 90-yard low hurdles, 100-yard dash, 440-yard run, 90-yard high hurdles, 220-yard dash, 880-yard run, half-mile relay. The field events will consist of pole vaulting, standing broad jumping, sixteen-pound shot-putting, running high jump, running broad jump and an exhibition tug-of-war pull, by two

teams from the Western Electric Company.

The officials of the association are putting forth every effort to make this the banner year in athletics and to make every one of its 2,000 members an "enthusiastic fan."

It is desired that every Chicago employe who has any athletic ability will turn out and give his heartiest support toward making a strong and successful track team. The list of track managers for the various departments is being made up by the executive committee and will be sent out to the departments in a few days.

LET US ALL GET INTO THE BAND WAGON AND GIVE THE TRACK AND FIELD ASSOCIATION OUR HEARTIEST SUPPORT.

Join the Band and Orchestra

Male employes of all departments of the Chicago Telephone Company who can or who used to play any kind of musical instrument, suitable for band or orchestra, are asked to call Mr. Atwater official 300, Local 39, or Mr. Moebius, who is directing the music. Mr. Moebius is desirous of enlisting as many men as possible. With the talent that must exist among the men that are not now connected with either the band or orchestra, there is no reason why the Chicago Telephone Company cannot rank as high in a musical way as any other organization of its kind. Come and join in this work, attend our rehearsals each Thursday at 7 p. m. (dinner served at 6) and we are sure that the spirit of loyalty to the company and the good fellowship that exists will be a help and a pleasure to you. Instruction will be arranged to your needs.

Detroit Baseball Meeting

At a meeting held in the Telephone Society room March 9th arrangements for continuing the baseball games among Detroit areas were perfected. An organization was formed and the following officers elected: President, Martin Ewald; secretary, Arthur Tyler. Area managers: Central, George Burnham; East, George Damp; North, Gus Fritz; West, Al. Zimmerman.

Officials of baseball teams and all other athletic and social organizations are urged to send items concerning their affairs to the Michigan correspondent for publication in the BELL TELEPHONE NEWS.

Here's a Defi

E. C. Groce of the plant department, Central Union Telephone Company, Columbus, Ohio, challenges any employe of the Bell System in the five states, Wisconsin, Ohio, Indiana, Illinois and Michigan, to a checker contest, to be played by wire. Arrangements may be made by addressing C. H. Temple, district plant chief, Columbus, Ohio.

SCIENTIFIC NOTES

Potatoes and Salt

By B. V. Hill, Chicago.

This is the title of an interesting note in the November issue of *Chemical and Metallurgical Engineering*. What is really proposed to do is to make rubber by the aid of these two articles of the poor man's dinner. Certain substances like sugar, alcohol, wood and animal tissue, etc., were originally called organic substances because they were found only as products of life. They contain very few elements, mostly carbon and hydrogen. One after another the hydro-carbons have been made in the laboratory so that many prefer to speak of the Chemistry of Carbon rather than of Organic Chemistry.

Since rubber has been used so extensively for electrical insulation and for automobile tires, the price has risen greatly and many attempts have been made to produce substitutes for it. Two years ago there were on the market numerous tire fillers made by treating oils with sulphur after mixing in a quantity of chalk or magnesia to give body. These fillers were generally failures.

Many artificial insulating compounds containing little or no rubber are being used with good success and so-called rubber has a large mixture of substitute in it.

Chemists are seeking to make rubber out of hydrogen and carbon. Rubber contains ten parts of carbon and sixteen of hydrogen. The chemical symbol is $C_{10}H_{16}$. Now there is a compound called isoprene having the formula C_5H_8 . It is easy to break down rubber into isoprene, but to build up isoprene into rubber is not so easy.

Starting with starch—the potato is principally starch—and using chlorine, from the salt, isoprene can be made. By the assistance of the sodium—from the salt—an European chemist has succeeded in making rubber out of isoprene.

Just before the beginning of the war some of this synthetic rubber was tried out as automobile tires, in France, and is reported to have given good results. It may be that a commercial process for making rubber will be perfected within a few years.

Deaf Mute "Talks"

Recently a deaf and dumb man entered the Waukegan, Ill., exchange and handed the chief operator a piece of paper, on which he had written his name and the telephone number and name of party he wished to reach. After the operator had recorded the call he wrote the message and the operator sent it for him. He expressed his gratitude by a pleasant smile.

Mr. Chandler Promoted

Fred E. Chandler, formerly division traffic chief of the Suburban Division, Chicago Telephone Company, has been appointed traffic superintendent of the Wisconsin Telephone Company, succeeding F. H. Lincoln. Mr. Lincoln resigned in order to return to his former home in Massachusetts.

Effective April 15th the position of division traffic chief of the suburban division was abolished. District managers will hereafter report directly to the traffic superintendent on matters pertaining to traffic.

Fred E. Chandler is one of the younger generation of traffic employes who has won promotion to broader fields. A wide circle of co-workers in all departments of the Chicago Telephone Company wish him success and good luck in his new position.

Mr. Chandler's rise from the ranks has been rapid. After completing a technical course at the Armour Institute of Technology in Chicago he accepted a position with the Chicago Telephone Company in 1904. During the succeeding few years he acted as service inspector, Central office manager and later as toll manager and traffic engineer. In January, 1911, he was appointed division traffic chief in the Suburban Division, the position he held until called to greater responsibilities in the Wisconsin field.

While with the Suburban Division he developed the toll correspondence school, of great practical value in the instruction of toll operators in the field, and brought the method to a point where its effectiveness has been clearly proved.

Mr. Chandler began active work with the Wisconsin Telephone Company on May 1st.

F. H. Lincoln had been traffic superintendent of the Wisconsin Telephone Company for ten years and during that time practically built up its traffic department, and the satisfactory service conditions in Wisconsin are a testimonial of Mr. Lincoln's skill and effort. His resignation is regretted by all of the Wisconsin organization, but it is realized that it is only natural that he should be attracted by his old home and business relations in and near Boston.

Cabaret Across Continent

A cabaret in which cornet and vocal solos were performed in the press building at the Panama fair in California for publishers gathered from all parts of the country in the ballroom of the Waldorf-Astoria 3,400 miles away, and in which a member of the Metropolitan Opera Company sang in the Waldorf for a California audience and the mayors of San Francisco and New York exchanged greetings and speeches, was the feature which distinguished the annual dinner of the members of the American Newspaper Publish-



FRED E. CHANDLER.

ers' Association in New York on the night of April 22d.

There were other features, big features, in the way of important speeches, but the telephone feature was the one that made the dinner the only one of its kind that has ever been held.

The transcontinental telephone feature had been kept as a surprise for the members. Only a few of the officials of the organization, the telephone officials and the men who installed the apparatus, knew the secret, and when the publishers and editors of America walked into the Grand Ballroom at seven o'clock they were amazed to find a telephone earpiece at each plate, along with the knives, forks and other implements they would normally expect. There were 600 of the little "ear tabs" at plates on the floor. Every table was filled and the attendance at the dinner was so great that a few emergency tables had to be brought in. Wives, relatives and friends of the publishers filled the two galleries of the room, and were also surprised to find the little "ear tabs" there.

The toastmaster, Patrick Francis Murphy, president of the Mark Cross, enlightened the puzzled audience. Each of the ear tabs, he said, was connected with the Fair Grounds at San Francisco, through one line, of course, and then the first telephone feature of the evening began. G. W. Pecheco, a cornetist and a member of the Bohemia Club of San Francisco, he said, would play a cornet solo across the continent. The members listened in astonished silence while the musician played "All Those Endearing Young Charms." Every strain of the music could be heard. The music stopped and—as moving picture audiences applaud players who cannot hear them—the audience applauded the unseen cornetist.

Fifteen minutes later the toastmaster announced that the mayor of San Francisco would address the meeting. But the mayor of San Francisco was neither at the guest table nor in the room. The ear tabs were adjusted and the diners listened to Mayor James Rolph, Jr., talk for fifteen minutes from the other side of the continent.

Society Honors Four

The New York Electrical Society has given added recognition to the achievements of four leading figures in the telephone world by electing to honorary membership Dr. Alexander Graham Bell, who invented the telephone; Thomas Augustus Watson, who was associated with Dr. Bell, and with his own hands made the first telephone; John Joseph Carty, who, as chief engineer of the forces of the Bell Telephone System, has contributed so much to the upbuilding of the present telephone service; and Dr. Michael I. Pupin, whose invention of the loading coil has contributed so much to the extension of long-distance telephony.

Obituary

GEORGE CUTTER, founder of the George Cutter Company, of South Bend, died April 6th in Los Angeles, Cal.

Mr. Cutter was born in Boston, Mass., in 1853. When the Bell telephone was brought out in 1876 Mr. Cutter was employed by Charles Williams, in whose shop the first instruments were made. In 1881 he was in Riga and Warsaw, Russia, representing the International Bell Telephone Company. In 1883 he became manager of the testing department of the Thomson-Houston Company of New Britain, Conn. From 1885 to 1887 he served as chief engineer for the same company, with headquarters in London, Eng. This company afterwards was consolidated with others into what is now known as the General Electric Company. In 1889 Mr. Cutter began business for himself in Chicago, where he continued in the manufacture of electrical supplies and his own inventions until he came to South Bend in April, 1905, and established the George Cutter Company. In December, 1911, he retired from active service with the company, turning the business over to an organization which continued the name and of which Warren Ripple, of Chicago, became president.

DAVID F. PETERSON, in charge of accounting methods, American Telephone and Telegraph Company, died in New York April 27th. His remains were brought to Chicago, his former home, and funeral services were held at the chapel of Grace-land cemetery Sunday, May 2d. There were present many of his former associates in the Bell and Western Electric service, among whom he was held in high regard. Although a young man he had made an enviable reputation as an accountant.

