

MUELLER RECORD



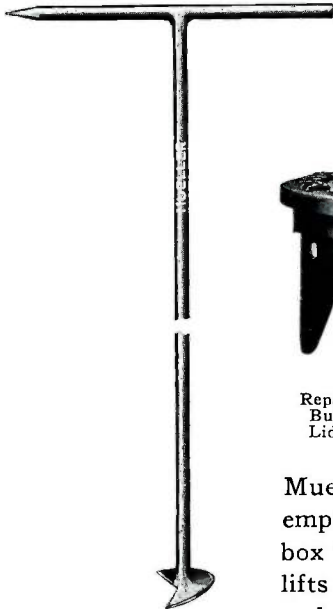
—Photo by E. H. Langdon.

AUTUMN AT MUELLER HEIGHTS

NOVEMBER 1932

Equipment You Always Use

Especially At This Time
of the Year . . .



G-10330
Mueller Service Box
Clean Out Auger



G-10373

Repair lid for new style
Buffalo Service Boxes.
Lid fits inside of shaft.



G-10374

Repair lid for old style
Buffalo Service Boxes.
Lid fits outside of shaft.

Mueller Service Box Clean Out Auger empties a clogged up Buffalo type service box with the least expenditure of effort—it lifts out the trash or cuts away frozen dirt and makes buried service stops quickly accessible.

And Mueller Service Box Repair Lids for either old or new style Buffalo boxes makes them good as new again—better than new, because a Mueller Repair Lid goes on to stay—can't be kicked off—knocked off or pried off. It takes the key to remove the lid.

These lids have saved hundreds of dollars for water works by giving a new lease of life to crippled Buffalo service boxes. They will save you money and because of their close fit, prevent future filling up of the boxes with trash.

WRITE TODAY FOR THE NEW PRICES—Prompt shipments from stock.

Trade Mark

MUELLER

Reg. U. S. Pat. Off.

MUELLER CO.

DECATUR, ILLINOIS

Branches: New York, San Francisco, Dallas



For 75 years Mueller Co. has made water works goods that give economical and satisfactory service

<p>OFFICERS ADOLPH MUELLER <i>Pres. and Gen. Mgr.</i> W. E. MUELLER <i>Executive V. P. and Treas.</i> ROBERT MUELLER <i>V. P. in Charge of Pub. Rel.</i> L. W. MUELLER <i>V. P. and Works Mgr.</i> J. W. SIMPSON <i>V. P. in Charge of Selling</i> R. H. MUELLER <i>Div. of Research and Development</i> J. W. WELLS <i>Sec. and Asst. to Pres.</i></p>	<p>MUELLER RECORD</p> <p>PUBLISHED AT DECATUR, ILLINOIS BY MUELLER CO. Plumbing, Water and Gas Brass Goods 75 Years in Business</p>	<p>MAIN FACTORY AND OFFICE Decatur, Illinois <i>Seventy-Five Years of Service to Health and Sanitation</i></p> <p>BRANCHES New York, San Francisco Dallas</p> <p>CANADIAN FACTORY MUELLER, LTD. Sarnia, Ontario</p>
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TO WIN

To write a thing that lives as enduring literature is seldom done on the spur of a moment. It is a long drawn-out task accompanied by study, research, changes and above all, patience. One reads a beautiful story, an essay, or a poem, and is wont to say, "What a fine flow of language, so smooth in expression, etc." The flow of language never flowed out in the perfect symmetry of the finished page which holds the attention of the reader. In most cases the words were dragged out one by one and pieced together, only to be discarded later for some other more suitable or expressive word. Great authors were more than writers—they were great workers.

William Cullen Bryant did not get up from a good supper and dash off that masterpiece, *Thanatopsis*, before retiring for the night. He rewrote it one hundred times.

Noah Webster had a harder task in the compilation of his first dictionary. He made an intensive study for twenty years and worked twelve hours a day for fifty years.

Bancroft's *History of the United States* has been read by thousands to their intellectual benefit and knowledge, but before these thousands could enjoy this pleasure, Bancroft had to put in twenty-six years of hard work, much of it being the drudgery of research.

One might go on and on with such a list, but the few instances suffice to prove that in all human endeavor one must work to win. He must be a slave to his task, be it writing a poem, compiling a dictionary, writing a history, or building a house.

THE DEAD END JOB

The dead end job is where a great many persons land and where they stay. That's

WEALTH

There is no wealth but life. Life, including all its powers of love, of joy, and of admiration. That country is the richest which nourishes the greatest number of noble and happy human beings; that man is richest who, having perfected the functions of his own life to the utmost, has also the widest helpful influence, both personal and by means of his possessions, over the lives of others.—John Ruskin.

where G. A. Afleck, president of the Universal Atlas Cement Co., says he would have stayed, in a story of his life published in the "American Magazine," if he hadn't learned to allow scores of things to pass like water off of a duck's back. He adds that the reason so many salesmen fail is not a fault of the head, but a fault of the hide. They were two thin skinned, taking "No" for an answer, and did not go back for the final "Yes." Persistence has made many a salesman outstanding in the business world. We personally know a salesman who called on the purchasing agent for one year, but never got nearer to him than the reception room. When he finally got through to the purchasing agent, he closed a deal for the largest single sale ever made by his company in New York. The foundation of that salesman's success was persistence. His own explanation is: "I had something to sell which I knew the purchasing agent wanted. My job was to get an audience and explain the advantages of our product."

An ounce of courtesy is worth a pound of apology.—Joseph G. Johnson.

Resolve to perform what you ought, and perform without fail what you resolve.—Franklin.

THE MUELLER RECORD

Published at Decatur, Illinois, by MUELLER CO.,
Manufacturers of Vital Spots Products for the Plumbing,
Water and Gas Industries.

C. N. WAGENSELLER, EDITOR

OUR ANNIVERSARY YEAR

The Illinois Journal of Commerce Makes
Comment on Celebration.

The "Illinois Journal of Commerce," representing the State Association of Commerce, has the following to say concerning the anniversary number of the Mueller Record:

Mueller's Celebrate 75th Anniversary

"An attractively prepared issue of the 'Mueller Record,' informative house organ published by the Mueller Co. of Decatur, features the 100th birthday of Hieronymus Mueller and the 75th anniversary of the founding of the Mueller Co., one of the leading industrial enterprises of Decatur, Illinois, and the Middle West. The issue is largely devoted to the Mueller family and to Mueller activities in Decatur. It contains an account of the exercises in commemoration of the anniversary event which were held on July 16 in the open air theater at Mueller Heights with Adolph Mueller acting as chairman. Not the least interesting in the 48-page book is the group of photographs illustrating the plants occupied by the Mueller organization beginning with the little shop in 1857 where Hieronymus Mueller began a lifetime of service. Other photographs show the immense growth which the manufacturers of plumbing fixtures, water and brass goods, have enjoyed over the long period of years. Pages 20 and 21 carry a complete chronological record covering Mueller activities for three-quarters of a century, records indicative of the courageous fight made by Mr. Mueller and his descendants to establish one of the outstanding industries of its kind in the country.

"The Mueller Co. of today is headed by Adolph Mueller, a business leader who has given a great deal of time to the work of the Decatur Association of Commerce and the Illinois Chamber of Commerce. Robert Mueller is the present vice-president in charge of public relations; W. E. Mueller is executive vice-president and treasurer; L. W. Mueller, vice-president and works manager, and R. H. Mueller, division of research and development. Mrs. Ora Mueller Blair is serving as a director while two members of the third generation, E. B. and F. H. Mueller, are already actively engaged in working up to responsible positions in the big company. Three others members of the third generation, W. E. Mueller; R. H. Mueller, and Lucien W. Mueller, are members of the board of directors.

