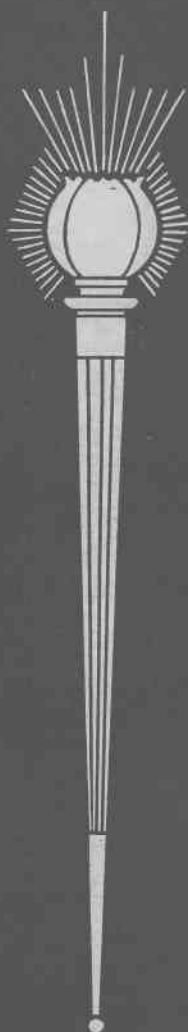
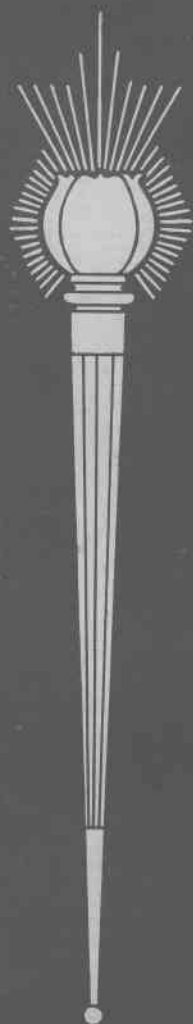


GAS AND ELECTRIC NEWS



Success

Comes in
Cans

Failures

In Can'ts

NOVEMBER, 1913

Published monthly by the
ROCHESTER RAILWAY AND LIGHT CO.

ROCHESTER, N. Y.

For the Information of Its Employees

GAS AND ELECTRIC NEWS

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Vol. 2

NOVEMBER, 1913

No. 7

Church Illumination

By F. C. TAYLOR



In church illumination, emphasis should be laid on two points: The type of illumination selected should be such as to bring out the architectural features of the church and should be such, also, that no one in the audience suffers any in-

convenience from the lights. It has been suggested that the reason that men are more liable than women to fall asleep in churches is that women wear hats in church, which protect their eyes to some extent from the glaring light from incorrectly located lamps.

Christ Church and the German Evangelical Salem Church have re-



Fig. 1. Christ Church with new illuminations at night.

cently installed new systems of illumination in accordance with plans which were made under the direction of our Mr. John C. Parker. In Christ Church, the main body of the church is lighted by 200-candle-power Mazdas equipped with steel shades placed in front of the columns and about 24 feet from the floor. The lamps are so placed that they are out of the range of vision of the congregation.

from the other, the carving is brought into relief by the shadows which are cast.

It has been found that a dimmer may render more effective certain portions of the Episcopal Church service. During the sermon the lights are dimmed slightly and a strong light is thrown on the preacher from a lamp concealed on the arch. By this means, the attention of the congregation is drawn to



Fig. 2. German Evangelical Salem Church showing new illuminations at night.

In order to illuminate the altar, lamps are placed in trough reflectors on either side and are concealed by the arch. To bring out the beautiful carving on the altar, it is necessary to have a certain amount of light and shade. A white object does not appear to advantage against a white background, because there is no contrast. In such a case the carving would look flat. By arranging the lamps so that twice as much light comes from one side as

the minister. It is also very effective if the lights are dimmed at the beginning of the Processional and gradually brought up to full strength as the choir approaches the altar. Again in the Recessional, as the choir marches out, the music gradually dies away and the lights are slowly dimmed.

In the German Evangelical Salem Church, the Indirect System was used. In this system, the lamps equipped with silvered reflectors are

placed in plaster bowls suspended from the ceiling. The light is directed at the ceiling, by which it is

contains six 250-watt lamps, a total of twelve hundred candle-power. The light reflected from the ceiling

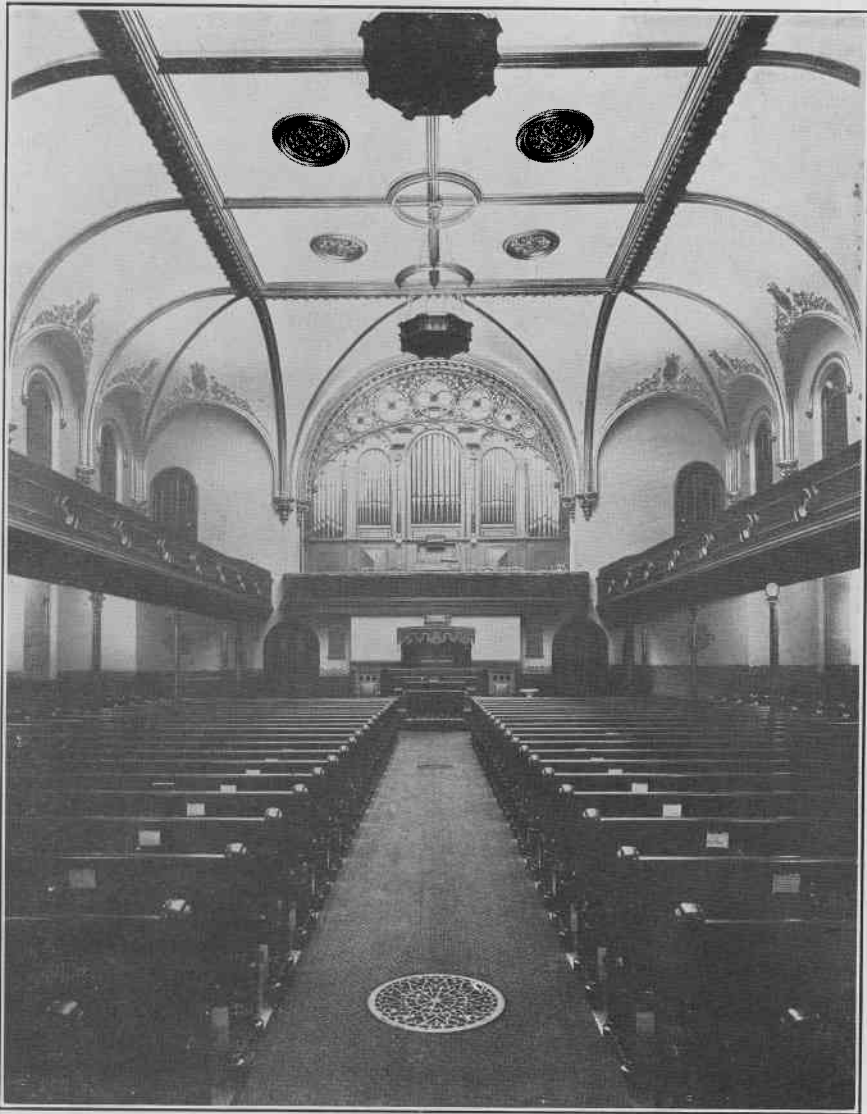


Fig. 3. Another night view of German Evangelical Salem Church showing beautiful effect of new lighting system.

reflected down upon the floor of the church. It will be noted in Fig. 2 that three large units are used, each of which is five feet in diameter and

and walls is slightly reddish yellow in color and is very pleasing to the eye.