Rotary Club Talks Across Continent

For twenty-five minutes 250 members and guests of the Columbus, Ohio, Rotary Club, assembled in Rankin hall, Tuesday noon, May 4th, listened to members of the San Francisco Rotary Club, exposition commissioners, and even to a private conversation, nearly 3,000 miles across the continent. Figured in dollars and cents, the conversations would have amounted to nearly \$1,000, but as Nathan C. Kingsbury, vice-president of the American Telephone and Telegraph Company, was host to the Rotarians with this most unique and unparalleled party, it was left to him to arrange for payment of the bill.

The telephone party followed a half-hour's talk by Mr. Kingsbury on the building of the transcontinental line. Promptly at 1:35, Mr. Kingsbury picked up the receiver of the ordinary desk telephone at the speaker's table, while the Rotarians and their guests placed receivers at their ears. Mr. Kingsbury spoke, slowly and distinctly, and in an ordinary voice over the telephone.

The treat of the talk came when Mr. Kingsbury directed the San Francisco manager to connect Mrs. T. H. Reed of Berkeley, California, on the telephone, to talk with her father, Rev. Dr. Russell, who was present at the Rotary luncheon.

Shortly a faint voice could be heard, and the Rotarians heard Mrs. Reed say: "Hello, Father."

Then followed a conversation between father and daughter three thousand miles apart. When the conversation ended Rev. Russell asked his daughter to listen keenly and sent her a kiss over the wire. Back came the response:

"I got it."

Next J. A. Jeffrey, of the Jeffrey Manufacturing Company, talked and the telephone conversation with San Francisco was closed.

Mr. Kingsbury, explaining how long it takes for the voice to carry from New York to San Francisco over the telephone, said that it takes one-fifteenth of a second, while, if a person were to stand in a window and yell loud enough—were it possible—to San Francisco, it would take the voice just four hours.

It costs \$20.60 to take three minutes from San Francisco to New York or the other way. Mr. Kingsbury declares that the distance and the price have had no effect on those desiring to talk between the two points, as the wires have been busy ever since they were formally opened.

That there is a return of confidence and that there are many concrete evidences of better times were the observations made by Mr. Kingsbury to a *Dispatch* reporter. Mr. Kingsbury only recently returned from California, and declared that in every city he visited he found indications that business is on the increase.



N. C. KINGSBURY.

An interesting feature which the American Telephone and Telegraph Company maintains is a long-distance chart, showing the long-distance traffic for each 24 hours. This chart is prepared from figures from the twelve most important offices of the company. Each office reports at ten o'clock for the day before. Last Wednesday the long-distance telephone business was the largest in the history of the company, eclipsing by far the report of any previous day. According to Mr. Kingsbury this report is a sure indication of the trend of business.

The American Telephone and Telegraph Company has an annual income of \$226,000,000, half of which is paid out in wages. Mr. Kingsbury declares that the company has over 150,000 employés on its payroll at the present time. The company purchases over \$40,000,000 worth of supplies annually.

Mr. Kingsbury was general counsel of the Jeffrey Manufacturing Company for nine years. He left Columbus in 1906 to accept the vice-presidency of the Michigan State Telephone Company at Detroit, and was elected president of the company a year later. In 1910 Mr. Kingsbury became vice-president of the Harris Trust & Savings Company of Chicago, retaining the presidency of the Michigan State Telephone Company. In 1911 he went to New York as vice-president of the American Telephone and Telegraph Company.

Mr. Kingsbury, by profession, is an attorney. He was born and raised in Mentor, Ohio, just east of Cleveland. In Duluth, Minn., after graduating from college, he became affiliated with the Marinette Iron Works Company. It was while with this company that Mr. Kingsbury took up the study of law at night. While with the Jeffrey Manufacturing Company he took a special course in law at Ohio State

University and later passed the Ohio supreme court examination. He is forty-eight years old and is married. He has a daughter five years of age. Mr. Kingsbury lives in Greenwich, Conn., going to and from New York every day.—*Columbus Dispatch*.

The Telephone in the War

The great war now being fought in Europe is a contest of brains and science as much as of military and naval forces. In the daily direction of operations no agency is more useful than the telephone. On pages 16 and 17 of this issue we publish a number of photographs showing the employment of the telephone in various ways, and the methods of using it along the Western battle lines. The following paragraph is a newspaper account of the use of the telephone in France.

The warning came too late to enable us to get up sufficient reinforcements to be ready for the massed attack, for it was launched only a quarter of an hour after the adventurer by his magnificent courage had mended the telephone "junction-box."

How attack after attack was launched on Givenchy has already been described; but what would have happened if the advance trenches had found themselves cut off from communication just at the crucial moment? That quarter of an hour's warning may have done more towards tightening our hold on threatened Givenchy than can ever be properly realized.

And what became of the little adventurer across that deadly space to the "telephone-box" of the advanced trenches? In the shock of battle he was lost sight of; and up to Friday last was missing.—*London Chronicle*.

Our War Pictures

Pictures showing the use of the telephone in the European war, which we print on pages 16 and 17, are of unusual interest.

No. 1 shows an English trooper with a telephone in a trench.

No. 2 shows a motorcycle bringing in a message to a field telephone.

No. 3 shows a field telephone used to communicate with markers at a rifle range.

No. 4 shows a sergeant in charge of a caisson receiving a telephone order.

No. 5 is a picture of a field telephone headquarters.

No. 6 shows a group of Belgians with a complete field telephone outfit.

In No. 7 the trooper operator in the field is receiving a telephonic message from headquarters.

No. 8 shows British "Tommys" in France connecting up a field telephone.

No. 9 shows Royal Engineers placing wires along the road in Farington, England.

No. 10 shows troopers taking up a field telephone.

No. 11 shows French cyclist repairmen at work on military lines.

No. 12. Scottish assisting Royal Engineers making repairs in France.



PICTURES SHOWING USE OF THE TELEPHONE





Safety First and Accident Prevention



PREVENT THE LITTLE ACCIDENTS AND THE BIG ONES WILL TAKE CARE OF THEMSELVES

When an irresistible force meets an immovable body, there can be but one result—chaos! The safety movement is the irresistible force; the immovable body is represented by the man who will not cooperate in the work. Cooperation is the most important factor making for the success or failure of accident prevention. Lacking the help of the individual, the work is severely handicapped and its object frustrated.

A study of their causes shows that approximately ninety-seven per cent. of all accidents are preventable and brings to light the astonishing fact that seventy-five per cent. of the preventable accidents are due to the fault of the injured person; furthermore, the great bulk of all accidents are the result of the neglect of little things at some time preceding the accident.

It is the little things neglected that go to make the big troubles of mankind.

In neglecting these apparently small and insignificant matters we take chances, and while it is true that a man who takes a chance or a risk from necessity is a hero, unquestionably he who takes a chance unnecessarily is merely foolhardy.

Of all the accident cases occurring in the Chicago Company during 1914, a little over three per cent. resulted from stepping on nails. Such accidents are, without exception, due entirely to the careless, thoughtless acts of lazy, inefficient people. Never carelessly throw aside a board or a stick with nails in it without first bending the nails down. If you find a board on the ground with the nails projecting, stop long enough to remove the danger. It is positively criminal to permit boards with nails

THE MAN WHO LEAVES BOARDS WITH NAILS PROJECTING FROM THEM IS AS DANGEROUS AS THE MAN WHO ROCKS THE BOAT

sticking point up to lie around, no matter whether you placed them there or not.

When you trip over a board or a mat, don't just swear and pass on. Remove

THROW ALL REFUSE INTO LITTER BOXES AND WASTE BASKETS. BE ORDERLY AND HELP TO KEEP YOUR PLACE OF WORK "SAFE"

tion and the man was able to return to his duties after being off two days. The lesson in this case is obvious.

A shop employé of the Chicago company was drilling irons for a wagon last June, when he stepped on a small nail in a piece of lumber from an old crate, causing a wound in the sole of the right foot. He paid no attention to it until the next day, when he found his foot swollen and the flesh around the wound inflamed. Prompt medical attention at that time, however, enabled him to return to work after being off five days. In this case, the workman should not have permitted boards with nails exposed to lie around, and the accident reminds us forcibly that orderliness in the shop is just as important as orderliness in the home or office.

Another case illustrating the same point was that of a groundman in the Central Construction division of the Chicago company occurring last October. While the man was carrying conduit along a trench, he stepped on a nail, which punctured the shoe and entered the sole

of his left foot. A little forethought on the part of the men or their foreman would have caused them to remove such a board or to place it so that the protruding nails were turned down.

A number of the cases occurring on the premises of subscribers would of course have been preventable had the subscribers used reasonable care in removing dangerous conditions. However, we have no control over the premises of our subscribers and it is entirely up to the individual workman to use his eyes. The cases next following might all have been prevented



THIS IS ONLY A PIECE OF BOARD WITH NAILS IN IT.
But similar pieces have been the cause of a large number of accidents.

WHAT TO DO—

Pull the nails out.
Bend them over.
Throw the board on the scrap pile.
You can do one of these.

HELP TO PREVENT ACCIDENTS.

whatever was in the way, or if this is not possible or practicable, move it or adjust it so that someone else who may follow along the same path will not trip or fall.

To illustrate the danger involved in permitting boards with nails projecting to lie around, a few accidents which occurred last year are reviewed.

Last April, a lineman in the South Construction division of the Chicago company had knocked the lags from a reel of cable and while walking about doing other work accidentally stepped on a nail in one of the lags. The nail went through the shoe and pierced the sole of the left foot. This wound was given immediate atten-

had the workmen watched their steps.

In February, 1914, an employé of the building cabling division of the Chicago company, while walking in the basement of a large building, stepped on a nail that was protruding from a board lying on the floor, causing a wound in the left foot about one-half inch deep. The wound became infected and the man was off six days.

An installer in the North division of the Chicago company last May accidentally stepped on a nail while working in the basement premises of a subscriber. Six days of pain resulted.

Last November, an installer of the Central division of the Chicago company stepped on a nail protruding from an old bracket lying on the roof of a building where he was putting up wires for a clock circuit. He thought nothing of it and did not report it until the next day. This man was off three days.