"Illinois should be proud of this energetic

family which has so well carried on the work of the founder of the Mueller Co. They have contributed much to the industrial and civic growth of Illinois."

ORIGIN OF WORD CANDIDATE

Old Romans, When Campaigning for Office,
Wore White.

The history of words is alluring and interesting. There is the word "candidate" which has daily been on every American voter's tongue for the last six months. This is a word derived directly from Latin. In that ancient language "candidus" meant "glittering, white." When ancient Romans decided to campaign for office they wore a white toga which gave them publicity with their fellow citizens, who understood immediately that the white-robed Roman was out for an office. He was then called "Candidatus," meaning "One clothed in white." From this comes our English word "candidate." But the candidate of today does not pursue his campaign in robes of white to distinguish him from the rest of his fellowmen. If he is a wise guy he clothes himself to conform to the costumes of the particular class of people whom he is palavering with for votes. If he is out in rural districts he is apt to wear clothes of a modest and inexpensive texture and a slouch hat. In cities he is quite likely to adorn himself in glad rags of more fashionable hues.

Could This Be Reason?

White being emblematic of purity of thought and purpose, may be one reason why the modern candidate does not adorn himself with it. The word means, among other things: "free from spot or blemish; innocent; pure." You may see for yourself that it does not always harmonize with a candidate for office nowadays. We don't recall any candidate who measures up to all the attributes symbolized by white, and we are rather liberal and generous-minded at that.

WHAT'S YOUR AVERAGE?

Speaking about averages—there are hundreds of thousands of men and boys who can tell you the batting average of Babe Ruth or a host of other baseball gladiators, but do not know anything about their own averages. Perhaps they do not know how to figure it. Well, it's a simple process. Here it is. Try it.

- 00 per cent—I won't.
- 10 per cent—I can't.
- 20 per cent—I don't know how.
- 30 per cent—I doubt it.
- 40 per cent—I wish I could.
- 50 per cent—I think I might.
- 60 per cent—I might.
- 70 per cent—I think I can.
- 80 per cent—I can.
- 90 per cent—I will.
- 100 per cent—I did.

FROM THE

DECATUR HERALD

The Weather
CloudyEditorial
Page 5

52D YEAR

Decatur, Illinois, THURSDAY, OCT. 27

THREE CENTS

AS I VIEW THE THING

By S. A. TUCKER

Criticism in this Colyumn yesterday for the policy of the U. S. Steel corporation, in paying wages to unemployed capital while paying no wages to unemployed labor, probably drew snorts of scorn from certain "practical" men who may have read it.

Understanding of the principle, that there can be no prosperity until money is placed in the hands of the people who will spend it, is slow to percolate through the ranks of the practical, who control affairs. The understanding does percolate through, gradually and of late with increasing speed. Today it is our purpose to show by means of an example right here at home that the policy we would advocate for the Steel corporation, and for every other business in similar circumstances, is not visionary nor impracticable at all. It is not even a thing of the remote, utopian future. It is something that is being done now by smart business men, who happen to have also a sense of social responsibility, and will be done by many more as rapidly as they come to see where their own best, long-term interest lies.

The example for which we invite your attention is the Mueller Co. of Decatur. We do not have access to the books of this company, of course, but no person living in Decatur can fail to see in broad outline what has been happening in the business during these times of stress. The demand for its products has suffered the same drastic deflation as the demand for steel, and for the same reasons. Decatur, which in a good year has built 800 new houses, every one of them requiring plumbing fixtures, in the last 12 months has built possibly a dozen. In other cities all over the country the same terrific decline is noted.

Inevitably, a manufacturer of plumbing goods whose plant has been developed to take care of the demand existing when 800 units were required has a frightful surplus of plant and labor on his hands when the demand shrinks to the proportion of 12.

What the directors of the U. S. Steel corporation did in this sort of emergency we saw yesterday. They had accumulated an enormous pool of surplus profits in good times. When demand for steel disappeared, they closed down their plants and laid off the workers. With both capital and labor unemployed, they paid a wage to the unemployed capital out of the surplus. Unemployed labor was left to shift for itself, and

might have starved except for a dole from the county.

What the Mueller company has done under similar conditions is more creditable to the social conscience of its directors. Judging by the proportions of the decline in building, one may make the fair inference that the Mueller company by working just about one week, at full pressure, might have manufactured all the goods it can sell during the present year. Following the example of the steel corporation, it might have turned its workers over to the taxpayers of Decatur to feed through the rest of the year, thus reducing company expenses to a minimum. This by some definitions would be merely "good business," having the full approval of that economic theory lauded by Mr. Hoover as "rugged individualism."

In good times the Mueller company, like the Steel company, had built up a surplus. Whether this was carried in a company account, or was divided among the individual members of the concern is none of our business. Following the U. S. Steel example, the Mueller company might have used this surplus to pay its stockholders dividends upon their unemployed capital, while the taxpayers were feeding the unemployed workers.

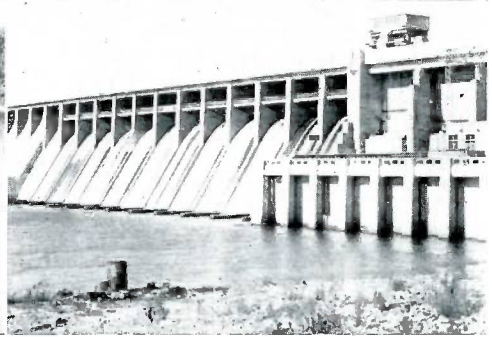
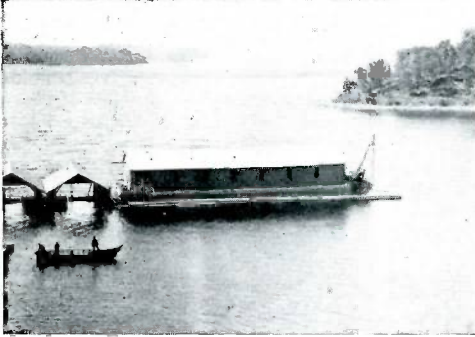
We all know that the Mueller company did not adopt this course. The policy of rugged individualism would have meant, these last two years more ease and luxury for a few individuals named Mueller, and catastrophe in a thousand other Decatur homes, with a secondary catastrophe for all Decatur taxpayers and business men.

Instead of rugged individualism, the Mueller directors have chosen the policy of social responsibility. Instead of working for a week under forced draft, then throwing their workers upon the mercy of the taxpayer, they portioned out the work to make it go as far as possible. When warehouses had been filled with surplus goods, they set factory hands to the task of painting buildings, making repairs, and other jobs. We are given to understand that practically all regular employes of the concern have been kept on the payroll—a payroll necessarily meager but one that has sufficed to keep employes and their families living on wages rather than upon doles. The Mueller surplus thus has served, not merely to pay wages to unemployed capital, but also to pay wages to the workers for whom the company felt responsible.

Everybody in Decatur has reason to be profoundly grateful for this enlightened policy.

(Continued on Page 27)

Find New Delights In Ozarks



—Photos by Mrs. Robt. Mueller and Robt. I. Hunt.

Mr. and Mrs. Robert I. Hunt, Mr. and Mrs. Adolph Mueller, Mr. and Mrs. Robert Mueller, and Mrs. Philip Mueller are home from an automobile trip through the Ozark Mountains delighted with the entrancing scenery which greeted them every mile. Although all members of the party have traveled extensively at home and abroad, they are enthusiastic over the gentle beauties of the Ozarks. Mrs. Robert Mueller's interesting log of the journey follows:

Wednesday, Oct. 26th.