Under the balcony and in the ves-

tibule, lamps enclosed in Alba hemispheres of cream colored glassware, which soften and diffuse the light, are placed close to the ceiling. A large memorial window is brilliantly illuminated by lamps placed on the arch at the rear of the church. To light the organ and to bring out the details of the decorative woodwork above it, the arch is lined with a series of Mazda lamps.

It might be interesting to mention a few of the details: A signal lamp is placed near the organist, by which the minister may give him the necessary signals. Provision is also made to render the foot pedals visible to the organist. The music rack is lighted by a specially designed reflector placed behind the mirror and entirely concealed by it. Another

reflector is attached to the reading desk, and was designed to be as inconspicuous as possible and apparently to form an integral part of the desk. A dimmer is located in the pulpit, and may be controlled by the minister, since the handle is readily accessible.

These photographs were taken at night by our staff photographer, Mr. Rockwood.

In Christ Church, the new installation displaced several hundred gas jets, placed on the columns. In Salem Church, numbers of electric lights were placed around the church. In both cases with the old systems, bright lights were placed directly in the range of vision of those in the audience.

The Little White Hearse

By James Whitcomb Riley.

As the little white hearse went glimmering by—

The man on the coal-cart jerked his lines,

And smutted the lid of either eye,

And turned and stared at the business-signs,

And the street-car driver stopped and beat

His hands on his shoulders and gazed up street

Till his eye on the long track reached the sky—

As the little white hearse went glimmering by.

As the little white hearse went glimmering by—

A stranger petted a ragged child In the crowded walk, and she knew not why;

But he gave her a coin for the way she smiled.

And a bootblack thrilled with a pleasure strange

As a customer put back his change, With a kindly hand and a grateful sigh—

As the little white hearse went glimmering by—

As the little white hearse went glimmering by—

A man looked out of a window dim,

And his cheeks were wet and his heart was dry,

For a dead child even was dear to him!

And he thought of his empty life and said:

"Loveless alive, and loveless dead, Nor wife nor child in earth or sky!"

As the little white hearse went glimmering by.

Those Were the Happy Days



"Where Did They Get Those Hats?"

Employees of Edison Electrical Illuminating Company starting on a Tally-Ho ride in 1891, which was before the consolidation of the local gas and electric companies. Practically all the company's employees made the trip with the exception of three or four who remained to look after the stations. There were no electric vehicles in those days, but it will be noticed in the picture that there was a string of electric lights back of the driver's seat. These were illuminated from a storage battery in the bottom of the machine.

So far as is known all who took part in that Tally-Ho ride are alive and well to-day. In the group above are seen Messrs. Yawger and Pratt, who are sitting in the center on the second seat. Can you recognize them?

An Innovation in the Engineering Department

By IVAAR LUNDGAARD



The industrial division of the Engineering Department has inaugurated a committee system, the purpose of which is conservation of the knowledge and experiences accumulated in the department, and to collect and record the progress made in the engineering arts generally. With the growth of this department from a one-man affair to a membership of twenty men, it has become necessary to change its methods and adapt its organization to the growing demands. In order that the department may be operated at its maximum efficiency, it is absolutely essential that its business be so conducted that each engineer may receive the full benefit of the experiences and work of all the other engineers. All experience must, of course, be paid for, but it is waste to pay more than once for the same experience. It is only by the aid of system that individual experiences may be made available for the entire organization.

The department's committee system requires a great deal of work, and time must be set aside accordingly, but the time used will surely be a great saving if it eliminates duplication of effort in the future. The old saying is that "A stitch in time saves nine." When the committee on illumination, for example, has made available for our use descriptions of existing installations suited to a variety of conditions and requirements, and then put itself in a position to give us information in regard to new developments in the art of illumination, we can surely

attack any new problem with greater facility and be more certain that our designs will accomplish the desired result.

The campaign for new business demands that we be able to show a prospective customer that we have successfully met and solved his particular or similar problems in the past, and it will be an important part of the work of our engineering committees to furnish data to prove our claims. When the committee on refrigeration reports that we have already connected to our lines 35 electrically operated refrigerating plants, aggregating 670 tons of refrigerating capacity per day, any prospective user of refrigerating machinery will be impressed with the fact that we are not promoting a "blue sky" proposition. When the private plant committee shows that we are serving power customers varying in size from a fraction of a horsepower to such very large concerns as the Bausch and Lomb Optical Company and the Eastman Kodak Company, the man contemplating buying our power will feel that such purchase has met the approval of business men in almost all phases of industrial activity.

The Engineering Department has a general meeting every Wednesday morning at 8 o'clock. One or two of the department committees report at every meeting and the reports are discussed. If approved by the meeting, they are placed on file and the file is comprehensively indexed, so that the data contained therein is instantly available whenever desired.

One committee is assigned the task of editing and condensing the reports of the other committees for the

purpose of incorporating them into a data book, which when complete will be placed in the hands of every member of the department for his assistance and guidance in the work of securing new business. This data book will contain references to interesting installations, statistical data in regard to the Company, its sources of power, methods of distribution, and the varied uses to which electric power and gas is applied in the city. We have also on file a number of complimentary letters from consumers, and these letters

will be photographed and incorporated in the data book. The information contained in the book will put the engineer-salesman in a position to verify his arguments, both by referring to existing installations and to the approval of our service as expressed by the users themselves in the letters referred to.

Below is a list of committees and their membership. The committee member whose name appears first is the acting chairman of the committee.