Another case which occurred last November is that of a cableman in the building cabling division of the Chicago company. While working in a basement he stepped on a nail projecting from a small board lying on the floor, which caused a wound in the sole of his right foot.



WATCH YOUR STEP.



A DANGEROUS SITUATION.

Prompt medical attention stopped the wound from infection and the man lost only one day.

We cannot afford to ignore or neglect the small hurts we receive. A pin prick, a small cut or bruise, or a scratch from a wire may, if neglected, become infected and result in blood poisoning, necessitating in some cases the amputation of a limb or the cutting away of an infected part. The prompt application of tincture of iodine, supplied in the first-aid kits will prevent much suffering. "A stitch in time," is a truism applicable to bodily injuries as well as to damaged apparel.

Last June, an installer of the Chicago company scratched the back of his left hand on a wire and paid no attention to it for three days. The scratch became infected and it was necessary to operate. He was off work for two weeks.

Last July, a wireman's helper of the Chicago company scratched his arm while preparing cable for shipment. No attention was paid to the scratch for four days. It became infected and almost four weeks of pain and discomfort followed.

While removing a cable strand from a pole last September, an installer of the Chicago company suffered a small scratch in the palm of his left hand. He paid no attention to it for several days. As a result, the wound became infected and he suffered for two weeks.

The question is put squarely to each of us, "Am I doing all I can to prevent accidents to myself and others?"

Betrothed Across Continent

One Sunday evening early in April Miss Louise Swabacker, 3654 South Michigan avenue, Chicago, was called to the telephone.

"San Francisco wants you," said the operator. Presently a masculine voice was heard. It was that of Robert A. Roos of San Francisco, a business man and a member of the managing committee of the Panama-Pacific exposition. According to newspaper reports Mr. Roos went right to the point.

"Will you marry me, Louise?"

The transmission was perfect.

"Yes, I will, Bob," went back the reply.

Several weeks ago Miss Swabacker, who is a champion golf player, made her annual visit to the links at Pasadena, Cal. There she met Mr. Roos, who, without ceremony, started a whirlwind courtship. Miss Swabacker went to San Francisco and the fair, and Mr. Roos followed. Several times he proposed, but Miss Swabacker said she couldn't decide.

Whether the young lady had actually made up her mind to accept or was carried away by the novelty of the proposal is not known. However, she made good her promise and the marriage took place in Chicago April 26th.

Los Angeles and New York Connected

The formal opening of the long-distance telephone line of the Bell System between Los Angeles, California, and New York took place May 6th at one o'clock, New York time, and ten o'clock Pacific Coast time, at the Los Angeles building of the Pacific Telephone and Telegraph Company and at the headquarters of the American Telephone and Telegraph Company. The program consisted of informal talks by prominent public officials and representative citizens on either end of the wire. By this latest extension of long-distance communication, Los Angeles with its population of nearly a half million is brought into direct communication with the Atlantic seaboard.

Immediately following the Los Angeles demonstration, prominent South American delegates to the financial conference of Pan-American countries, who were being entertained by the New York Chamber of Commerce, were given opportunity to talk with the South American representatives at the San Francisco Panama-Pacific Exposition.

Of Interest to Our Girls

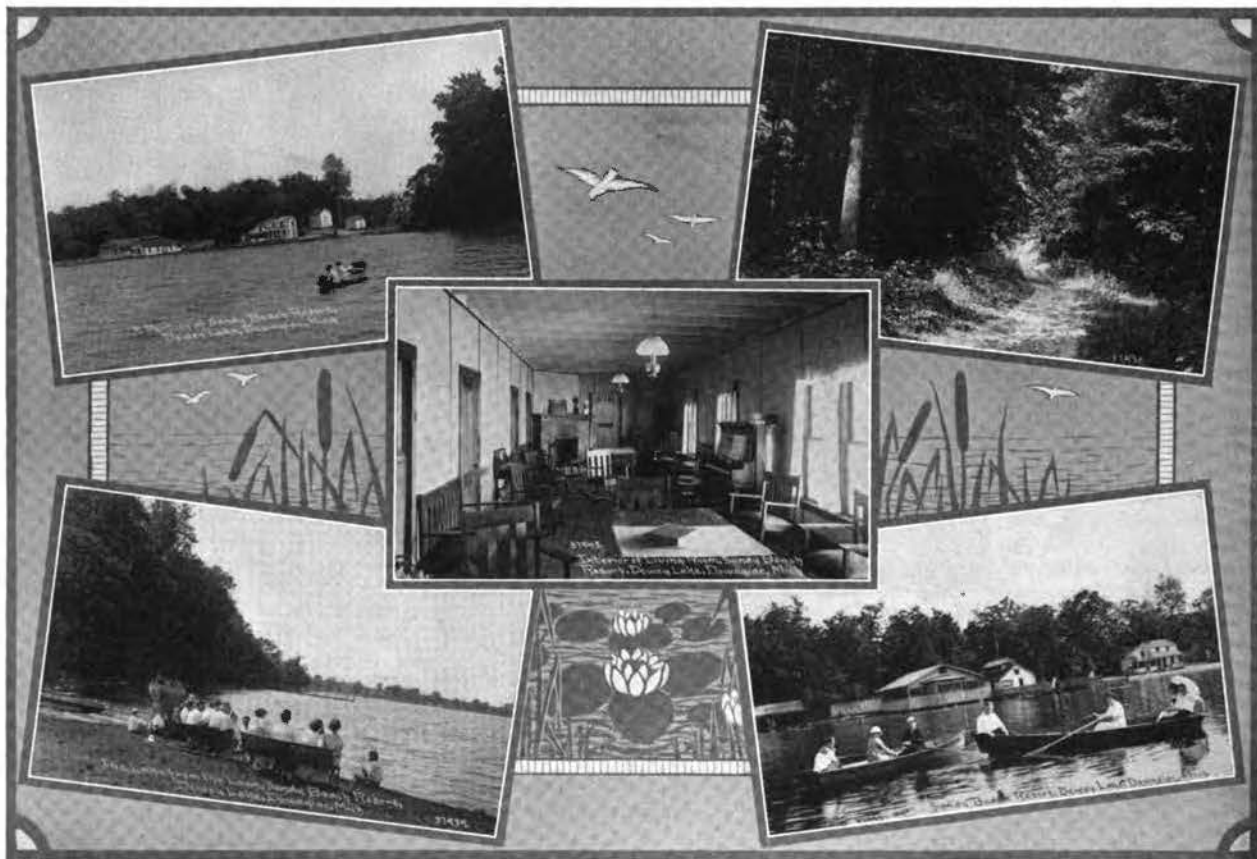
Conducted by Mrs. F. E. Dewhurst

Vacation Once More

A bit of real summer dropped into April has set our minds on vacations, and already the woods and the country are calling us away from the city. Perhaps this week of summer, long before it is due, is a wise provision of Providence. We begin

dancing leaves of gayest green and birds calling, we lose ambition for that vacation of prosy work. We want to be out in all the glory of nature's awakening, we want to follow the birds as they pass on to the north from their winter retreats. (And, by the way, this bit of summer must sur-

tion. Notice the word *recreation*—to make over again. We need renewing. We get to be mere drudges if we don't stop off once in a while and get new vision and new ambition. A wisely spent vacation ought to bring us back to our work with new vigor and enthusiasm, and if we come



SCENES AT SANDY BEACH RESORT NEAR DOWAGIAC, MICH.

to plan for those precious days when our vacation time will come.

Last month when the chilly winds at Easter made us almost doubt the approach of buds and flowers, we tried to go by faith and not by sight and assure ourselves that summer was on the way, but we felt in no hurry to make definite plans for vacation outings. Summer seemed far, far away.

Perhaps we made virtuous resolves under the exhilaration of winter winds, that we wouldn't need to go anywhere, but could take the week away from the office for neglected work at home. We planned to do a lot of sewing or clean house, or some equally strenuous thing, quite useful, but hardly to be called vacation.

With these summer winds blowing, with

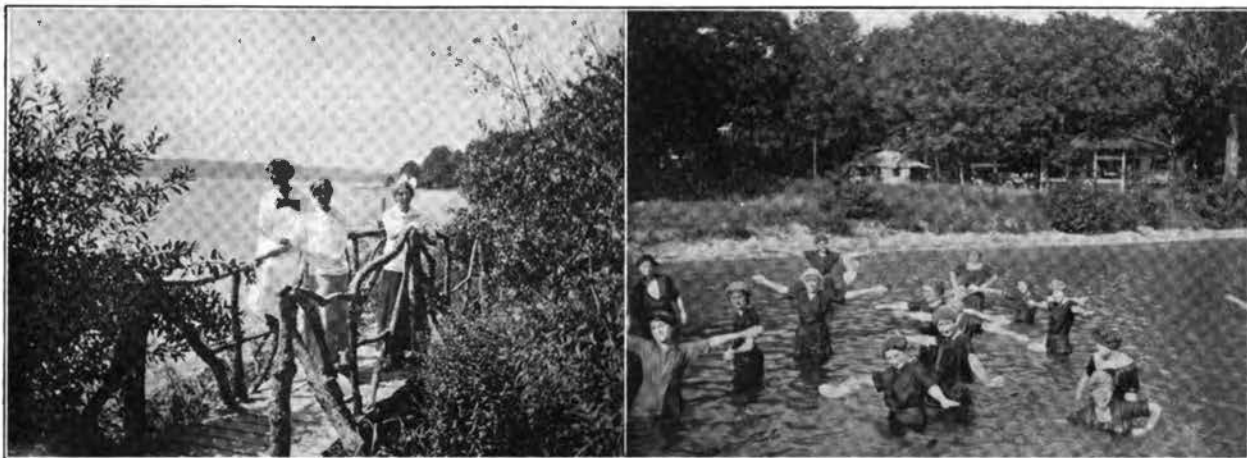
prise these migratory song birds who started on their leisurely trip north, as the hot weather drove them from their winter resorts. They thought they would keep to the cool zone all the way *via* the park systems of the cities they passed through, and here, even in Chicago and Milwaukee, close to the big lake, they find summer already. We wonder if their schedule will be upset by this unexpected prank of spring.)