We left home at 7:30 A. M. Passing through Springfield and Jacksonville, we picked up Route 54, crossing the Mississippi at Louisiana, Mo., and stopping at Curryville for lunch, which we brought with us. Then we continued to Jefferson City, where we detoured through Eldon to Bagnell, stopping at the Holliday House at Lakeside on the Lake of the Ozarks.

After getting our rooms, we went for a boat ride in a small motor boat on the lake, a very fine little trip. This is the largest artificial lake in the world and was made by damming the Osage river. Returning to the hotel, we had a delicious dinner, read and visited awhile and then to bed.

Thursday, Oct. 27th.

After a splendid breakfast, we started for Bagnall Dam. Here we were taken through the machinery end of this great work, finding it very interesting. We took still and moving pictures and after lunch continued our trip through the Ozarks. The Holliday House is a delightful place to stop and the food is excellent.

We left at 1:30 via Route 54 through Buffalo to Springfield, arriving at Kentwood Arms hotel at 4:30. After dinner, we called Isabel Bixby Adams and she, her mother, Mrs. Bixby Bond, and Isabel's daughter, Martha, came over for a delightful visit until 9:30, when we retired.

En route to Springfield, we stopped at Bennett's State Park, where we saw much water cress and lovely springs. I took a still picture of the crowd here.

The Kentwood Arms hotel is good.

Friday, Oct. 28, 1932.

We left Kentwood Arms Hotel at 8:00 A. M., taking route 60 thru Aurora to Monet. Then took 37 thru Cassville to Seligman. Soon we crossed into Arkansas and then took route 62-12 to Eureka Springs. This is a queer place. We came on down into

(Continued on Page 7)

THANKSGIVING DAY NOV. 24

Customs Have Changed Somewhat from Governor Bradford's Time.

Thanksgiving Day is a strictly American holiday. Governor Bradford of Plymouth Colony gets the credit for its establishment in 1621. The purpose was for concerted action of the Pilgrims giving thanks for the bountiful harvest of the year. We judge they followed the governor's mandate and assembled in the meeting-house and gave thanks as per directions. Governor Bradford was not only vigorous and stern in enforcing his decrees, proclamations, etc., but he had a great deal of authority and power behind him.

From this beginning Thanksgiving Day has come down through the centuries to the people of the present day somewhat changed and disfigured in so far as its original purpose is concerned. The essence of the day is the same, but practice has changed it mightily. It still retains some of its religious significance. The spirit of the day is one of thankfulness with many people.

When Thanksgiving was made a national holiday, the president was authorized to name the date, and governors of various states join in a state proclamation. The last Thursday of November is always designated. There is no particular reason for this. It's probable that it is merely following a "president."

Thousands of poems have been dedicated to Thanksgiving Day. They generally breath a spirit of love, home life, reunited families, well loaded tables of eatable things, mother love, and the like. The old custom is gradually giving way to football, automobiles, moving pictures, and what not.

Even the poets of former generations viewed Thanksgiving from different angles. Carleton suggests that it is greed for more rather than for blessings o'er, while good old John Greenleaf Whittier makes a bull's eye on pumpkin pie.

Three-fourths of the mistakes a man makes are made because he does not really know the things he thinks he knows.—James Bryce.

RECLAIMING CARBON PAPER

Simple Operation Reconditions Surface and Makes Many Letters Possible.

In the average office a sheet of carbon paper is generally used twelve to fifteen times, says J. L. Johnson in the "Office Economist." When the carbon side appears to be worn it gives way to another new sheet. The life of the old sheet appeared to be over. Its actual life, however, had only commenced. The old sheet by being simply and easily reconditioned could have been still serviceable for fifty or more letters, depending of course on the original quality of the sheet.

"To illustrate the principle, take a sheet of worn-out carbon paper and draw it slowly across a lighted electric bulb, coated side up, and watch how the heat melts the coating and re-distributes it over the paper, even filling up the numerous little holes punched by sharp typewriter keys.

A Show Case Light

"A regular electric light globe, because of its rounded surface, is of course not very practical, but an electric bulb of the type used for show case lighting, about eight inches long, can be purchased at small cost and is ideally suited for the purpose.

"It takes but a few seconds to draw the used carbon paper over the globe, and

as it dries instantly, an entire day's supply for the average office can be renewed in a short time.

"In some offices carbon paper ready for renewal is collected at the close of the day and placed in a basket accessible to the night watchman, who renews the life of the paper in his spare time and has it ready for use the following morning.

"The better grades of carbon paper can be renewed several times by this method."

By following the above directions, we found that the same result is obtained when a sheet of used carbon is drawn over a steam pipe. The carbon copy made by this reconditioned sheet was as good as when the sheet was new.

Worry is interest paid on trouble before it is due.—Dewar.

GETTING MORE

Thanksgiving Day, I fear,
If one the solemn truth must touch,
Is celebrated, not so much
To thank the Lord for blessings o'er,
As for the sake of getting more!

—Will Carleton.

PUMPKIN PIE

Ah, on Thanksgiving Day, when from
east and from west,
From north and south, come the pil-
grim and guest,
When the gray-haired New Englander
sees around his board,
The old broken links of affection re-
stored,
When the care-wearied man seeks his
mother once more,
And the worn matron smiles where
the girl smiled before,
What moistens the lips and what
brightens the eye?
What calls back the past, like the rich
pumpkin pie.

—Whittier.

I'm Tellin' You



GOOD WORKERS WANTED

The election is over, now let's take a rest,
And then get together and all do our best,
Bring out the olive branch and put up the
knife,
Forget party rancor and political strife.
There has been lot of wild talk, most of it
bunk,
Let's store it away in the party's old trunk.
There are things more important than
moans and regret,
There is work for stout hearts ahead of us
yet.
So strap up your trousers and pull down
your vest
And united we'll stand, east, north, south
and west,
As we put up a fight that will make Uncle
Sam proud,
Oh, boy! 'twill be fun to make Depression
a shroud.

Henry L. Mencken's unexpected remark is that "he goes on working for the same reason that a hen goes on laying eggs." He might have extended his comparison. The hen and Hen-ery both cackle for the same reason. They like the results of their efforts.

The election is over. But the question remains. Has anything been really settled?

With many others we are glad we do not crave turkey for Thanksgiving and will not be disappointed when chicken comes on the table or even pot roast.

As James Whitcomb Riley said: "the frost is on the pumpkin," great, big yellow-bellied pumpkins that will make luscious pies and food for the pigs—the four-legged variety.

Some African tribes require that a native to be eligible to marry must be able to run, jump, swim and fight. Some missionary has been teaching them American qualifications.

JACK FROST

Jack Frost with his brush has worked overtime to give us November in colors sublime. Every stroke of his brush in gold, crimson, and green presents to our eyes a beautiful scene. The rich man or beggar who plods the highway may revel in joy at the colors so gay and free as the air and sweet as a dream the colorful landscape reflects the sun's gleam. Shadows and light flick through the leaves of staunch oak and maple and all woodland trees. Oh! isn't it glorious to live and enjoy a picture so grand that the world's greatest critic dare not make a stand and search for a flaw in the harmonious scheme—for Jack Frost is an artist whose touch is supreme.

Keep the dollars rolling on edge instead of flat on their sides in tin cans and we will soon ride back to prosperity. Remember that old saying: "Money makes the mare go." Giddap!

Amid the turbulent cries throughout the land against high taxes is a louder cry from impoverished states, municipalities, and schools for more cash, which means more taxes. We don't know what was rotten in Denmark, but know what it is in free America.

R. F. C. HELPS WATER WORKS

The Reconstruction Finance Corporation recently authorized by the last congress with an available \$1,500,000,000 to loan to self-liquidating public works is now in active, if slow operation. In the water supply field between one and two hundred applications have been received and considerably more than one hundred have been acted on. The biggest loan made water supply projects was \$40,000,000 to the Metropolitan Water District of Southern California, an enterprise estimated to cost \$283,586,000.