Data Book.....	Messrs. Alling, Taylor, Church
New Applications of Electrical Energy....	Messrs. Stewart, Venn, Lander
Steam Distribution and Sales.....	Messrs. Wilder, Stephens, Binder
Illumination and Lamps.....	Messrs. Taylor, Stewart, Ward
Refrigeration.....	Messrs. Venn, Church, Tennant
Private Plant.....	Messrs. Wilder, Stewart, Keller
Motor Installations and Mechanical Drives..	Messrs. Alling, Keller, Wilder
Consumers' Transformer, Protective and Meter Installations	
.....	Messrs. Venn, Burch, Alling
Electric Heating.....	Messrs. Keller, Lander, Rissberger
Contractors' Equipment.....	Messrs. Stewart, Seel, Woods
Industrial Gas.....	Messrs. Lander, Binder, Tennant
Electric Vehicles and Garage.....	Messrs. Burch, Taylor, Seel
Rates	Messrs. Deffenbaugh, Woods
Electricity on the Farm.....	Mr. E. H. Fisher

The men who put big things across are men who work. They may be talented, but often they are not. They may have opportunity—more often they make it. But invariably, incessantly—they WORK!

A clever old bird is the pelican,
Whose bill will hold more than his
belican;

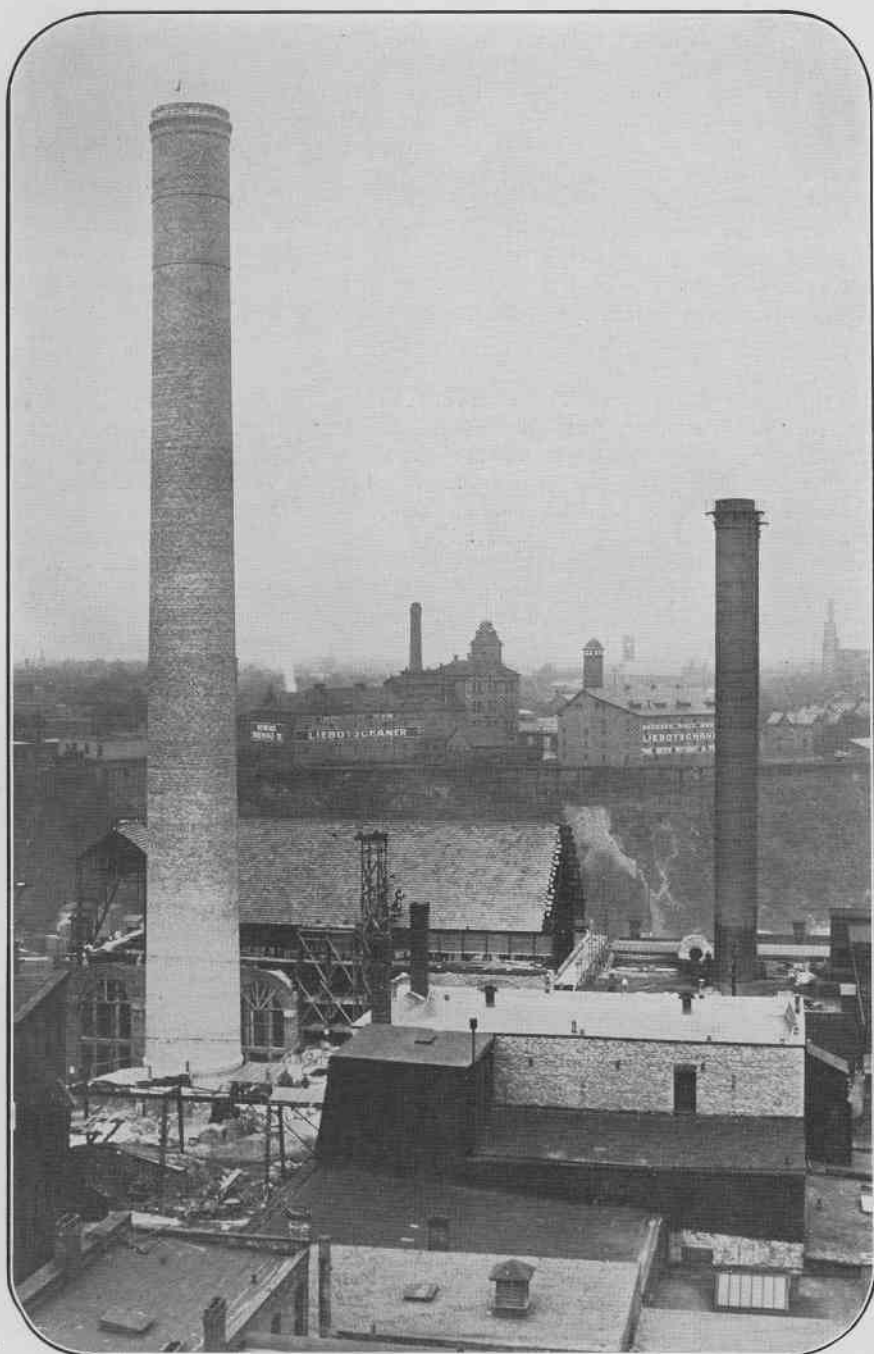
He can keep in his beak
Enough food for a week,
And derved if I see how the helican.

It's a short lane that isn't tainted
with gasoline.

It is natural for some women to
act unnatural.

SPECIALIZE. It is infinitely better to know everything about one thing than a little about everything. The specialist is ten times more in demand than the handy man. Generally he draws an income and the other fellow draws wages.

Our New Chimney



New chimney at No. 3 Station, 265 feet high, diameter 30 feet. Old chimneys seen on right. New boiler house in rear of chimney on left. Photograph by Mr. Rockwood, taken from sixth floor of Eastman Camera Works.

At No. 3 Station



August Luna, one of company's veteran employees, laying last brick on top of big chimney.



View from top of chimney, showing new sixteen story Eastman office building.
Spire of St. Patrick's Cathedral on left.



Group of workmen standing on platform at top of chimney. Engineer De Wolff in center at rear. Engineer Powell last man on right.

Facts About the Fly

The following questions and answers were prepared by the Indiana State Board of Health and have been widely copied:

1. Where is the fly born? In manure and filth.

2. Where does the fly live? In every kind of filth.

3. Is anything too filthy for the fly to eat? No.

4. (a) Where does he go when he leaves the surface closet, the manure pile and the spittoon? Into the kitchen and dining room.

(b) What does he do there? He walks on the bread, fruit and vegetables. He wipes his feet on the butter and bathes in the milk.

5. Does the fly visit the patient, sick with typhoid fever, consumption and cholera infantum? He does—and he may call on you next.

6. Is the fly dangerous? He is man's worst pest and more danger-

ous than wild beasts or rattlesnakes.