Well, where shall we go for a good restful vacation? We haven't, perhaps, much money to spend, but we really are not extravagant if we spend something on a change of scene, and a glimpse of the country. In fact, we owe it to ourselves and to our employers, who give us the vacation, to make it a time for real recrea-

back from beautiful places our work will be all the happier for the inner pictures we shall often see. What the poet calls "The Harvest of a Quiet Eye," will come to us again and again while we go to our daily task.

It is with the hope that some of the pictures in this number may prove attractive enough to make our girls inquire about them, that we show a number of views at Lake Geneva at the Eleanor Camp and at Sandy Beach, Mich. Should any one care to know more about these places send a line to our Girls' Department and we will mail folders with prices and other information.

If any girl knows of a good place or has an attractive picture of some place where she has spent a happy vacation, send



SCENES AT ELEANOR CAMP, LAKE GENEVA, ILL.

the information in before the next issue of the BELL TELEPHONE NEWS and let us share it with others who may like to take advantage of it.

The pictures of the "Stunt Party" at the Eleanor Camp will interest our girls, for it shows the large recreation hall and suggests some of the fun the girls have aside from the usual pleasures of the camp life. These weekly parties with other jolly occasions, such as marshmallow roasts, and stories and songs around the fire add much pleasure to the Eleanor Camp life. Picnic suppers at Paradise Hill, a beautiful spot

lake with boating, bathing and fishing, furnish splendid natural attractions. Here, also are social pleasures provided by the hotel, while the lounging room with its big log fireplace, the large porches and dining room make a pleasant center for guests. This place also offers furnished cottages for rent which a group of people might find pleasanter than boarding at the hotel. Perhaps father and mother would like to join in this vacation and a week in a new home by the lake would be a real rest.

These are only suggestions as to places, but the idea of taking a real rest for a

drayman who moved the people next door over on Seventh avenue."

Subscriber: "Indeed, the other party on my line worries me to death. If one goes to talk, they are always there to interrupt conversations, bang receivers and imitate busy signals. It's a pity that we haven't some invention so we could squirt their ears full of water."

Operator: "Information."

Subscriber: "Will you please tell me which of Mutt and Jeff is the tall one and



STUNT PARTY AT ELEANOR CAMP, LAKE GENEVA, WIS.

on the camp grounds, are another pleasant diversion. Bathing, with a competent swimming teacher, gives an opportunity not only for recreation but for valuable assistance in learning the art which every girl should for safety's sake be able to practice.

Sandy Beach Resort, Mich., offers many attractions of a somewhat different nature. It is situated on the woody bluffs of Dewey Lake, with an elevation of over 200 feet above Lake Michigan. Wooded hills and dells, winding drives and shaded paths through forests and ravines, the

week, away from the city, is one that we urge on the girls who live on its busy streets. To the girl who lives in the country or small town possibly a visit to the city may give just the right change of environment that will stimulate and bring her back with new ideas and new enthusiasm for her work.

Exchange of Exchanges

Gary, Ind.:

Operator: "Information."

Subscriber: "I want that oldish looking

which the short one?"

Information: "Mutt is the tall one."

Grand Rapids, Mich.:

Subscriber, to long distance: "This is Van Platten talking."

Recorder, reporting: "McFadden?"

Subscriber: "No, Central; this isn't an Irishman. You are talking to a Dutchman this time."

Detroit:

Operator: "Long Distance."

Subscriber: "Give me my wife in Saginaw."

FOR THE GIRL WHO SEWS

NEW GOWN IN FASHIONABLE BOLERO STYLE

The bolero makes a really important feature of the new styles. Here is a gown that shows a most attractive one, made sleeveless to be worn over a guimpe of thinner material. The accompanying skirt is in three pieces with applied tucks that accentuate the flare. In the illustration, the material is silk and wool gabardine with crêpe de Chine used for the bolero and charmeuse satin for



8607.

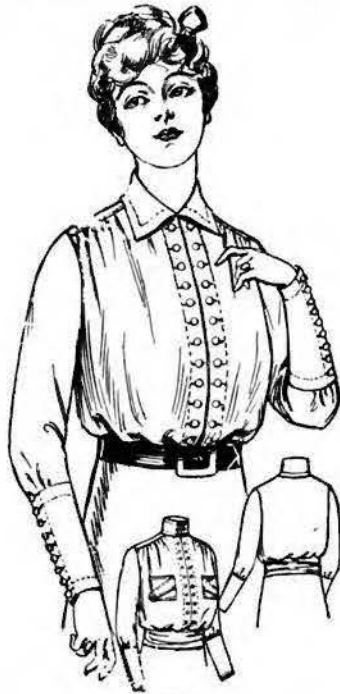
the sash, but the design will be found a good one for many different materials. It would be exceedingly handsome made up in the faille silk that is so fashionable or in one of the new spring satins or in pongee or foulard or in chiffon taffeta, or in fact any material of the sort. The bolero is just a plain one that can be buttoned up snugly at the throat or rolled open. The sash may be a straight piece of ribbon or material as liked.

For the medium size will be required 6 1/4 yds. of material 27 in. wide, 4 1/2 yds. 36, 3 1/4 yds. 44, in. wide, for the skirt and bolero; 2 yds. 27, 1 1/2 yds. 36, 1 yd. 44 in. wide, for the folds; 3 1/2 yds. 27, 2 yds. 36, 1 1/4 yds. 44, for the bolero.

The pattern 8607 is cut in sizes from 34 to 42 in. bust measure. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on this page.

INTERESTING BLOUSE MODEL WITH MILITARY SUGGESTION

Women who are seeking dainty, soft blouses for summer wear will like this one made as it is on the figure. Those who like the tailored finish and the military idea will be pleased with the straight high collar and the pockets, for they completely transform the garment and give it an entirely different aspect. The full fronts are



8627.

means of cords. The back is extended over the fronts to give the suggestion of a yoke and when the rolled over collar is used, the fronts are cut out slightly.

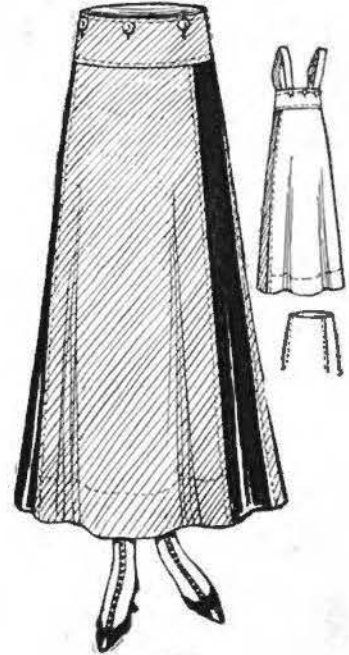
For the medium size will be required 3 1/2 yds. of material 27 in. wide, 2 1/2 yds. 36, 1 1/2 yds. 44 in. wide.

The pattern 8627 is cut in sizes from 34 to 44

in. bust measure. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on this page.

SMART NEW SKIRT WITH PANEL EFFECT

Here is a skirt that is in every way new and smart for the coat suit and which is really perfect for wear with the summer blouses. It consists of two pieces with a panel at each side and it can be made of one material throughout or of two, as



8641.

a result or is ideal for making over the narrow skirt of last season. When suspenders are used, they are attached under the edges of the yoke.

For the medium size will be needed 3 1/2 yds. of material 27 in. wide, 2 1/2 yds. 36 or 44, with 1 1/4 yds. any width for the panels.

The pattern 8641 is cut in sizes from 24 to 32 in. waist measure. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on this page.

PATTERN COUPON

Fashion Department, BELL TELEPHONE NEWS,
212 West Washington St., Chicago, Ill.

Enclosed find cents in 2-cent stamps for which please send me patterns listed below:

No. Size

No. Size

The price of each pattern shown in this issue, to employes of the Bell System, is six cents when order is accompanied by this coupon. Write name and address, and number and size of patterns plainly. Enclose six cents in 2-cent stamps for each pattern ordered.

Name

Address

City or Town

State

SMART COSTUME WITH EMPIRE WAIST AND FULL SKIRT

It is doubtful if there is any feature of the spring more interesting than the combination of the Empire waist line with the wide skirt. Here is a frock adapted to small women and to young girls which shows that feature and also a bolero that is essentially youthful in effect, generally becoming and altogether attractive. Here the bolero and the skirt are made of a pretty flowered taffeta of the new chiffon sort and the blouse is of crêpe de Chine, but one can think of many ways in which the design could be copied. The neck finish

need for it can be made with any neck shaping that may be desired and with sleeves of any length or without sleeves. It fits the figure snugly and the skirt flares sufficiently to be correct beneath the latest gowns. It can be finished with gathered or with circular flounce. On the figure, it is shown made of crêpe de Chine with trimming of lace, but the slip is adapted also to many silks, and to lingerie materials and indeed to everything that is available for such a garment. Colored slips beneath white gowns promise to be fashionable and they are pretty made of lawn or batiste as well as of crêpe de Chine, satin, messaline and the like.

For the medium size will be required 8 3/4 yds. of material 27 in. wide, 6 3/4 yds. 36, 4 1/2 yds. 44.

a circular or a gathered flounce or the petticoat can be left plain. With the circular flounce, it is a good model for the silks and satins that are used beneath many summer dresses and with the gathered flounce, it is especially adapted to the lawns, batistes and the like. There are five gores that are shaped just sufficiently to give required fullness at the lower edge. When the inverted plait is used, the petticoat is perfectly smooth over the hips, but for a slender figure that requires fullness at the back, gathers are to be preferred.

For the 16 year size will be needed 3 3/4 yds. of material 27 in. wide, 2 1/2 yds. 36, 2 1/2 yds. 44; for the plain skirt, 2 yds. 27, 1 1/2 yds. 36, 1 yd. 44, for the circular flounce, 2 3/4 yds. of embroidery 1 1/2 in. wide, for the gathered flounce.