It appears that an impression exists that loans will be made to only assist the large projects. This is erroneous. Harvey Couch, a director of the R. F. C., makes this statement on that point:

"The Reconstruction Finance Corporation desires to correct a false impression which seems to exist in the minds of some people to the effect that the corporation is not interested in making small loans for self-liquidating projects.

"It is the policy of the Corporation to look favorably upon all applications regardless of the amount involved, if the projects meet the requirements of the act as to eligibility, self-liquidating character soundness and sufficiency of security, and will create employment."

(Continued from Page 4)

the town and found the Basin Park Hotel was closed, so we ate lunch at Hardy's lunch room. It was not bad. The Crescent Hotel, which looked to be very fine, was at the top of the hill before going down into the town. After lunch we continued on 62-12 to Harrison.

As we were going to Holister it was not necessary to go to Harrison, as we could have turned just after passing Alpina Pass, but we went back to Alpina Pass where we took route 65 to Holister.

The scenery around here is so lovely we did not mind the extra ride to Harrison and back. The scenery has been beautiful since leaving Springfield.

We arrived at "Ye Old English Inn," Holister, Mo., at 4 P. M. It is a delightful place to stay and the food is excellent.

After registering, we went out to visit The School of the Ozarks. It is a school for the mountain children and was very interesting. I took a still picture of our lunch on the look-out. Here we had a glorious view out over the White river. I also took a movie of Dewey Bald, the mountain which Harold Bell Wright mentions in his book, "The Shepherd of the Hills." This is "The Shepherd of the Hills" country. One of the girls, Zoe Tilley, guided us about.

Then back to the hotel. We had a wonderful mountain trout dinner. After dinner we listened to a speech by President Hoover, then to bed.

This Old English Inn reminded us of the Eisenhut Inn in Rotenburgh, Germany.

We talked to a doctor from Kansas City and he advised us not to take any road but 66 back to St. Louis, as it was too late for any good hotels and those that were open were awful. So we decided to follow his advice.

Saturday, Oct. 29, 1932

We left "Ye Old English Inn" at 8 o'clock and took route 65 to route 68, which took us around Lake Tanney-como. This was a gorgeous drive with scenery indescribably beautiful. We came thru Forsyth, taking route 76 back to route 65. Then on up to Springfield. Here we took route 66 on thru Marshfield, Lebanon and on to Rollo. Here we had a delightful lunch at the Pierce Penant Tavern, controlled by the Sinclair Oil Co.

After lunch we came on 66 to St. Louis, arriving there about 4:30. We went to the lovely Park Plaza Hotel. After a fine dinner we visited in the drawing room, then to bed. It was a glorious day and a wonderful drive.

Sunday, Oct. 30, 1932.

We had breakfast at 8:30, and visited awhile in the drawing room. Minnie and Adolph went to church. The Hunts, Mame, Robert and I went for a walk. It rained a bit, the first rain we have had. Came back to the hotel, had lunch in the Coffee Shop, then started for home.

L. M. ROSS DIES SUDDENLY

Mueller Iowa Salesman Passes Away at Elkhart, Ind., while on Holiday Trip.

L. M. Ross, who has represented Mueller Co. in Iowa for many years with headquarters at Cedar Rapids, died suddenly on the night of September 14th, at Elkhart, Ind.



L. M. Ross

Mr. and Mrs. Ross, accompanied by the former's sister, were driving from Cedar Rapids to Toledo on a little holiday trip. Elkhart was their first stop. After dinner they sat around in the hotel lobby for an hour and then went to their room and retired. Shortly after Mrs. Ross was awakened by the uneasiness of her husband, who complained of feeling cold. He expressed a wish for a hot water bottle and one was secured and applied to his body. A second or two later Mr. Ross ceased breathing. Medical aid had arrived, but there was nothing to be accomplished then. The funeral was held at Adrian, Michigan, Saturday, September 17th.

Mr. Ross had been with Mueller Co. as traveling salesman for eighteen years. He was an earnest, conscientious worker and had many warm friends in Iowa, which territory he had traveled for so many years. He was popular in this organization and his passing is deeply regretted. He was a member of the Elks, Masons and Malta Chapter O. E. S. The funeral was conducted by the Masonic order.

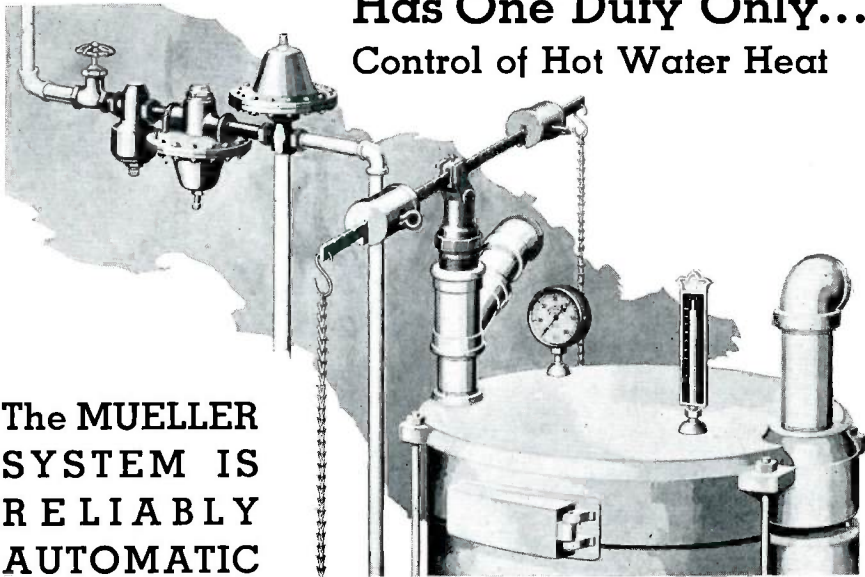
Mrs. Ross is a native of Decatur. She will continue to make her home at Cedar Rapids.

"Verne" Ross, as he was known by his intimates, was a devoted follower of baseball. The sporting editor of the Cedar Rapids Gazette in his column "Red Peppers," pays the following tribute to the decedent:

"One of the very best baseball fans Cedar Rapids could claim was buried Saturday in Adrian, Mich. He was L. M. Ross, who died suddenly in Elkhart, Ind., last Wednesday. During the two years Cedar Rapids was in the Three-Eye league, in 1920 and '21, and since the Valley league was organized in 1922, Mr. Ross was one of the Bunnies' staunchest supporters. For years he generally sat at this writer's elbow in a seat immediately adjacent to the press box. A thorough student of baseball, Mr. Ross was well posted, and he always delighted in reminiscing and relating things that happened in games he saw 25 or 30 years ago. An ardent booster for the home team, never hesitant to speak his mind to an umpire, yet fair and always willing to give opposing teams and players full credit, Mr. Ross seemed to us to be about what the ideal fan is supposed to be like. And furthermore, he was just as fine a man as he was a rabid baseball fan."

Mueller Heating System

Has One Duty Only...
Control of Hot Water Heat



The MUELLER
SYSTEM IS
RELIABLY
AUTOMATIC

It performs its duty with unflinching regularity—faithfully, honestly, and dependably—giving greater constant and sustained efficiency to the hot water plant—more heat for less money—more safety and more comfort and more sales for you if you push it.

The Mueller System will surprise you by its simplicity and very reasonable dealer cost.

Still time for sales—get after the last minute household. You're doing him a favor by selling him such perfect heat control.

Booklets imprinted free for you. Just ask us.

Trade Mark

MUELLER

Reg. U. S. Pat. Off.

MUELLER CO.

DECATUR, ILLINOIS

Branches: New York, San Francisco, Dallas



Our 75th Business Anniversary.