7. What disease does the fly carry? He carries typhoid fever, consumption and summer complaint. How? On his wings and hairy feet. What is his correct name? Typhoid fly.

8. Did he ever kill any one? He killed more American soldiers in the Spanish-American war than did the bullets of the Spaniards.

9. Where are the greatest number of cases of typhoid fever, consumption and summer complaint? Where there are the most flies.

10. Where are the most flies? Where there is the most filth.

11. Why should we kill the fly? Because he may kill us.

12. When shall we kill the fly? Kill him before he gets wings—kill him when he is a maggot in the manure pile—kill him while he is in the egg state.



THE THREE PIPE DREAMERS

WITH A TOAST TO THE PIPE



Messrs. Marquadt, Deffenbaugh and Lundgaard snapped while the trio were in the woods on vacation.

**Here's to the pipe
Whether sweet or o'er ripe,
It is ever a friend in our need,
It will give to a picture
The sole human touch
When the subjects have
quite gone to seed.**



EDITORIAL

BECOME EXPERT

Some years ago a young man went seeking a position in New York. Armed with a score of letters of introduction, he presented himself before a prominent railroad man. "What can you do? Have you any specialty?" he was asked. "I can do almost anything," he answered. "Well," remarked the railroad official, "I have no use here for any one who can almost do anything. I prefer a man who can actually do one thing thoroughly."

The world is full of people to-day who never do anything to a finish. "I almost did it" is the common excuse for many a task improperly or half completed. "If a man can write a better book, or make a better mousetrap than his neighbor," wrote Emerson, "though he build his house in the woods, the world will make a beaten path to his door." The business and industrial world of to-day is teeming with opportunities for men who can do one thing well. Therefore, become a proficient expert in your own particular work. Do your very best in all that passes through your hands. Stamp

your work with your own originality and individuality. Let superiority be your personal mark; let it characterize all that you do.

Study your work; think how you may do it better. There are in our own great organization a multitude of opportunities to the man who thinks to improve—even to invent. In all of the Company's stations and workshops there are scores of machines, labor and life-saving devices and tools, which, if improved a step further and patented, would render a greater service to humanity and give to the originators a secure competence for life. For instance, **THE MAN WHO CAN ROB HIGH POWER TENSION LINES OF THEIR PRESENT DANGERS WILL SEND HIS NAME DOWN IN HISTORY. SOME DAY SOME ONE MAN WILL ACCOMPLISH THIS.**

The world is still making beaten paths to the doorsteps of men who can do their work well—men who go beneath the surface of their labors and improve, even invent, better methods.

Edison says genius is 2 per cent inspiration and 98 per cent perspiration.

Accuracy and Success

That small leaks cause big losses in every business organization is made evident by the statement of a prominent business man in the West, who declared some time ago, that the neglect, waste and blunders of thousands of careless employees cost Chicago one million dollars a day. Imagine a city with the wonderful business enterprise of Chicago losing 365 millions of dollars each year through the countless little acts of carelessness and habits of blundering of employees in the offices, stores, workshops and factories of that city.

It has been estimated by a partner in one of John Wanamaker's big stores that unnecessary errors and blunders cost that firm twenty-five thousand dollars a year. The Dead Letter Department of the Post Office in Washington received in one year seven million pieces of undelivered mail. Of this vast quantity nearly one hundred thousand had no addresses whatever, and much of this mail was from business houses. In every line of industry throughout the country millions and millions of

dollars are lost each year because of employees who are either careless or wasteful.

Every moment of time lost in each working day contributes to the great loss which must be figured up at the end of the year. Shirking one's work, or performing it indifferently or without ambition, also adds to the loss. **MANY A YOUNG MAN FAILS TO GET RECOGNITION AND SUCCESS IN HIS WORK JUST BECAUSE OF HABITS OF INDIFFERENCE, LAZINESS, NEGLIGENCE, AND THE INABILITY TO BE ACCURATE.** The young man who throws his whole heart into his work, who is accurate, careful, and who can be depended upon to do his work without blundering or waste, he is a valuable asset in any business. Each day's toil brings such a young man higher in the estimation of his superiors and a step nearer deserved advancement. Carefulness, accuracy, and attention to small details eliminate small leaks and prevent big losses.

A Rare Disease

Enthusiasm is one of the rarest yet most virulent diseases to be found (in connection with business) to-day.

Enthusiasm is the only disease in its class in that one must be in good health and spirits to become afflicted, and unlike other diseases, should be sought for rather than shunned.

The symptoms of enthusiasm are very noticeable in the victim's appearance and actions, and frequently manifest themselves by distortion of the facial muscles which somewhat resemble a smile, by quick, eager, elastic and purpose-meaning movements, and a general appearance of not being afraid of even the devil.—Tabasco.

GENERAL SAFETY

Herman Russell, Chairman

John C. Parker

Thomas H. Yawger

H. P. Gould



**HELP
US PREVENT
ACCIDENTS**

J. W. Morphy, Adjuster

Frank Hellen

Victor T. Noonan, Secretary

COMMITTEE

Brief Comments

If you are injured, no matter how little, tell your foreman about it right away and go to the doctor. A slight injury may cause blood poison.

Never work on a crane, table or other machinery until you have notified the operator and attached a danger sign, bearing your name, at the point where the power is turned on.

When you complete a job, NEVER leave tools or material lying overhead. Tear down all temporary scaffolds as soon as you are through with them. Do not allow boards with nails sticking up to lie around anywhere.

REMEMBER the rule: When in doubt, take the safe course.

You are warned against touching wires of any kind, as it may result in death. Before doing any work where there is danger of coming in contact with electric wires wear your rubber gloves.

Do not fool with compressed air. Never blow it on anyone; it may enter his body and kill him.

REMEMBER that while every man is hired to do some particular work, the safety of himself and his fellow men is more important than that work.

Remember to be careful under all circumstances. Keep in mind at all times the necessity for care. It is so, one disciplines himself. When caution becomes a habit there will be fewer accidents.

Be cautious and alert at all times and under all conditions. When caution becomes a habit there will be less danger for all.

After repairing machinery, always replace safeguards before leaving the job.

Know the special rules covering your work, and the general rules, and the rules in the department in which you work; and always report to your foreman anything you think may cause an accident.

Do not pile material so high that it is liable to fall.

Vigilance and watchfulness promote safety. To avoid danger, adopt the safe course. Employees must not trust to the care exercised by another when their own safety is involved.