8613

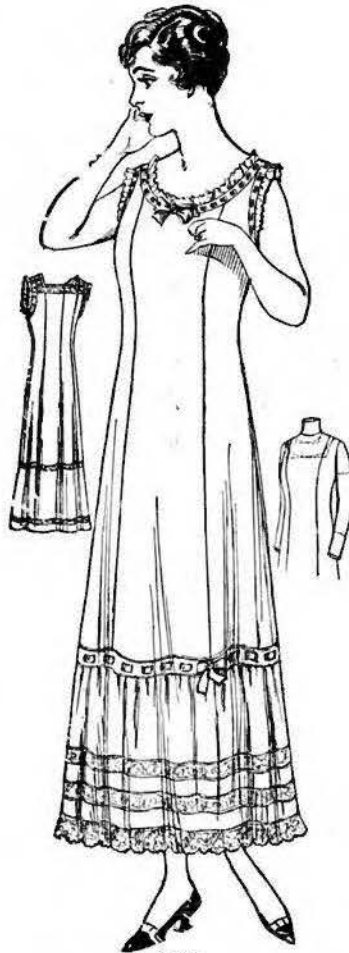
allows of a choice of a stock collar or of a rolling collar and the sleeves can be in full or in three-quarter length and the skirt cut in two or in three pieces as desirable.

For the 16 year size will be required 5 3/4 yds. of material 27 in. wide, 3 3/4 yds. 36, 3/4 yd. 44, for the bolero and skirt, with 2 yds. 27, 1 1/2 yds. 36, 1 yd. 44, for the folds; 3 yds. 27, 2 yds. 36, 1 1/2 yds. 44, for the blouse.

The pattern 8613 is cut in sizes 16 and 18 years. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on page 22.

PRINCESS SLIP ADAPTED TO FASHIONABLE GOWNS

The princess slip is one of the real needfuls of the warm weather season and is convenient at all times. Here is one that can be adapted to every



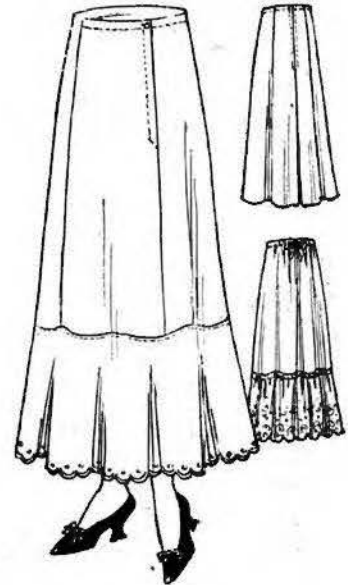
8618

with 2 yds. 27 in. wide, 1 1/2 yds. 36 or 44, for the gathered flounce; 6 1/2 yds. of insertion, 3 3/4 yds.; of wider edging, 3 yds. of narrower, 2 3/4 yds. of beading in each width; 3 yds. 27 in. wide, 2 yds. 36, 1 1/2 yds. 44, for the circular flounce.

The pattern 8618 is cut in sizes from 34 to 44 in. bust measure. It will be mailed to any address by the Fashion Department of this paper on receipt of six cents in two-cent stamps. Use pattern coupon on page 22.

PETTICOAT FOR WEAR WITH FASHIONABLE FROCKS

With the coming of the full skirts, petticoats were bound to return to favor. Here is one that is just full enough to be fashionable and it can be made with inverted plait or with gathers at the back and at the lower edge there can be arranged



8643

The pattern 8643 is cut in sizes for 16 and 18 years. It will be mailed to any address by the Fashion Department of this paper, on receipt of six cents in two-cent stamps. Use pattern coupon on page 22.

Pardon Me, Please

Inevitably we sometimes get a wrong number, and usually we are irritated a little. It isn't pleasant to be delayed nor to know that one has needlessly disturbed another. How many, then, have noticed the little addition to telephone courtesy?

"You gave me the wrong number," we say, a bit sharply, prepared to contest a denial. And the answer comes:

"Pardon me, please; what number did you call?"

Could anything more quickly smooth the irritation and suggest to us that perhaps we were a little indistinct—remind us that we ourselves make mistakes sometimes? Anyone who gives a harsh answer after those three words must be a churl indeed and little deserving of sympathy. They make for pleasantness and good temper and graciousness those three little words. And they come whether the mistake is ours or the operator's. They must play no little part in oiling life's wheels.—*Milwaukee Journal*.

Brief News Notes from the Field

Items of Interest to Michigan Telephone Employees Gathered from All Parts of the Territory

Victor H. Look, Correspondent, Detroit.

Revenue Cutter Service and the Telephone on the St. Mary's River

By R. T. WHITE
District Manager at Sault Ste Marie

We read about Arctic whalers, Chinese junks, Japanese sampans, Venetian gondolas, transatlantic liners and dreadnoughts, all of which vessels have characteristics of their own peculiarly adapted to the commerce or the traffic in which they are engaged. But the "lake carrier" used in the commerce on the Great Lakes has an individuality little known to most of us, its main features being titanic capacity, availability for rapid commerce handling, seaworthiness, and speed. It is a long, slender steel shell built for cargo. The engines are placed aft so that all available space may be utilized. Its length, greater than that of the dreadnought, at present is 617 feet with a beam of 64.2 feet and a capacity for carrying a cargo of 14,286 tons. The largest dreadnought in our navy at present is the battleship New York with 565 feet length and 95.2 feet beam. These "lake carriers" during 1913 carried through the "Soo Locks" at Sault Ste. Marie, Michigan, and Ontario 79,718,341 tons of freight valued at \$865,937,838. The total value of these boats alone was \$142,421,200. They consisted of 852 registered and 694 unregistered craft.

The St. Mary's river from its beginning at Point Iroquois in Whitefish Bay to its mouth at Point Detour on Lake Huron consists of tortuous windings, which, even though made navigable by the efforts of the United States government, still have their dangers. The Revenue Cutter Service of the United States on the St. Mary's river, therefore, has for its main duty the taking care of this mammoth fleet of "lake carriers" and other craft as they ply up and down the entire length of the river. The *Mackinac* is the main boat in the cutter service though the *Vigilant* and others are used to enforce the traffic rules on the river and to aid in cases of distress. We might say right here that the Revenue Cutter Service has had many cases of life saving to its credit and the whole organization is highly respected because its career has made it so.

The efficiency of the Revenue Cutter Service has been accomplished to a great extent by the use of the telephone. The Pittsburg Steamship Company, which owns probably 175 lake carriers and is by far the largest operating unit on the Great Lakes, has a private telephone line which is connected to the private branch exchange located in its general stores building at S. S. Marie and which extends south along the river for about twenty-five miles. This private line, built in April, 1913, consists of a No. 10 iron metallic circuit and Western Electric equipment is used throughout. The original purpose of the line was to report

boats as they came up the river so as to send out the supply boats to load them with stores with the least delay possible at S. S. Marie. This in turn was augmented by the use of the line by the U. S. Revenue Cutter Service for reporting passages of boats and enforcement of river and harbor regulations.

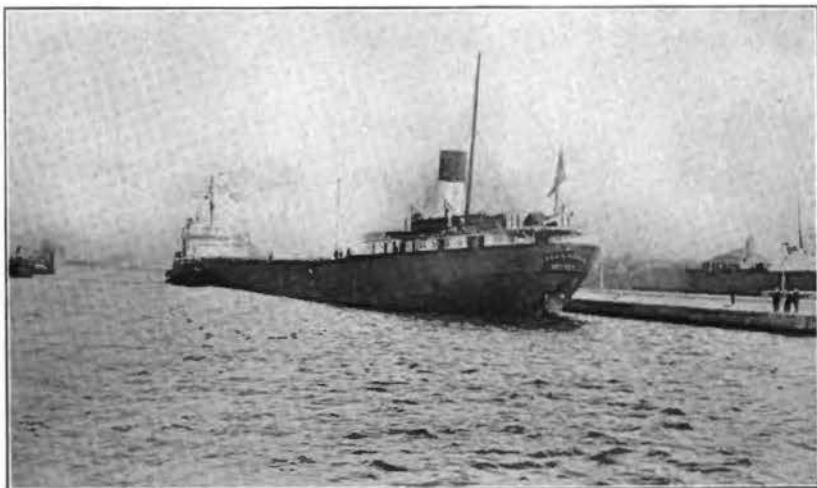
On the line at present are nine stations besides the private branch exchange connection, three being in the city and six down the river. The following are the stations: General stores building of the Pittsburg Steamship Company, office of the

Rapids lookout station, West Neebish lookout station, Dike lookout station, Little Mud Lake lookout station, and two stations at Sailors Encampment, one being in the lookout station and the other in the lookout's residence.

The lookouts are all in the employ of the Revenue Service and the stations themselves resemble the blockhouse of early American history with a cross strain of a lighthouse added to it.

The river channels are winding as noted above, and because of the volume of traffic, great care must be used in seeing that all regulations are observed. Often a boat

goes aground and word must be gotten ahead so as to stop the continual passage of boats before a general blockade of that particular channel takes place. One can easily see that a six-hundred foot freighter can not turn around in a narrow channel and the importance of getting the unlucky freighter released from her dangerous position is easily understood, for a blockade here resembles a tie-up in a New York subway. A telephone message to the revenue cutter service in a case like this demonstrates the truth of the adage, "A stitch in time saves nine."



THE "JAMES A. FERRELL," A TYPICAL LAKE CARRIER.

The vessel is about to enter the new Third Dock for the first down-bound passage.

U. S. Revenue Cutter Service in the Federal building, office of the Great Lakes Tug Company, Little



REPORTING STATION No. 1,
Revenue Cutter Service, St. Mary's River.

Telephone as Campaign Aid

The telephone was used with telling effect at Crystal Falls, Mich., during the recent campaign for local option.