Under Page 3, also

Return to J. H. M. for Ray Killean

Glad News For Mueller Workers



Mueller employes will work this winter. This reassuring information was given them at a meeting held in the gymnasium Thursday, November 3rd. More than that, those who are in financial distress will be helped to get on a new level.

There may have been some foreboding in the minds of some employes as to the purpose of the meeting, but if so, it was quickly dispelled and at the close the group trudged happily to the cafeteria for lunch. They went with a sense of security against deprivation this winter, and with a feeling that they were working for a company which had their welfare at heart.

Cheering Speeches

"Isn't it wonderful," said a Decatur citizen, who happened to be present, "to listen to such cheering speeches. My business puts me much in contact with industrial Decatur. Everywhere I've been in the past year, I've heard nothing but gloom and pessimism. The proceedings of this meeting are the most cheering thing I've heard in a year."

Robert Mueller, Vice-President in Charge of Public Relations, made a short address of welcome. He called attention to the Community Chest campaign, saying that those who had work should give to that cause if possible. Attention was called to the Mueller Women's Sewing Society which meets every week in the club building to make over bed clothes and clothing for needy Mueller employes.

Adolph Said, Get Busy

L. W. Mueller, Works Manager, spoke at length, reviewing the difficulties the company had surmounted in the past three years. It was a difficult undertaking to keep the force together with demand for goods at low ebb, but it had been done. He cited the fact that Adolph, in a recent directors' meeting,

had told him to make plans for work for winter which would give every employe a certain amount of work each week. "We must," he said, "take care of our people." "And as Adolph said it," continued the Works Manager, "we proceeded to map out the plans."

Continuing, he said that a careful survey had been made of homes being paid for in installments and a record made of homes on which payments are behind and the owners are in danger of losing their property. "Don't let that worry you, because the company has determined to stand behind you. Arrangements will be made whereby you will be enabled to meet your payments and you will not lose your homes."

Built a Surplus

President Adolph Mueller, smiling and optimistic as ever, was the last speaker, and gave further assurance of the company's intention to go the limit in furnishing employment during the winter months. "We will do our usual bit for the organized charities in Decatur, and in addition we are going to look after our own people, as we have done for the past two winters, and see to it that they do not suffer." He did not minimize business conditions, but is hopeful of the future. "This company in past years," he continued, "began building a surplus and it's mighty lucky for us and for you that we did. We've cut into it during the past two years, but there is still some of it left, and just as long as it holds out, you are going to be kept employed and those of our employes who need help will get it."

A Company Obligation

"The company feels an obligation to protect your interests just as far as the company is financially able to do so."

(Continued on Page 13)



During the coming winter, due to the present world-wide economic situation, it is inevitable that new and greater demands will be made upon the American Red Cross, our Congress-chartered national relief agency. Millions of our fellow citizens await with anxious hearts the response to the annual Roll Call of the Greatest Mother, held from Armistice Day to Thanksgiving. The nation-wide program of relief and health conservation carried on under her aegis is financed by the membership dues subscribed during that period.

Domestic Disasters

In the past year sixty domestic disasters affecting 31 states, and ranging from drought and flood and insect plagues, to blizzards, tornadoes and fires, have commanded the energies of the American Red Cross. Through the distribution, by Congressional designation, of 40,000,000 bushels of Federal Farm Board wheat, and 500,000 bales of Government-owned cotton the Red Cross has contacted some 15,000,000 individuals scattered throughout the Union.

Home Need Now

It is always easier to give charity directly to one whose need is apparent than to minister to those afar off and in impersonal ways. This year, therefore, it should not be difficult for those who have been blessed with salaries and incomes to loosen their purse strings. All about us are the evidences of misery and distress. Unemployment has cast its blight over every circle, indirectly affected almost every home. To meet the needs of those who through no fault of their own cannot today command a living wage, the Red Cross is distributing relief in the form of clothing, foodstuffs, medical supplies and nursing care.

NEW RECIPE FOR DEPRESSION

We Might Follow Hawthorne's Advice and Take an Age-Long Nap.

Here we have been running around heedlessly for nearly three years in the mazes of depression, making ineffectual efforts to find our way out. Every thinking person has figured a reason for our difficulties and a plan to overcome them. None has proved acceptable. Too many cooks always did spoil the broth. Nearly ninety years ago Nathaniel Hawthorne, one of the greatest of American novelists, suggested a plan, which we have hitherto overlooked, but which recalled, strikes us as reasonable, if it could be worked out. In "Mosses From an Old Manse," he said:

The Hawthorne Cure

"Were I to adopt a pet idea as so many people do, and fondle it in my embrace to the exclusion of all others, it would be, that the great want which mankind labors under at this present period, is sleep. The world should recline its vast head on the first convenient pillow and take an age-long nap. It has gone distracted through a morbid activity; and while preternaturally wide awake, is nevertheless tormented by visions that seem real to us now, but would assume their true aspect and character were all things once set right by an interval of sound repose."

Go Way and Let Me Sleep

There you are, as rose petal Andy says. There's your cure for all the evils of these times. Let's all take a nice long nap and wake up forgetful of the three-year turmoil, refreshed, vigorous and ready to buckle into the job and get somewhere. Let's all join in singing "Please go way and let me sleep," and try out Hawthorne's suggestion.

MAKE SUGGESTIONS NOW

It Is Time to Begin on the 1933 Campaign.

Oct. 31, 1932, marks the close of the 1932 Suggestion Contest and ushers in the beginning of the contest for 1933.

A new slogan will be selected by the Suggestion Committee for next year and will be announced Nov. 1st. The person suggesting the new slogan will receive a prize of \$2.50. The Record went to press too soon to make the official announcement, but if you watch the bulletin boards you will see this announcement there.

Booklets explaining in detail the entire plan may be obtained from your foreman or at the Employment Office. The contest will be conducted along the same lines as last year, prizes being awarded for adopted suggestions on Safety, Reduction of Overhead, and how to increase production.

Pass along your ideas to the Suggestion Secretary. Often times the simplest of ideas may be developed into something quite worth while.

OLD SERVICE BOXES

On the inside of the front cover page of this issue of Mueller Record is a message to water and gas men and to all users of curb or service boxes.

These particular classes of equipment have always been troublesome because of the upkeep expense involved. This expense is traceable to several causes beyond perfect and complete control of the owning companies. Covers and boxes are broken by heavily laden wagons passing over them. Destructive boys break up lids or pry them off and throw them away. There are various other ways in which boxes are broken up or left open by removal of the cover.

Fills Up With Dirt

Open boxes speedily accumulate leaves, trash, rocks and dirt. In this condition they create a constant source of expense. In case of necessity of shutting off the curb stop the box must be cleaned before the shut-off rod can be inserted. Frequently this is a long, tedious job, involving labor expense. When the box is securely covered it is but the work of a moment to remove the cover and shut off the stop.

The message referred to on the inside front cover points a way to reclaim all crippled old or new style Buffalo type boxes.

The Right Equipment

There is a specially constructed auger for cleaning out the boxes. Then there are substantial cast iron repair lids which are fastened on to prevent future filling of the boxes, resist any unusual strain and to defeat the work of vandals. Once clamped to the service boxes, the Mueller Repair Lid is not removable without the right key. These lids are used by thousands of water works companies throughout the United States.

In case the top of the barrel of the service box is broken, it can be evened up with a cold chisel and the Mueller Repair Lid applied with equally good results.

It will be to your interest to investigate this equipment. Lids are cheaper than new boxes and lids—and the Mueller Lid at small cost makes old or new style Buffalo Type Service Boxes as good or BETTER THAN NEW.

A sponge rubber base makes a new safety rug which prevents slipping on polished floors, and insulates against electric shocks on damp surfaces.