Do not go up or down a ladder without the free use of both hands. If material has to be handled, use a rope. In placing a ladder where it is liable to slip, have someone hold it.

Remember never to move a truck or set in motion any machinery until you are sure that no one is in the way.

Every employe should report promptly to his foreman any defect affecting the safety of any employe.

Wear goggles when testing bulbs or lamps.

Be careful when throwing tools or ropes from poles. Line foremen should see that pedestrians on the sidewalk are not injured.

Too Many Minor Accidents

During the past month there have been too many minor accidents, the majority of them of the preventable kind. Foremen and employees will please exercise more thought and greater care, as these small accidents are being strictly investigated with a view to eliminating the causes of such accidents. Be more than careful, boys. The careful habit is your first duty in this Company. Carelessness, recklessness, and "taking chances" will not be permitted in any department.

Ferdinand C. Schwedtman, Vice-President of the Racine Sattley Company, Springfield, Ill., and chairman of the Safety Committee of the National Association of Manufacturers, has included Mr. Noonan among the list of safety lecturers in the National Association.

REMEMBER that at all times some of your fellow workers are inexperienced and may not know where danger exists. **WARN** any man when danger is near. He may know all about it. If so, no harm is done. If not, you may save his life. **YOU** have a moral obligation to co-operate in our safety work.

What the Chart Shows

R. R. & L. CO.

ACCIDENT REPORT. FOR JULY, AUG., SEPT. 1913

DEPT.	NO. OF MEN	MONTHS	0	2	4	6	8	10	12	TOT. 3 Mo.	TOTAL %
STA. 3 CONST.	88	JULY AUG. SEPT.								13	14.77
SPEC. CONST.	122	JULY AUG. SEPT.								10	8.20
GAS SHOP	82	JULY AUG. SEPT.								8	9.76
GAS STREET	234	JULY AUG. SEPT.								7	2.99
STATIONS	125	JULY AUG. SEPT.								7	5.60
LINE	65	JULY AUG. SEPT.								7	10.77
OFFICES	318	JULY AUG. SEPT.								6	1.89
UNDERGROUND	40	JULY AUG. SEPT.								5	12.50
SUBWAY	98	JULY AUG. SEPT.								5	5.10
TRANSPORT'N	18	JULY AUG. SEPT.								4	22.22
ARC LAMP-METER	85	JULY AUG. SEPT.								3	3.53
GAS WORKS	108	JULY AUG. SEPT.								2	1.85
CANANDAIGUA	25	JULY AUG. SEPT.								1	4.
E. ROCHESTER	12	JULY AUG. SEPT.								2	16.66
CONCRETE POLE YARD	10	JULY AUG. SEPT.								2	20.
		JULY AUG. SEPT.									
TOTAL	1430									82	5.73

In last accident report there were noted 95 accidents in 12 departments, employees 1,369.

Above report covers 15 departments with 82 accidents, 1,430 employees. Increase employees 61, decrease accidents 13.

Notice that during the three months nine departments reached zero mark. With an increase of 61 employees there was a decrease of 13 accidents compared with previous three months. Each one of these 13 accidents eliminated might have been a serious or fatal accident.

Opens Safety Campaign in Ohio

On October 28th Mr. Noonan gave a talk on "Enthusiasm in Safety Work" to the superintendents and foremen of the Goodyear Rubber Company, Akron, Ohio. Dinner was served, and the Goodyear orchestra played. President F. A. Seiberling presided and brief addresses were made by General Manager P. W. Litchfield and Assistant Manager C. R. Johnson.

According to the Goodyear officials "the meeting was a tremendous success." Now that the movement is launched we hope to hear the very best reports from our fellow workers in the Goodyear organization.

Empire State Safety Committee

The Executive Committee of the Empire State Gas and Electric Association has appointed the following new safety committee for work in behalf of the association throughout the state: W. P. Strickland, New York and Queens Electric Light and Power Company; Henry Flood, Central Hudson Gas and Electric Company; W. L. Bruce, Westchester Lighting Company; A. T. O'Neill, Syracuse Lighting Company, and Victor T. Noonan, Rochester Railway and Light Company.

Always Think of "Safety First"

We are having too many accidents with street cars. Valuable time is lost, unnecessary suffering caused and property wasted.

"Accidents" can and must be avoided. They need not happen. The best drivers do not have them. To think "SAFETY FIRST" is becoming a habit in these United States, and the man who does not so think is behind the times.

When possible, drive on streets where there are no cars. Drive between track and gutter whenever possible. When you must drive on tracks, do so for shortest distance possible, and pull out at once for cars.

Cars cannot pull out. They are confined to the tracks. They must run faster than you do. They cannot stop as quickly.

You are delayed only a short time by letting a car go by. Driving on the track or pulling across in front of car is dangerous and delays many people.

Don't pull on the track without being sure that no car is near. If it is, Let IT GO BY FIRST.

Motormen are human and working for a living, too. They have to run by a time table, and if obliged to slow up or stop often, cannot run on time.

Cars are seldom broken. Wagons often are.

Cars do not suffer pain, drivers and horses do. Money cannot pay for pain, and when an "accident" could have been avoided by care on the part of our driver, there is no money due him. Think of "SAFETY FIRST."

Act as you would want the driver to act if you were a motorman.

Notice the kind of driver that does not help the other fellow. Notice the kind of a rig he drives. He is not your kind. His rig is not as good as yours. He cannot think of "SAFETY FIRST." Does he, can he, think at all? He is not good enough to hold your job.

Keep off the track. Pull up and let the car go by. Save time, property, suffering, perhaps life.

—Fairfield Dairy Company, New Jersey.

N. E. L. A. Safety Committee

President McCall, of the National Electric Light Association, has appointed the following new safety committee: Martin J. Insull, Chairman, Middle West Utilities Co., Chicago, Ill.; Charles B. Scott, Secretary, Middle West Utilities Co., Chicago, Ill.; Sidney W. Ashe, General Electric Co., Pittsfield, Mass.; Alexander Taylor, Westinghouse Co., Pittsburg, Pa.; J. B. Douglas, United Gas Imp. Co., Philadelphia, Pa.; H. W. Moses, Boston-Edison Co., Boston, Mass.; H. L. Lucas, Philadelphia Electric Co., Philadelphia, Pa.; T. A. Kenney, Commercial Power Co., Jackson, Mich.; Victor T. Noonan, Rochester Railway and Light Co., Rochester, N. Y.; Dr. E. B. Rosa, U. S. Bureau of Standards, Washington, D. C.