Baxter Brown, campaign manager of the Iron County Welfare Association, under date of April 3rd, wrote as follows:

"During the campaign for local option in this county, I have necessarily used the telephone a great deal. I believe that in twenty-one days I called and paid reverse calls, which I personally answered, to the extent that the toll charges were something in excess of \$50. I believe that 90 per cent. of these calls were within the county where toll charges seldom exceed fifteen or twenty cents. I mention this to give some idea of the number of times that the 'phone has been used. In addition to this, I have sent and received, I think, several hundred local calls during this same period. I believe, therefore, that I am justified in expressing my opinion of the 'phone service rendered, and it gives me great pleasure to state that the service has been very efficient indeed; the calls have been answered by the operators very promptly and the operators have extended to me very great courtesy for which I feel greatly obligated.—Sincerely, Baxter Brown, Campaign Manager of the Iron County Welfare Association."

This is the Date!

On July 10th the Telephone Society of Michigan will have its annual excursion, and as usual the trip will be to Bois-Blanc, or "Bob-Lo." The Detroit Belle Isle and Windsor Ferry Company will furnish the steamer.

New Exchange at Ironwood

One of the important pieces of construction work completed last year by the Michigan State Telephone Company was the rebuilding of the exchange at Ironwood.

Several months of preparation had been required to make the change from the magneto to the common-battery system, but now Ironwood has an exchange as complete and modern as any in the state.

The cost of the equipment at Ironwood totals in round figures \$69,000, of which \$13,000 was for the new building and \$30,000 for outside plant alone, which was entirely reconstructed and put in first-class condition, there being much underground construction. The new board cost \$16,000, while the change of the instruments from magneto to common-battery cost \$10,000.

The new board has been made familiar to the fifteen operators at Ironwood by constant practice and repeated instructions from Myrtle Schrandt, service inspector from Marquette, and Mr. Weed, service inspector from Detroit, under direct supervision, however, of Fred Clark, traffic engineer.

The first toll line was built into the Ironwood exchange about 1889 or 1890. It was a Wisconsin circuit from Ashland. Shortly after this, the Michigan State Telephone Company, at a large cost, constructed a toll line from St. Ignace through the copper country via Nestoria. Shortly after this a line was constructed to Ironwood. This also entailed a great cost on account of the wildness of the country which it was necessary to go through. The type of construction from St. Ignace to the copper country, from Menominee to Negaunee, and from Nestoria to Ironwood, was of the very best, one of the circuits being composed entirely of No. 8 copper wire. There was no iron wire used whatever in the construction of these lines, which means that the entire toll-line equipment of the Michigan State Telephone Company in the Upper Peninsula is composed of copper wire.

At the present time it is not possible to ascertain who was the first subscriber at Ironwood or Hurley. Formerly, about the year 1890, the telephone exchange was located at

Hurley, Wis. In the summer of 1901 the exchange was moved to Ironwood.

The telephone business from 1888 up to 1902 was in the hands of a Mr. Roberts, who acted

exchange, and the appointment of a manager at Ironwood being left to him, he selected W. G. Wilcox. Mr. Wilcox occupied the position of manager at Ironwood from 1894 up to and including February 21, 1913, when he was succeeded by W. W. Wilcox, who is the present manager.

The rebuilding of the outside plant has been in the hands of Mr. Lukas, and the work on the switchboard was in charge of H. E. Harrington, equipment foreman, who was assisted by Glen Barrie. The cut-over was accomplished with only eight cases of trouble, these being all minor cases which invariably show up at all cut-overs. Mr. Barrie also has charge, under Mr. Harrington, of the re-wiring of subscribers' premises and the installing of the new common-battery tele-phones.

The local officials in charge of the Michigan State Telephone Company's exchange at Ironwood are: W. W. Wilcox, manager; Irene Shea, cashier; Nora Trier, collector; Alice Lauzon, chief operator; Laura Jenkins, evening chief operator; A. C. Fraser, wire chief and city foreman; Fred Oberlander, troubleman, and J. F. Hartman, lineman.

One of the most successful receptions ever given by the Telephone Company in Michigan, was held at Ironwood a few days after the cut-over. Just 1,028 people attended this reception. This number includes only the adults. No children were counted in keeping track of the visitors who filed into the new office from the hour of opening at 2 p. m. until 10 o'clock in the evening.

The reception committee was made up of C. S. Slack, commercial manager of the Detroit exchange, W. W. Hiller, chief commercial agent of the Wisconsin Telephone Company, and E. M. Steiner, commercial agent of Detroit. These officials were assisted by W. A. Cardinal, H. V. Weed, F. H. Lockwood, R. T. White and H. F. Fowler. Mr. Fowler is district commercial agent of the Eau Claire district.

The visitors were shown the entire new plant, including the cable vault and battery room in basement, apparatus room and commercial office on first floor, operating and retiring rooms on the second floor.



TELEPHONE BUILDING, IRONWOOD, MICH.

as agent for the Michigan State Telephone Company and the Wisconsin Telephone Company, connecting the Bell toll lines with his exchange. In 1892 the first manager of the exchange at Ironwood, K. S. Baker, was appointed. In 1894 Mr. Baker was appointed manager of the Marquette



OPERATING FORCE, IRONWOOD, MICH.

Telephone Service at the State Capital

By B. R. MARSH
District Manager, Lansing

Although "Service First" is the slogan practiced by every operating unit of the great Bell System, the superlative of this expression—if there be one—is and should be the watchword for the telephone system that serves the Capitol City.

This sounds like rather a broad statement, from purely an operating standpoint, since any traffic man will tell you that practically no two communities in the state exact a similar demand on service, the load carried by the exchange usually varying according to the classification of the town or city. Thus very different schedules are necessary for towns and cities classed as strictly rural, manufacturing, mining, railroad center, summer resorts, etc. Each of these conditions, when once solved and plotted, may usually be depended upon to follow a regular cycle throughout each month of the year thus permitting the best possible efficiency in handling operating forces.

All of this is equally applicable to the Lansing office, so far as local service is concerned, since Lansing can properly be classed as a manufacturing city; but when the toll service is considered no fixed rules seem to apply. For example, the load handled by the operators will be very near normal for possibly three or four days and then, for no apparent reason, either drop twenty-five per cent. or increase nearly fifty per cent. To be sure this condition is more acute during the session of legislature, which convenes regularly every two years but, in a lesser degree, the same is true at all other times.

A close analysis of some of the peak loads reveals some of the following causes: Important Supreme Court decisions, opinions handed down by the Railroad Commission, special instructions issued by the Military Department, epidemics that are handled by the State Board of Health, estab-

lishing of political headquarters before elections and the introduction and passing of radical legislation. All these go to create the heavy loads that have to be met on short notice in order that the service may be kept up to standard.

Many different plans have been tried out in the way of operating schedules but the one that is now in force seems to offer the best solution. The approximate number of tickets handled during the peak hours in the morning is watched very closely and if all indications point to a light load for the balance of the day one of the "afternoon" operators is given the half day off in exchange for morning hours when needed. Usually two toll positions are filled by operators who are not particular about regular hours and who can be readily

the public and the possibilities for creating a state-wide feeling of friendliness and good will toward our company are greater here than in any other one locality. This is exceptionally true during the session of the Legislature when the demands on telephone service are much more severe than at other times.

In order that the service furnished the legislators may be up to the Bell standard and that no incoming calls be delayed, special pay-station operators are provided to attend the three long-distance booths located in the lobby of the Capitol post office. These booths are three in number and are connected to a small switchboard equipped with three trunk lines to the central office. Many times the sessions in the House and Senate continue until late at night so relief operators have to be provided for such occasions on short notice.

The demands on the service for the newspaper men during the session are possibly more exacting than for the legislators themselves. All of the big newspapers of the state have correspondents here and each one, of course, tries to "scoop" the others on any important measure before the House and Senate. This rivalry is particularly keen among reporters for Detroit papers and it is no uncommon occurrence to have two and three calls filed almost simultaneously for Detroit papers with each reporter demanding immediate service. Of course, it is not always possible to pass the calls at once even with six direct circuits to Detroit, but by maintaining an average speed of service on Detroit business of two or two and one-half minutes, complaints are very seldom received.

That the service furnished to the State Capitol is appreciated is evident from the number of presents received by the operators each year from the different officials.

The photograph shows the attended pay station located in the Capitol building and used during sessions of the Legislature. The picture shows also two operators, May Bonesteel and Nan Calvary, and the two pages who locate the senators and representatives for incoming calls.



PAY-STATION EQUIPMENT, STATE CAPITOL, LANSING.
Operators May Bonesteel and Nan Calvary and House Page McGill are shown.

called into service on short notice. In this way the chief operator generally has extra time in reserve so that the peak loads can be met by regular operators who are, at all times, familiar with the existing conditions instead of by extra operators who are less reliable and hard to locate when wanted.

The proposition of furnishing the best possible telephone service to the Capitol City involves a big commercial condition that cannot be overlooked. Since this city has been chosen as the seat of government for the state people are wont to look to Lansing for perfection in everything that goes to make up a city. In other words, the mere presence of the Capitol seems to demand that we have the best streets and pavements, finest

sewage system, purest water supply, best fire and police protection, unequaled school system as well as first-class public utilities. Thus our telephone service and methods of dealing with the public must excel in comparison with practically all other telephone service in Michigan since the Capitol officials and employees represent practically every section of the state.

The old saying that, "the proof of the pudding is in the eating," is practically applicable to the grade of service that we offer to

High Praise for Kalamazoo

J. Harold Braddock, field secretary of the American City Bureau, of New York, spent a month recently in Kalamazoo, Mich. During this time he made extensive use of the telephone, as times placing as many as one hundred calls in an hour. In a letter to District Manager E. P. Platt and Local Manager A. W. Robb, Mr. Braddock said:

"In Kalamazoo the service rendered by your company has been far above the average. In fact, it is the best I have ever known. The telephone operators have been alert, intelligent, and courteous. From the layman's point of view, the distinctness of the conversation over the telephone could not be improved.

"It is difficult to put into words one's commendation. Yet, so greatly has the service of your company impressed me, that however inadequately it may be expressed, I want you to know my thoughts toward you and your company."