Water proof paper, tough, durable, flexible, washable and withstanding acids and boiling liquids is produced by a new process.

A new safety device operated by truck drivers sprays sand or grit under the front wheels when streets are slippery.

SOFT COAL INDUSTRY

Coal on This Continent Was First Discovered Near LaSalle Illinois

The Illinois Journal of Commerce gives us a bit of information. It says that some 263 years ago coal was discovered on the American continent at a spot near LaSalle, Illinois. It was many years later that the eastern fields were uncovered. Since that day 263 years ago, coal has played an important part in the history of the state and nation and a tragical part as well. In former years it was the cause of many disputes between mine owners and miners, disputes which led to riots and bloodshed accompanied by no small number of fatalities. Some of the most bitter contests were staged in the northern Illinois coal fields, where white men first uncovered coal which for more than 200 years was an invaluable aid to industry and commerce. Today coal is still of great importance but in a more limited measure than formerly. The Journal of Commerce tells us the industry is languishing.

New Competition

One trouble the mining industry now faces in the domestic use of coal is competition with new methods of heating homes. These include gas and oil both of which have made steady advances during the last four or five years. In the distance electricity is looming large, and the day is not far away when it will become a dangerous rival, not only of coal but some of the allied industries which now produce furnaces, boilers, etc.

Still Many Miners

It appears that steam coal will always be in demand but that will restrict the amount of coal mined and of a lower quality than required for domestic use.

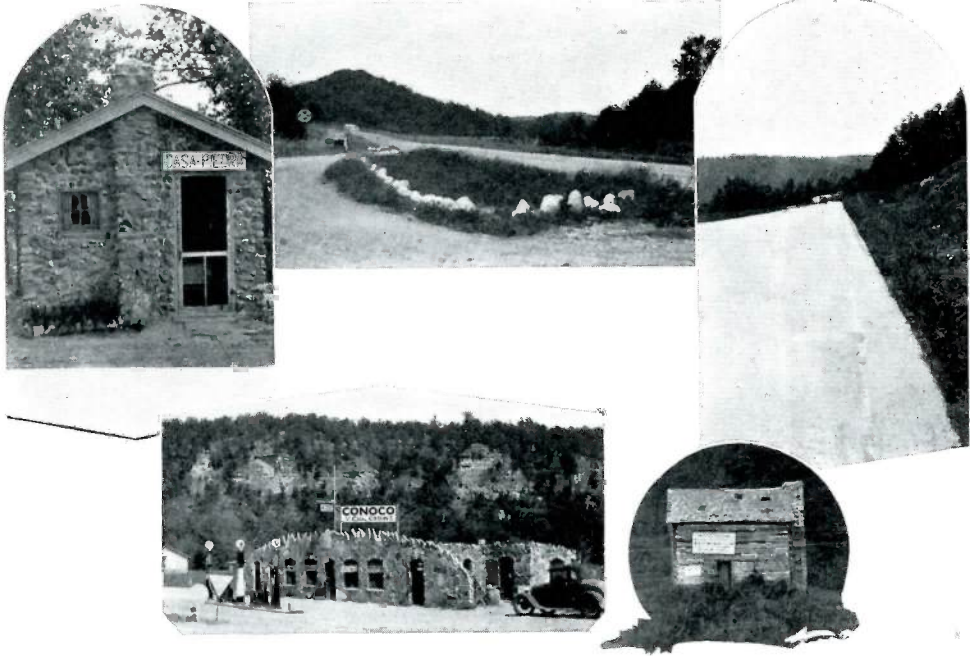
The coal business may be languishing, may have hard competition with a dark future when electricity is commercially possible for heat, but the Illinois boys who delve in the earth still represent a very considerable industry and will for quite a few years to come.

The purpose of life is to be happy, to give pleasure to others, and to enrich the world.
—George Matthew Adams.

WALKING

Ride and the world rides with you; walk and you walk alone. The lone walker sees and hears what the rider misses. Walking remains the cheapest, most delightful and most healthful form of exercise. Walk to work or walk in the evening. Every man, woman and child in the land can find time to walk at least a mile a day and they all will profit from it.—Ines Stearns Macaulay.

Through Missouri Ozarks



—Photos by Mrs. C. N. Wagenseller.

Upper Left—Tourists' cabin with cobble stone trimming. Center—Mountain at bend of road. Upper Right—Stretch of paving in an Ozark valley near Rolla, Mo. Lower Left—Filling station at base of mountain at Devil's Elbow. Lower Right—This log cabin was the first court house in Phelps county and the first home of Masonry in this section when the territory was included in St. Louis county.

This fall, the editor of the Record and wife realized a longing, which has been with us for a year or more, to drive through the Ozark mountains. Always when the time came for an auto trip, bigger and better things seemed to beckon. Now we know that we have seen "bigger" things than the Ozarks, but we also know that in the Rockies, the Alleghanies, the Cumberland mountains or the Adirondacks, we failed to see anything as quietly beautiful and restful as the Ozarks.

The Hills

As we passed car after car bearing California licenses we wondered what the occupants thought of "the hills," the little valleys, and an occasional sweep of prairies. Of course, they are not to be compared to the Rockies in their towering heights and stupendous awesomeness, overcoming the senses by their rugged bulk, but for beauty alone, pretty vistas, wood-crowned sides and ridges, they stand a fair chance of ranking high to the mind and eye which seek restful recreation combined with good paving and safe driving. From Decatur they are easily accessible over a half dozen routes.

Short Way Over 48

The new 48 is the shortest, but one can pick U. S. route 66 at Springfield and stay

with it to Pasadena, California, or branch off on some other route to the south. There are many inviting tourist camps and Pennant hotels on this route.

Route 66 the Eye-Opener

The Ozarks of Missouri and Arkansas have long been noted for their beauty by people living in the valleys on near by points, but natives tell you that it remained for U. S. route 66 to open the eyes of the people of the United States to one of its prettiest sections. For a short four or five days trip or even a week end trip, a 150 miles southwest of St. Louis, there is nothing more alluring. The beauty of the country begins unfolding twenty or thirty miles out of the city of St. Louis and seems never ending.

THE WORLD MOVES ON

Among other new things reported by "Nation's Business" are:

Metal sponges, for cleaning smooth metal surfaces without scratching, have been perfected.

—o—

A telephone attachment silences the radio when you lift the receiver and starts it again when receiver is replaced.

PAW AND MAW



Time to Go on Strike

"I don't mind washing the dishes for you," wailed the henpecked husband. "I don't object to sweeping, dusting, or mopping the floors, but I ain't gonna run no ribbons through my nightgown just to fool the baby."

Real Model

"They tell me you have a model husband, Mrs. Hicks."

"Yus, sir; but 'e ain't a workin' model."

And If She Couldn't, What?

"Why don't you drown your sorrow, old man?"

"Ah, she can swim."

That Vacant Chair

Bachelor Girl—What do you miss most now that's you're married and settled down?

Wife—My husband.—Life.

Latchkey Fiend

Mrs. Meyers—What is your husband's average income?

Mrs. Beyers—Oh, about one a. m.

Fell at First Shot

Daughter—Did you have many love affairs, daddy?

Soldier Father—No, child; I fell in the first engagement.

But She Thought So

"Mamma, am I descended from a monkey?"

"I don't know, son, I never knew any of your father's people."—Austin News.

Judge and Jury

Magistrate (to woman involved in matrimonial dispute)—Did you and your husband quarrel on Friday night?

Wife—And the next day pay day! Certainly not!

(Continued from Page 9)

"We have been systematically at work ascertaining the condition of our employes. Lucien gave you some of the facts. We've had an appraiser looking up homes that employes might lose, and we will work out a plan which will prevent any such misfortune."