The committee will meet shortly and consider plans for a national safety campaign in the N. E. L. A.

That Friendly Hand

When a man ain't got a cent.

And he's feeling kind of blue,
And the clouds hang dark an' heavy,
An' won't let the sunshine through,
It's a great thing, O my brethren,

For a feller just to lay
His hand upon your shoulder
In a friendly sort o' way.

It makes a man feel curious,

It makes the tear-drops start,
An' you sort o' feel a flutter
In the region of the heart;

You can look up and meet his eyes;
You don't know what to say
When his hand is on your shoulder
In a friendly sort o' way.

Oh, the world's a curious compound,

With its honey and its gall,
With its cares and bitter crosses—
But a good world after all.

And a good God must have made it—
Leastways, that is what I say
When a hand is on my shoulder
In a friendly sort o' way.

—James Whitcomb Riley.

A warm friend is one who is willing to divide his cold cash with us.

I Want Room

I want room so I can go out in my own back yard and yell and not attract attention nor the police. There are other essentials: a fireplace—no lares and penates will roost on a radiator, and no love and inspiration breathes out of a grilled hole in the floor—I want to see wood burn. I want trees, big, scaly ones, planted before I was born and to flourish after I'm gone, yet toward which I can indulge in the fool satisfaction of owning them; a hound pup to wag his tail at me and look at me with worship; a cat to sit by the fire and look comfortable; and, when spring comes, hyacinths in the garden and fuzzy little peeping chickens around the doorstep; kittens doing somersaults; a whole ham cooked at once; a table full of my kind of folks to eat and drink with; babies; young folks sparking and sparkable; a neighbor with whom I can sit on his back porch and smoke and find fault with the universe; an enormous bathroom; slippers; no end of clean things—such as towels, napkins and tablecloths; no wall paper, only books everywhere; a den where I can be alone; to travel often enough to appreciate my own harbor.—Frank Crane.



A man without a purpose in life gets as far as a fish without a tail.

Will power is like glue—use it and you can stick to most any old thing.

To start things coming your way—go after them.

Getting a husband is an art; keeping him is a domestic problem.

A kiss in the dark may be a divine spark, or it may be a mistake.

Love based on pity is apt to come out in the laundry.

The supply of after dinner speakers always exceeds the demand.

The man who always listens for the whistle seldom hears the call of the job higher up.

The chronic kickers are the ones who never climb the ladder of success.

The luck that seems to come easiest is hard luck; in other words, hard plugging.

Some men are like hens, they must cackle over every achievement. The goose that laid the golden egg was a silent cuss.

The boss needs the man who doesn't need the boss. Get the point?

Give the old fashioned woman the lye and she will make a batch of soap.

If a man has no brains, there's nothing in his head to cause him to know it.

Orchestras in some hotel dining rooms are useful when the guests eat soup.

There are times when a man feels that he has either no friends or too many.

A woman isn't always true to her color, even when she applies it herself.

Every time a woman takes the conceit out of a man she adds to her own.

You seldom see a successful business man who boasts of being a thoroughbred.

Once in a while a man doesn't forget his old friends after acquiring wealth and fame.

The average young woman is willing to marry a brainy man if she can't do any better.

Our Company's Booth



This illustration is a general view of the Company's exhibit at the Rochester Industrial Exposition. The left end of the booth contains an electrically operated refrigerating plant; the center part is devoted to electric lamps and signs and the remainder to gas appliances. The exhibit is illuminated with three inverted luminous arc lamps placed on the new concrete posts.

The booth was in charge of Messrs. Stewart, Wallace and Schake.

At the Exposition



General view of complete electrically operated refrigerating plant at Exposition, together with several uses of mechanical refrigeration. Water was cooled in the large steel tank and supplied to the drinking fountains. Ice was made in tank shown in the center of the exhibit. The refrigerator was also cooled by the same refrigerating system.

*In
Fraternity
There
is Safety*

Employees Benevolent Association

OFFICERS

WILLIAM WHITE, President
A. H. LAMEY, Vice-President
WILLIAM T. NOLAN, Secretary
GEORGE BAILEY, Financial Secretary
THOMAS NASH, Treasurer

TRUSTEES

PATRICK O'NEILL A. D. REES
GEORGE BAILEY PATRICK MARTIN
W. J. SUTHERLAND

DIRECTOR

VICTOR T. NOONAN, Sec'y General
Safety Committee

The second regular monthly meeting of the E. B. A. was held Tuesday evening, October 7th, when President White announced that the membership had reached the 300 mark. At the next meeting it is expected the membership will run pretty close to 400. A resolution was passed requesting Mr. Noonan, our Director, to place the objects and aims of the E. B. A. before General Manager J. T. Hutchings, the resolution specifying that any action Mr. Hutchings might take for the welfare of the new organization would have the hearty approval and support of the members. The E. B. A. buttons are now on sale at 25 cents each and every member should procure one and wear it. The buttons are designed in blue and gold and are very attractive and neat. Buttons may be obtained from Secretary Nolan or from the Financial Secretaries, Messrs. Nolan and Bailey.

All employees of this Company are urged to join the E. B. A. It stands for the very best interests of all, and will be of great benefit to both present and future employees. Join now when you have a chance to become a charter member. Later new members will have to undergo a medical examination. Join now, your dollar will help swell the treasury and put the organization in good working shape. Next month we hope to have one or two important announcements that will be of important interest to all members.

At the October meeting the following scheme of benefits and regulations to be added to the Constitution were unanimously adopted by the members:

Order of Business

- a. Roll call of officers.
- b. Reading of records of last meeting.
- c. Communications.
- d. Reports of committees.
- e. Balloting for membership.
- f. Proposition for membership.
- g. Unfinished business.
- h. Sick members reported or family in distress.
- i. Appointment of committees.
- j. New business.
- k. Remarks for the good of the Association.
- l. Financial Secretary's report and disbursements.

Benefits and Rules

1. The funds of this Association shall be held available to be applied as follows for the relief of its members and for the necessary expenses of the Association:

2. Any member who may receive an injury to his body or health, the sum of five dollars (\$5) per week, or in that proportion, for the term of sickness of ten weeks in any twelve months; provided that such sickness or disability does not proceed from dissipation or immoral conduct on his part, in which case he shall receive no benefit from the Association; and any member knowing that such injury or disability was received through dissipation, self-abuse or immoral conduct and not reporting to the proper officers, shall be liable to suspension or expulsion.