Yours truly,
J. HAROLD BRADDOCK,
Field Secretary.



\$4 a Month!

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Nothing Down—Free Trial. Less than Agents' Prices. Shipped on approval. If you want to keep it, send us \$4 a month. Send for famous FREE typewriter book. Tells how to save \$48.00. Write today.

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The No. 223 Fire Pot

The No. 223 Fire Pot

is made to meet the demand of the trade for an extra strong Fire Pot, using Kerosene as fuel. There is a growing demand for Kerosene Fire Pots and the No. 223 tank is made of heavy gauge seamless drawn steel, reinforced, with all the fittings and the bottom welded in, making it extra strong and durable. The burner is made of special metal and produces a steady blue flame of intense heat, devoid of smoke or smell. The No. 223 will give you splendid satisfaction and please your customers. All leading jobbers will supply at factory price. Send for catalog—it's free.

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ROBERTS POLE CHANGER

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IRON WIRE CONNECTORS

For Telephone and Electric Wire

All sizes from No. 0000 to No. 19 gauge
Split and Combination sizes

Write for Samples and Prices

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Be sure to look for this label on the "Peerless" Can when purchasing.

UNDERWRITERS LABORATORIES INC.
INSPECTED SAFETY CAN
No



Your life is worth more than the price of the

"PEERLESS" CAN

NON-EXPLOSIVE CAN CO.

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The five gallon Can takes 15 seconds to fill and can be emptied in 20 seconds, proving its superiority over any other Safety Can.

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Steel Lockers, Racks and Bins for every purpose.



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Write for Latest Klein Tool Catalogue For Spring Construction Work



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Mfgs. of Linemen's, Electricians' and Mechanics' Tools
Canal Station 62 CHICAGO
Telephone Wabash 628

"The French" FOLDING DOOR Telephone Booth

(Patent Pending)

Has been evolved after years of study and experimenting and is now offered as the "last word" in telephone booth construction. It embodies all the good points of the ordinary swing door and the more modern receding door booths, and eliminates the troublesome features of both types.

Write for booklet describing the advantages of the "Folding Door" Booth

C. B. FRENCH CABINET COMPANY, Inc., Brooklyn, N. Y.

DISTRIBUTORS:

Western Electric Company

Houses in all principal cities



Door Open



Door Closed

J. E. Bonell, manager at Eau Claire, secured a contract for a No. 2 private branch exchange from the H. T. Lange Company, installation being made early in March.

The Red Oak Telephone Association was organized on March 8th by District Commercial Agent H. F. Fowler and Manager R. B. Richter of Stanley. Work will commence

The office now presents an up-to-date, neat appearance.

Margaret Germer, former toll operator at Horicon, has been promoted to the position of chief operator, succeeding Freida Meyer, resigned.

Thomas Ryan, of Milwaukee, is doing construction work at Madison, taking the place

Mr. Fitzpatrick was transferred to the Waupun exchange from Beaver Dam on March 1st.

A pleased subscriber recently presented the Hartford operators with a large box of candy. Accompanying the candy was a note of thanks for good service.

A number of boys from the cashier's of-



MILWAUKEE DISTRICT COMMERCIAL MEETING.

on the lines as soon as the frost is out of the ground and when completed will give connection with the Stanley exchange to about fifty rural subscribers.

The Estella Farmers' Telephone Company has been organized to connect with the Cornell Telephone Company, connecting with the Wisconsin Telephone Company. The work of building the line will be started immediately.

On March 8th Mayme Jasper entertained the C. A. B. C. Club at Chippewa Falls. The evening was spent playing games and a number of the operators rendered musical selections.

Miss H. Zutter has succeeded Hazel Kehnl as chief operator at Chippewa Falls.

Marie Nelson, chief operator at Darlington, has resigned and is succeeded by Eliza Clark.

The interior exchange quarters at Horicon have just been remodeled and redecored.

of Charles Detbrenner, who has been transferred.

Mr. and Mrs. J. Morton, of Milwaukee, have taken up their residence at Madison. Mr. Morton is employed by the Western Electric Company, installing new equipment for the Madison exchange. Mrs. Morton will be remembered as Ella Grady, formerly an operator at the Milwaukee exchange.

Clarence Joachim, formerly employed in the district office at Madison and now with the Chicago Telephone Company, was a recent visitor at Madison.

V. W. Deist, district commercial agent for the Madison district, has been transferred to the Baraboo exchange as manager, succeeding Oscar Quale, who has accepted a position as manager with the Reedsburg Telephone Company.

E. A. Green, formerly manager at Lancaster, has been transferred to the Waupun exchange.

Milwaukee, had a bowling party at Maier's Garden, Tuesday, March 9th. Cashier Nell is quite capable when it comes to getting the money but for some reason or other could not get the pins. Collector Sludzinski rolled an excellent score and he also earned a mark of 300 for his excellent attack on the lunch that was served.

Anna Van Essen, local operator at the Green Bay exchange, entertained the I. W. S. Club at her home on Chicago street on March 16th. The evening was spent in sewing, and a dainty lunch was served by the hostess. Musical selections were rendered by Anna Van Essen and Beatrice McGrath. The club will meet again in two weeks.

Frances Muldoon, toll operator at the Green Bay exchange, entertained a number of operators at a candy pull on March 17th. This was also a farewell party for Lottie Bins, formerly an operator at the Green Bay exchange, who has entered the convent of the Notre Dame Order.

Anna Schmidt, local supervisor at the Green Bay exchange, has undergone an operation for appendicitis. She is reported as recovering very rapidly.

Ada Pilson, of the cashier's office, Milwaukee, is to be one of the June brides. Her engagement to Walter Hyland of Bay City, Mich., was announced recently. Her corner of the office seems particularly bright these days, due to her happy, smiling face and also the diamond which adorns her left hand. She expects to make her home in Bay City.

On March 23d, on the invitation of Mrs. Reukema, the girls of the commercial, executive and legal departments at Milwaukee attended a surprise supper, the occasion being Pearl Reukema's birthday. The evening was spent in dancing and singing and the girls are a unit in wishing that Miss Reukema's birthday anniversary came more than once a year—not, of course, wishing to see her grow old any faster.

Freida Fulmer, toll operator at Oconomowoc, recently entertained the girls of the Oconomowoc exchange at a Japanese party held at her home.

Mr. Patterson and crew of Chicago, who assisted in repairing the damage caused by the recent sleet storm, attended a masquerade party at Eagle and carried off the first prize for the best comic group.

On March 18th and 19th, the managers, chief operators and clerks in the Milwaukee district attended a commercial meeting held in the Grand exchange, Milwaukee. Items of general commercial interest were discussed, the meeting being conducted by Commercial Superintendent F. M. McEniry.



CONSTRUCTION CREW ON ESTIMATE WORK, AND WIRE CHIEF'S FORCE, LINCOLN EXCHANGE, MILWAUKEE.

Cement Floors

In all Telephone Company Buildings should be painted with

Shuron Cement Coating

It stops dusting and makes cement surfaces sanitary and beautiful.

Write for Color Card and Prices.

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Fifteenth St. and Western Ave., CHICAGO

The New "Thompson-Levering" Test Set

TYPE CI-2011 Price \$60.00

Special Features

1. Impossible to make wrong setting for any test.
2. Impossible to make an error in reading results.
3. Impossible to burn out rheostat to make it useless.
4. Shunt protection for the removable galvanometer.
5. Battery renewal obtainable in any supply house.
6. The instrument is of "Thompson-Levering" manufacture.



A set the telephone world has greatly needed and desired for years, but never available until now. Its low price is the result of special design, quantity production and approved manufacturing methods.

Made, sold and guaranteed by the Thompson-Levering Company who are the producers of the highest grade testing instruments which are standard with all of the largest public service corporations in the world.

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CUTTERS



- 10-Inch** Clipper Cut Jaws, for 3-16-in. annealed bolts in the thread, or 3-16-in. soft rivets.
Center Cut Jaws, for 3-16-in. soft rods.
- 14-Inch** Clipper Cut Jaws, for 1-4-in. annealed bolts in the thread, or 1-4-in. soft rivets.
Center Cut Jaws, for 1-4-in. soft rods.

Insulated Handles if desired.

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"Easy," "New Easy" and Allen Randall Bolt Clippers

Receiver Cases and Transmitter Mouthpieces

made from our composition give very satisfactory service under all conditions

We have concentrated all of our attention and experience to the perfection of our composition material, which is very appropriate and permanent for making telephone parts.

This composition is "seamless"—strong and highly finished and is not affected by climatic conditions. An interview or opportunity to discuss our proposition in detail to you will soon convince you that "ours" is an exceptional product.

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We Guarantee
Greatest Efficiency
Longest Life
Most Satisfactory Service
Lowest Cost of Up-keep
In the Use of our wire.



Write for **FREE SAMPLE**
Make Test and Comparison

Approved by Leading Institutions of Technology and Telephonic Science. Handled by most representative Jobbers and Supply Houses.

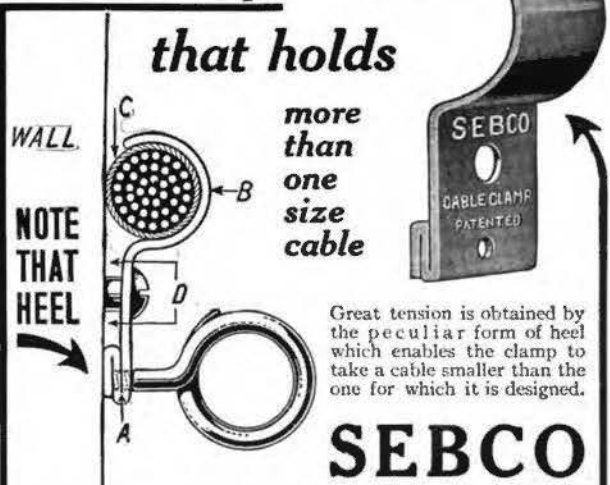
Indiana Steel & Wire Co.