As is his usual custom, Adolph worked in a few jokes and kept the crowd laughing.

There was a big burst of applause at the close.

One More River to Cross

Wife (at bath room door)—Dinner's on the table, John. Hurry and finish your bath.

Husband—Coming, dear! Just one more stanza and I'm through.—Boston Transcript.

TAKES OVER IOWA

W. C. Heinrichs Succeeds to Territory of the Late L. M. Ross.

W. C. (Billy) Heinrichs has taken over the Iowa territory left vacant by the recent death of L. M. Ross.



"Heine," as the trade knows him, is a seasoned salesman in the line of water, plumbing and gas brass goods. He came to the company as a young man and has covered more territory and more different territories than any salesman with the organiza-

tion. In fact, he is now the dean of Mueller traveling salesmen. For some years he was on the west coast and just prior to that he traveled for the Canadian plant. In the middle west he has at times traveled many of the middle states and always with the same results. Heine probably has more friends and acquaintances scattered over the United States in the water, gas, and plumbing fields than any man traveling for these lines. He knows his line of goods and the Iowa trade will find him willing and anxious to serve them fairly, faithfully, and willingly. We bespeak for him your kind consideration. Heine will continue to look after Mueller interests in Missouri.

DID NOT ARGUE

Ed. C. Stille, the good-natured kidding electrician, for the moment did not see anything to kid about when he picked up a live wire some time ago, but he cracks jokes about it now. He was knocked down and one hand was slightly burned. Evidently he did not get the full force of the current, or he was quicker than electricity itself, and let go of the wire before it was ready to deliver a knock-out. "Believe me," says Ed, "when I found out it was hot I let go without stopping to ask that wire if it was in earnest or only fooling."

Buffalo's New City Hall



The very important city of Buffalo, New York, celebrated its 100th anniversary recently with a ten days' program, which included dedication of a new \$7,000,000 city hall located in Civic Center. It is a magnificent building, as shown by the illustration.

Buffalo is the second largest city in New York and one of the most important commercial and industrial cities in the United States. Situated at the eastern end of Lake Erie, its rail and water way facilities are scarcely equalled. It claims to be the second largest railway center. Thirteen great railway systems enter Buffalo and have some 700 miles of track in the city. Five big passenger stations provide accommodations for something like 90,000 trains yearly.

First New Amsterdam

The site of the city of Buffalo was surveyed by Joseph Ellicott, agent of the Holland Land Company, in 1798. He called it New Amsterdam. The survey was completed in 1805 and in 1806 the first school house was erected. In 1810 the town of Buffalo was incorporated. The name was suggested by the visits of bison to the neighboring salt licks. The first village charter was granted in 1813, but it was not until 1832 that Buffalo took on the dignity of a city. Historic interest was given the city during the war of 1812 by reason of several naval engagements. Buffalo's beginning as a city of commercial and industrial prominence began with the Erie canal in 1825. From that day on its growth has been steady.

The location is a beautiful plain which rises gradually from Lake Erie and includes

an area of 42 square miles. There are many beautiful parks, art galleries, public buildings, colleges, libraries, and charitable institutions.

The new city hall is the second largest in the United States and by many regarded as the most beautiful. It rises to a height of 371 feet and its impressive dome surmounting the thirty-second story reaches the top of Buffalo's new sky line. It is an inspiring monument to the city's century of progress. The building covers a tract 315x164 feet and contains 666,000 square feet of floor space.

Artistic Entrance

The entrance hall is decorated with beautiful mural paintings which tell in allegory the story of the community's growth from the frontier village of New Amsterdam to the great and prosperous city of today. The new city hall stands on the site of Buffalo's harbor builder and diagonally across from where Millard Fillmore lived his last years.

Statues for Three Presidents

A portion of the centennial exercises consisted of the dedication of statues of Millard Fillmore and Grover Cleveland at the north and south wings of the city hall. Before the city hall is a statue of William B. McKinley, the martyred president.

Costly though it may be, the magnificent city hall is a monument to the progressive and enterprising community and will command the admiration of all future visitors to the great city on Lake Erie.

A friendly smile beats a slap on the back.

A LONG DRAWN BATTLE

Combat Between Spider and Garter Snake Creates Big Interest.

At St. Charles, Illinois, a spider and a snake stole the spot light from the presidential election and held the center of news. Metropolitan papers dispatched special writers and staff photographers to the scene of a battle to death between an insect and a reptile. The sports made bets on the outcome, humane societies raised a storm of protest, and taken all together, it was a nice, interesting rest from radio, political spell-binders, the world's series, and other prosaic sports.

Early in the season a common spider picked out the pump house of the St. Charles Water Works as an ideal spot to spend his summer vacation. After finishing his home he threw out his fly traps and settled down for a care-free, cozy time.

Inquisitive Snake

One day an inquisitive eight-inch garter snake wriggled into the pump house and investigation revealed to him the summer boarder. Garter snakes like insects, but insects do not return the feeling. The spider's house is his castle and this particular insect was prepared to defend his. When the snake drew too close the spider lassoed him with a strand of fine web. Then he worked fast until the snake's head was enmeshed and the snake was helpless. After that the spider kept on adding strand after strand and had the snake at his mercy. For about twenty-five days the snake waved his tail in helpless despair.

Bets Were Made

Feeling ran high and the mayor of the town stood steadfast against interference. There was considerable money up on the outcome, the spider being a prime favorite in the betting.

The president of the Chicago Humane Society sent the following notice to the mayor:

Humane Officer Takes Hand

"We are enclosing for your information," it read, "a copy of the humane laws of the state of Illinois. According to the newspapers, you are knowingly causing a creature to be kept in an unnecessarily cruel manner, which is a violation of the law. Please release the animal at once. This is anything but justice or fair play, to cause a snake or other creature to struggle to death. Very sincerely yours, W. M. Stone."

And an investigator followed.

That night some one cut the web binding his snakeship and the battle was ended. The mayor did not know who effected the rescue.

His original stand was that the garter snake had intruded on the spider's bailiwick when he tried to crawl up into the web to gobble up its spinner. Therefore, if he died of his own folly, the spider was entitled to the prize over which he gloated, darting up and down the strand every now and then to secure his prisoner more firmly.

NEW MANAGER AT CHILLICOTHE

Bransford W. Crenshaw Takes Charge of Light and Water Plant.

Bransford W. Crenshaw is the new manager of the Chillicothe, Mo., Municipal Utilities, succeeding F. L. Thierfelder, who retired several weeks ago. The property consists of the Electric Light and Power Plant and the Water Plant. Chillicothe's affairs are under the direction of a Board of Public Works, composed of A. H. Huggett, president; B. J. Meek, vice-president; G. C. Carnahan, secretary; and T. J. Gorman, member.

Mr. Crenshaw is fully equipped for the proper and efficient discharge of his duties. Chillicothe is a city of 8,500 population, and is a progressive municipality. The electric plant furnishes current for some two thousand lights, and the water plant has some 1700 connections.

Mr. Crenshaw is an engineering graduate of both the University of Kansas and the Massachusetts Institute of Technology.

Prior to accepting his present responsibilities, he was associated with the Henri-Lowery Engineering Co. of Kansas City and prior to that was about two years with the engineering department of the Kansas City Gas Company.

Public clamor about the struggle had reached fever heat. Individuals, clubs, and classes headed by teachers made visits to the pumphouse under the lofty standpipe on North Fourth avenue to witness the scene.

All Bets Off

All bets were declared off and St. Charles returned to "normalcy." Those who bet on the spider were sore, especially after the superintendent of the Chicago zoo gave as his expert opinion that there was no hope of the snake getting free.

Now Illinois has the record snake story of the year, and the unusual thing about it is that it's true.