3. Any member, if taken sick or disabled when out of benefits, cannot, by payment of his arrears, become entitled to benefits during that sickness or disability.

4. Any member sick or disabled must report to the Secretary within four days after receiving such injury.

5. For first week a benefit of \$2.50 and \$5.00 a week for the next nine weeks of sickness. No benefit to be paid for any fraction of a week.

6. Death benefit of \$50.00 with an additional assessment of 25 cents from each member will be paid by the Treasurer upon the death of any member in good standing.

7. Any member with chronic disease will be entitled to only one benefit not exceeding ten weeks during his membership.

8. The President shall have the power to investigate any case of sickness or injury to a member, and also appoint special committees to investigate on request of the Trustees.

9. Any member who shall be guilty of improper conduct or shall maliciously bring charges against a member, which he is unable to prove, or shall knowingly propose any person of unworthy character for membership shall subject himself to fine, suspension, or expulsion, according to the enormity of the offence.

10. Any charge or charges that may be preferred against a member shall be referred to a committee of three, whose duty it shall be to investigate and report at the next meeting. Every vote taken upon the subject of membership, or of the innocence, guilt or punishment of any member, shall be by ballot. The case of any member reported intoxicated while on duty or feigning sickness with a view of abusing the benevolent intentions of the Association shall be investigated by the Board of Trustees, and upon their recommendation the Association shall take such action as it may deem proper.

11. If any member shall disregard the authority of the presiding officer at any meeting by persisting in using any improper language or conducting himself in an improper manner, the Association shall have power to inflict on him such penalty as it may judge the nature of the offence demands. All fines must be paid within thirty days, and if not paid will be brought before the Association for final action.

12. Any member whose employment shall be terminated with a termination blank sent to the pay roll department shall also cease to be a member of this organization, although if re-employed within three months the enrollment fee shall be omitted and he shall at once be entitled to benefits.

13. To change, alter or mend these By-laws shall require notice in writing to be given and read in open meeting at least one meeting prior to voting on same and a two-thirds vote shall be necessary to carry such motion and make amends, changes or alterations, and the same shall not be valid in full force until approved by the Board of Trustees and officers.

ELECTRIC DEPARTMENT



The boys at No. 3 had a fine clam bake one day last month. It was held in the new boiler house. Foreman Pat. O'Neill reports "a corking good time."

Most of the men at No. 3 have joined the E. B. A., which indicates that they are not slow to recognize a good thing.

All Company members, particularly young men, should make an effort to be present at all the monthly meetings of the N. E. L. A. The talks and discussions are mighty instructive.

Mr. Hutchings was one of the speakers at the New York State Waterways Association in Albany last month. His subject was: "Six Years Experience of Public Service Corporations Under State Regulations."

Most of the construction work which has been going on all year is rapidly nearing completion. The big chimney at No. 3 is already finished. It is easily visible from State Street and the Four Corners. We had an invitation to be hauled to the top of the big structure in a bucket, but at the appointed hour we had another engagement. Our friends at No. 3 will understand.

Since the E. B. A. was organized less than three months ago, nearly five hundred employees (as we go to press) have enrolled as members. Show your personal interest in your fellow employees and hand in your name to your foreman. Then get an E. B. A. button. Wear it and your enthusiasm will bring in new members.

To those who have joined, we say splendid work, boys! With your help our E. B. A. is going to become a magnificent organization for the good of all.

Arnold Gassman, a sixteen-year-old milk boy, performed a very commendable act one morning last month. While driving over his route he found a fallen live wire. Taking his lantern, the boy, after notifying the line department, stood guard over the dangerous wire until the linemen came to repair it.

A few days afterward the young man received a personal letter from Mr. Russell, thanking him in the name of the Company, and enclosing a check in payment for his time and trouble. If more people imitated the example of Arnold Gassman in looking out for the safety of others there would be fewer accidents to-day. Well done, Arnold! You will make your mark in life yet.

The man who delivers the goods can have anything he wants.



Mr. and Mrs. Spears have moved into their new home at 491 Hawley Street.

Foreman James Fahy will move into his new home this month.

Miss Ada Geen is much interested in Eleventh Ward politics. Just another little romance, that's all.

Miss Margaret Coleman is wearing a very stunning new waist trimmed with blue embroidery.

Charlie Wagoner's pup made away with Will Skuse's leggings the other day. When recovered they were much masticated.

Ray Gould has been pheasant hunting without success. Take more salt along next time, Ray.

Foreman Tommy Nash, of the Transportation Department, and Laurie Pierce, of the Line Department, attended the world's series during their vacation.

Mrs. Crane, mother of Eddie Crane, of the Gas Street Department, died October 11th. We extend our deepest sympathy to Eddie in his great loss.

Since Sister's Been to College

Since sister's been to college,
 'Twould set your brain on fire
 To listen to the knowledge
 She's managed to acquire.

She talks right up consarnin'
 Her school, just like a book,
 But still, with all her larnin',
 She don't know how to cook.

She's pretty strong on science,
 And she can operate
 Most any known appliance
 Invented up to date.

The folks admire her mainly,
 But dad began to knock
 When she informed him plainly
 She couldn't darn a sock.

She's long on conversations
 About the ancient Greeks,
 And humbles the relations
 Most every time she speaks.

Her talk is very witty
 With repartee that takes,
 But dad says it's a pity
 She can't make buckwheat cakes.

It's fifteen years or better
 Since she came home from school,
 And all the boys have met her
 And liked her, as a rule;
 But still there's nothin' doin',
 And dad has one regret
 That keeps him always stewin',
 No, sis ain't married yet.



This page is for personals. If you wish to see it filled each month, send us little personal news items. You know all that is going on—we don't.

A Card of Thanks to the E. B. A.

Mr. F. W. Asart and family extend to the Employees' Benevolent Association their grateful appreciation of much kindness and sympathy shown in their recent bereavement, September 20, 1913.

Cupid Busy

Cupid has been very busy among our ranks this past month, the following having entered into matrimonial bliss: Charles Morehouse, Charles Ayers, Florence Dodson and L. W. Layman.

On September 4th Edward Hoffman, stock-keeper at Gas Works, was married to Miss Lilly Shipzan. Mr. and Mrs. Hoffman are now at home at 12 Rosner Place.

Robert A. King, of General Offices, was united in marriage to Miss Christina Lapshorn, of New York City, October 1st.

To all these happy couples we offer our best wishes for a bright and prosperous future.