Muncie, Indiana

A Clamp

that holds

more than one size cable



Great tension is obtained by the peculiar form of heel which enables the clamp to take a cable smaller than the one for which it is designed.

SEBCO

CABLE CLAMP & SCREW ANCHOR
(PATENTED)



When used in combination with a Bridle Ring, the latter rests upon firm heel clamp, making it absolutely secure.

The Sebclo Clamp offers a compact and neat method of attaching cables to brick, stone, concrete or wooden walls and permits of cable being hung with minimum consumption of time and effort.

Write for Sample and Catalog

STAR EXPANSION BOLT COMPANY
147-149 Cedar Street NEW YORK CITY

with numerous beautiful pieces of linen to be used in her new home in Chicago. Miss Mann had been with the company several years and is well loved by a large circle of friends.

In February the Kalamazoo traffic department started a flower fund, each operator giving a certain amount each month. A committee of four was appointed to serve for a period of three months. This committee attends to the sending

At a recent fire at Alanson the main toll lead carrying the No. 8 toll circuit was somewhat damaged and would have gone down altogether but for the timely action of L. E. Foxworthy, agent for the Grand Rapids and Indiana Railroad. Mr. Foxworthy climbed the pole with pails of water and put out the flames which threatened to destroy the cross arm and pole.

the countries having government ownership fall far below that number. New Zealand is supposed to have one of the finest systems known under the government ownership. The United States has by far the greatest number of miles of telephone and telegraph lines of any country in the world. Where government ownership has been tried out the service is not as good as under private ownership nor the expense for operation as low. A message in the United States can be sent at a much lower rate under private ownership than can the same number of words in countries where the government has control of these things.

Saginaw District

Auburn exchange added forty new farm subscribers during April.

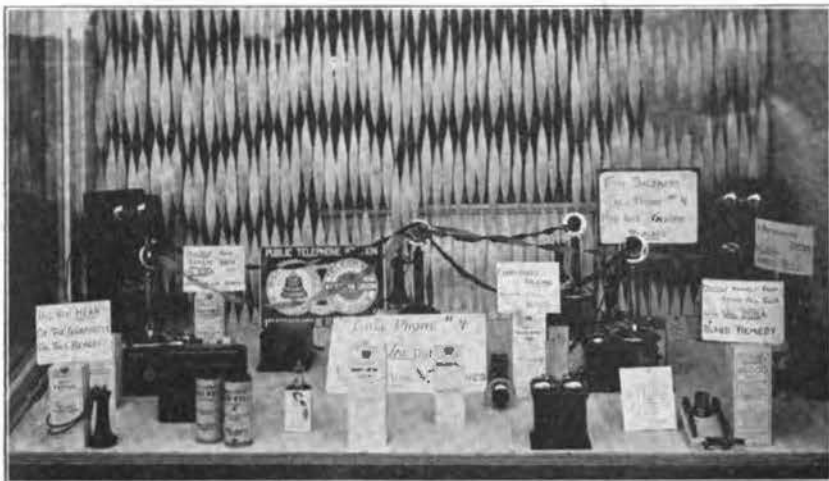
Since January 1st the following new private branch exchanges have been installed in Bay City: North American Construction Company, No. 1 board, twenty-one stations; International Mill and Lumber Company, No. 1 board, ten stations; Lewis Manufacturing Company, No. 1 board, seven stations; Robert Gage Coal Company, No. 2 intercommunicating, eight stations.

Sault Ste. Marie District

Miss Hoban, manager at Mackinac Island, recently received the following letter from a subscriber:

We wish to extend our gratitude to you for your promptness in calling aid when our house was threatened with destruction by fire yesterday. But for your valuable assistance and promptness in calling the fire department, we might have met with a heavy loss.

Operators of the Sault Ste. Marie office gave a delightful dancing party on Thursday night, April 22nd, at the I. O. O. F. Hall. A nice crowd was in attendance and the event was much enjoyed. The hall was prettily decorated in blue and white. Pennants bearing phrases in every day use at the exchange were everywhere in evidence.



ATTRACTIVE DRUG STORE WINDOW DISPLAY AT WEST BRANCH, MICH.

of flowers and calling on the operators who are ill. Ten operators received flowers during February and March.

Elizabeth Moreland, senior supervisor at Kalamazoo, has returned, after ten days' absence from duty caused by a sprained ankle.

A birthday surprise party was given Lucille Rogers at the home of Nina Sweet in Kalamazoo on March 16th. Music and cards were features of the evening and a three-course luncheon was served.

"The Gleaners" was the picture chosen by the second division of the Kalamazoo local operators, for their prize for service for the months of February and March.

The Kalamazoo local supervisors entertained as their guests E. P. Platt, A. W. Robb, Helen Hare and Chloe Herrick at a dinner and theater party Wednesday evening, April 14th.

Petokey District

On the evening of April 2nd there was held at Traverse City a toll operators' meeting. The toll force, chief operator, manager and district manager were present. April 1st brought the vanguard of the resort business in the form of installation orders.

On the evening of April 2nd, Manager Clark and Mrs. Clark, together with the entire East Jordan operating force, drove to Boyne City where a joint meeting with the Boyne City force was held at the residence of Manager Sage. Operating questions were discussed while the latter part of the evening was devoted to entertainment and an excellent lunch. This represents a return visit. In February the Boyne City force enjoyed a sleigh ride to East Jordan. Meetings of this nature have now been held at East Jordan, Boyne City, Charlevoix, and Traverse City. Their success guarantees a repetition and an extension to other exchanges.

Manager Solomon at Charlevoix has set the mark of 650 for the total number of stations during the coming summer. Manager Williams at Petokey expects to be operating 1,000 stations. Both figures include roadway stations.

R. W. Scofield, at one time manager of the Cadillac exchange, has accepted the managership of the Wexford County Telephone Company with headquarters at Mesick.

—M

Port Huron District

Margaret Woods, traveling supervisor, spent the week of March 7th at Mt. Clemens.

Margaret Haller, chief operator at the Mt. Clemens exchange, has been confined to her home by illness.

The Organized Men's Bible Class of the Marlette Methodist Episcopal church debated with the Men's Baraca class of the First Methodist



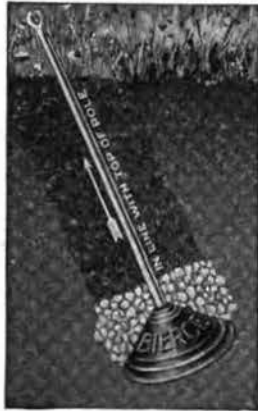
DANCING PARTY AT SAULT STE. MARIE.

Episcopal church on March 30th. The debate was on the question of the government ownership of telephone and telegraph lines. The negative, as represented by the Marlette debaters, won. The following were a few of the points made: That regulation of the present system should be tried, if there are flaws in the system, before making a radical change. The United States has nine telephones per every one hundred population, while

such as "Number, Please," "Line is Busy," "I'll Ring Them Again," "The Line is Out of Order," etc. Large blue bells formed a part of the decorations. A substantial luncheon was served. The receipts will materially increase the vacation fund. The committee in charge was as follows: Decoration, Alice Arnott; reception, Hazel Cennell; refreshments, Myrtle Crebo; tickets, Eunice Campbell.

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That's the name to remember when you make out your next requisition for anchors. They have been standardized by the A. T. & T. Co.



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Your Jobber has them. Ask him

If you want the greatest efficiency together with the greatest economy this is the anchor to use. It is simple and easy to install and will hold more than any anchor made. Let us prove it to you.

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No. 11
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Tank made of heavy galvanized steel and
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No cast ring on bottom of tank to break.
Hood locks on firmly and will not fall off,
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Brass pump has seven inch stroke and no
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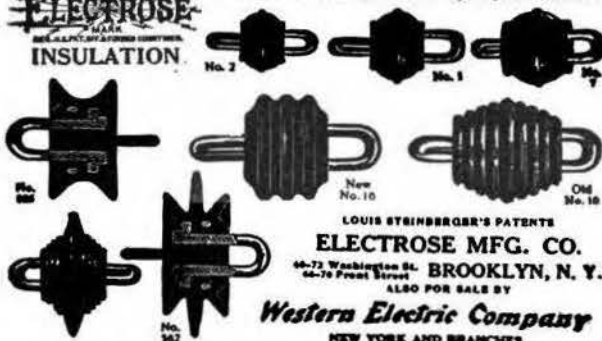
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YOU'RE WASTING TIME If You Haven't Started Using FRANKEL'S TEST CLIPS

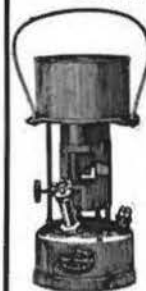
No peeling the wires. Permanent, positive connection every time and no damaged wires to repair.



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| 100 " | 11 |
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Largest Stocks
Finest Quality
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Yards from Maine
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When you want a Lock
you want the best.

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that lasts
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"Thomas Quality" Porcelain Insulators

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The Light Construction Anchor with the BIG value.



Made from High Carbon Steel with **FLUKE** 4 x 12 inches.


The **ONE DOLLAR** Anchor. Drives **EASY** Holds **Hard**.

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NATIONAL

Double Tube Copper Connectors

are accurately made. They give less trouble and longer service than other types.



National Signifies Quality in Connectors.

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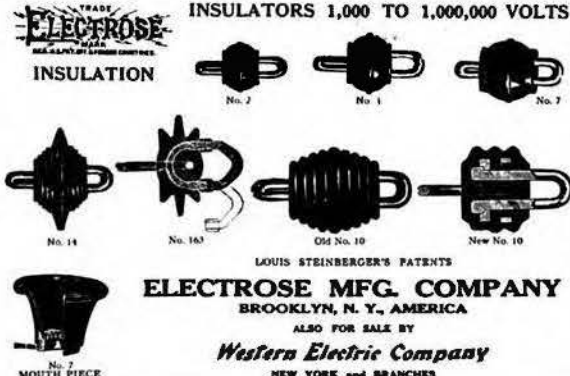


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