Mr. Hutchings Honored

At the annual meeting of the Empire State Gas and Electric Association, held October 3d, in New York, Mr. Hutchings was unanimously elected President of the association for the coming year.

To President Hutchings we offer our best congratulations, confident that he will do credit to himself and our organization in his new office.

Here's to the red of the holly berry,
And here's to its leaf so green;
And here's to the lips that are just
as red,
And the fellow who's not so
green.

The good priest had come to his parishioner after the funeral of the latter's mother-in-law to express condolences. "And what complaint was it, Pat," he asked sympathetically, "that carried the old lady off?" "Kumplaint, did ye ask, father?" answered Pat. "Thir wuz no kumplaint. Everybody wuz satisfied."

A man who is constantly traveling over the same railroad had become well acquainted with the porters of the sleeping cars. On a recent trip he hailed his porter exuberantly, and said: "Hello, Matthew! I have some good news for you. We've had a birth in our family since I saw you—twins." Matthew grinned. "Well, sah, "he said, "I would not call dat no birth, sah. Dat am a section, sah."

Go after the highest job in your own business. Every office boy ought to make up his mind to be the president of the corporation or the head of his firm.



AMONG OUR EXCHANGES

After Office Hours

Even after office hours employees should seek to promote the interests of the Company and its customers, reporting matters of Company service which they observe need attention, and answering criticisms, complaints, and requests for information, or making note of them and referring to the proper department.—Edison Round Table, Chicago.

The Cashier

The cashier has an excellent opportunity to impress upon the public the efficiency of the gas company. If consumers find efficiency there, they will be more prone to believe it exists in other departments. It is natural for us to judge the whole by the part. He is in a position to impress them with the fact that the company is both willing and anxious to serve them reasonably and promptly. In no position in the office is personality more productive of results, and in the cultivation of his own powers he will be advancing the interests of the company toward the goal of efficient and satisfactory service and the establishment of the good will of the public.—National Commercial Gas Association Bulletin, New York City.

Safety in Rochester

The Rochester Railway and Light Company has for some months past been waging a campaign for the prevention of accidents.

In fact it has not been confined to the Company alone, for other large manufacturing establishments and the civic authorities have lent their support and joined in the movement and, as one of our officials so tersely expresses it, "the results are extremely gratifying."

It is, however, from the "Gas and Electric News," the bright, newsy, and attractive bulletin of the Rochester Railway and Light Company, that we obtain a reflection of what the Company is doing in educating its employees to the real meaning of their slogan, "Help Us Prevent Accidents," which is surmounted in white letters on a red disc.—Current News, Philadelphia.

Thanks!

Regarding the comment of the Editor of the "Gas and Electric News," September issue, anent their March editorial and which "Current News" credited to the "Portland Carman," we would respectfully refer our brother of the quill to "Portland Carman," May, 1913, page 23. Thanks.—Current News, Philadelphia.

The Stenographer

In the service of this company good manners are of great importance; it is eminently proper, therefore, that young ladies should be employed in our Correspondence Department.

Woman's inspiring nature exerts a refining influence upon the written word. No matter how fretful a man is, how tempted he may be to express his strongest sentiments under great provocation, when the stenographer with her pad and pencil is seated by him ready for dictation, consciously or subconsciously his phrases are toned down, crudities of expression are polished and the letter as dictated is no less energetic, no less conclusive, but is softer in tone, gentler in phrase and more creditable to the writer and to the company.—Edison Round Table, Boston.

N. E. L. A.

The regular meeting of Company Section, of the N. E. L. A., was held in General Offices, Thursday, October 23d, about 60 members being present. The meeting was called to order by President Fisher. Mr. Fisher announced Mr. Searle was detained in New York and would be unable to give his promised talk. He, however, introduced to us Mr. Joseph E. Putnam, Assistant City Engineer, who read a paper on "Street Lighting." This was the same paper Mr. Putnam read before the Municipal Engineers at the annual convention at Wilmington, Del. It proved most interesting and instructive to all present. Following Mr. Putnam's talk, on motion by Mr. Nolan, seconded by Mr. Wallace, a unanimous vote of thanks was extended to Mr. Putnam.

Our Bowling Teams

On Thursday evening, October 9th, the members of the Engineering and Operating Departments held a four team bowling party at the Elm alleys. Twenty-four sturdy men with Captains Steinhauser, Whelan, Boyd and Stevens made the time fly on swift wings.

"Deff" was so prostrated by his one "lucky strike" of the evening and the resultant hot air that a call had to be sent in for the Pulmotor. We are glad to state that he revived very quickly thereafter.

One man had a great arm and kept practising the "shot put." We heard it was wood (the arm, of course). He made a record average of 83%. "Lundy" also entertained the party with a solo, "After the Ball." Yes, he got it, but it sure was some chase.

For the first time it was discovered they used slide rules in bowling (keep back of the foul line), but as they were no good beyond 12, no one seemed to want to take one along when they left. Mr. Church was high man, with a score of 197, and Messrs. Keller and Seel tied for sec-

ond place with 183.

Altogether a most enjoyable time was had by all and the expectations are that another meet will be held very shortly when all get over the hoarseness.

The Score

	High	Low	Aver.
Whelan	161	592	148
Wilder	159	537	134½
Wagner	136	494	123½
Keller	183	597	149½
McDowell	146	473	118¾
"Lizzie"	167	392	98
Steinhauser	179	522	130½
Alling	174	526	131½
Deffenbaugh	150	452	113
Burch	176	527	131¾
Woods	102	335	83¾
Lundgaard	122	336	84
Boyd	146	514	128½
Hall	177	478	119½
Seel	183	568	142
Davis	172	462	115½
Schotz	124	403	100¾
Schick	134	437	109¾
Stephen	149	509	127¾
Lander	136	484	121
Binder	122	431	107¾
Church	197	588	147
Ward	126	474	118½
Tennant	122	461	115¾

"Dead Game Sport" is a most expensive title.

A fresh clerk can sour lots of good trade.

A business is known by the service it offers.

Little customers are but big ones in the making.

Complicating the situation, the kicker is nearly always headstrong.

It's awfully hard for a man to keep his dead past buried.

"Mr. and Mrs. Lafe Bud have gone to the lakes on a two weeks vacation, after which Mr. Bud will take his vacation."—News Item.

Keep ahead of the game. Always be ready to fill the position next higher up. The successful soldier is always ready for his promotion in rank. You be the same.