He—I miss my bathtub this year.

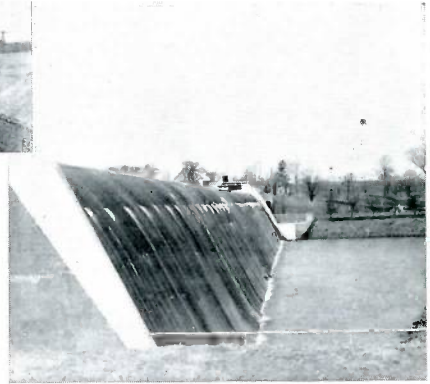
She—On the contrary, I think showers are much better.

He—They're all right, but you can't make beer in a shower.

WORLD PEACE

This world needs peace. It must have peace with justice. I shall continue to strive unceasingly, with every power of mind and spirit, to explore every possible path that leads toward a world in which right triumphs over force, in which reason rules over passion, in which men and women may rear their children not to be devoured by war, but to pursue in safety the nobler arts of peace.—Herbert Hoover.

The Springton Dam



Core wall and embankment. One can notice the rock face on the upstream side of the dam. The gap left in the core wall is for access to the down stream embankment. Upper right—Core wall trench with core wall beginning in the back ground. The trench is carried down and into the ledge rock. Center—Spillway of Springton Dam. Lower Left—State highway on completed dam. Lower Right—Spillway of Pickering Creek Dam.

To provide for future demands, the Philadelphia Suburban Water Company has constructed the Springton Dam on Crum Creek in Delaware county. This was a very considerable and important improvement. The dam on Crum Creek is about 8 miles from its confluence with the Delaware river, and 7 miles west of the Philadelphia line. The reservoir is 3 miles long and will impound 4 billion gallons with an area of 391 acres of water surface. The maximum depth is 66 feet and the average depth 30 feet. The water shed area above the dam is 21.5 square miles and at the pumping station 28.5 square miles. The development of the stream provides for 20 m. g. d.

Serves Population of 350,000

A population of 350,000 is served by this company. Mr. Carleton E. Davis is the general manager and Mr. H. S. R. McCurdy, chief engineer, and they see to it that a high standard of service is maintained at all times. The area served covers 300 square miles. The source of supply is surface water from

streams sufficiently remote from congested centers to be free from pollution.

The system contains 4 pumping stations, 6 distributing reservoirs and 14 standpipes. Transmission and distributing mains are of diameters ranging up to 30 inches and aggregate 1000 miles.

There are three impounding reservoirs, containing $4\frac{1}{2}$ billion gallons. Two of the pumping stations have intake dams with practically no available storage. The standpipes and distributing reservoirs hold 25 million gallons of elevated storage, feeding into the system by gravity.

The average daily pumpage for this year to the end of October was slightly in excess of 20 m. g., with a daily maximum of $26\frac{1}{4}$ m. g.

The Springton Dam is an earthen embankment with a concrete core wall extending to solid ledge rock. The upstream and the downstream slopes are rip-rapped with rock fill. The total length of the dam, including the spillway, is 2000 feet. The maximum height above the deepest portion of

the core wall is 95 feet and the height of the dam above the general valley floor is 70 feet. The dam contains 483,000 cubic yards of rolled earth embankment and 73,000 cubic yards of rock fill.

Highway on Dam

A relocated state highway crosses the valley on the top of the dam and the seemingly excessive top width of 40 feet was dictated by the requirements of the Highway Commission, rather than by any question of stability. Similarly, the easterly end of the dam is curved into the hillside on a six degree curve to accommodate the alignment of this highway.

The core wall is located on the line of the upstream shoulder of the dam, proving an impervious diaphragm against the seepage of water into the downstream portion of the embankment. This location of the core wall enables it to be used as a foundation for the masonry wall bordering the highway on top of the dam, furnishing an additional measure of protection against wave wash. Such arrangement has also the effect of increasing the freeboard of the dam.

The core wall is of plain concrete. The thickness at the flow line is 2 feet, with a batter of 1 in 40 on each side, giving a maximum thickness in its lowest portions of 6 feet. In general, the concrete was poured in sections 50 feet long and 10 feet deep, using steel forms. No attempt was made to provide water stops at the joints other than to use conventional keys in the forms.

Particular care was taken to carry the excavation for the core wall sufficiently deep into the ledge rock to secure a foundation below the softening effect of surface deterioration. To do this, it was necessary in some cases for the trench to extend 15 feet into the rock.

The Spillway

The spillway is located at the west end of the dam and its location and alignment were dictated by the configuration of the rock formation in the hillside at this place. The spillway is 300 feet long and in the form of an arc of a circle, discharging into a channel with rubble masonry walls and concrete paving. The upstream portion of the spillway is carried deeper into the rock forming a cut-off wall which is a continuation of the core wall of the dam. The discharge channel from the spillway passes beneath the state highway and is carried well below the dam, at which point the water is allowed to cascade down the hillside into the stream in a channel excavated mostly in rock, but without masonry protection. The capacity of the spillway, with water at the level of the crest of the dam, is 1000 c. f. s. per square mile of watershed area.

Affected Highways

The construction of the Springton reservoir necessitated the relocation of three highways. The state highway from Paoli to Media crossed the valley about 4000 feet above the dam. This was rerouted on top of the

dam. Two township highways cross the site of the reservoir farther upstream and it was necessary to elevate these roads by means of fills and to construct a reinforced concrete bridge on the line of each road at the former stream bed.

The construction work was actively started in November, 1929. During the first winter the conduit was built, a large portion of the core wall trench excavated and some of the core wall constructed. The embankment was practically all placed under the working season of 1930. The spillway and bridge were finished in the spring of 1931.

Impounding was started in February, 1931, and was controlled at such elevation as not to submerge the highways crossing the basin upstream from the dam.

The relocation of these highways was completed in November, 1931, to a point where full storage in the reservoir was made possible.

Master Plumbers, Look

Let us urge the attention of master plumbers to the announcement of the Mueller Staple Line of plumbing fittings. It will be found on the inside back cover page of this issue and should prove of profitable interest to every master plumber who is readjusting himself and his business to the present trend of the times.

We call your attention to the fact that in presenting this line there has been no lessening of quality in the goods. They are just the same in quality, material and workmanship as Mueller Regular Line, which has so long been accepted by plumbers as the outstanding line of quality plumbing goods. You can make no mistake in adopting the Mueller Staple Line which has been marketed to FIT THE PURSE OF THE BUYER OF TODAY, or any other period for that matter, because we intend to maintain the staple line under present conditions and under any other conditions which may replace those of today.

This Staple Line has INBUILT QUALITY not found in any other so-called regular line. In fact, it differs but little from our own regular line.

What we have done is to eliminate some of the refinements of our regular line and make some changes in our methods and manufacturing process to produce a reliable, serviceable, good looking line of plumbing fittings at less cost to you without in any measure changing general exterior appearance or in any manner changing mechanical efficiency and reliability.

We are thoroughly convinced that you will find this line, with the name Mueller stamped on every article and the Mueller reputation back of it, a great help to stimulation of buying in your locality.

Let your interest in a desire to increase your business prompt your investigation of the Mueller Staple Line.

AT THE BAR

Make Court Home-Like

Attorney (after cross examination)—I hope I haven't troubled you with all these questions?

Lady on Stand—Not at all; I have a small boy of six at home.

No Consideration

The judge had just sentenced two hardened criminals to thirty years.

"Anything to say?" he inquired perfunctorily.

"Naw," snarled the prisoner, "except you're darned liberal with other people's time."

Judge—Describe what passed between you in the quarrel with your wife.

Accused—The plates were the usual dinner size, your honor, and the teapot had a broken spout."

"Your honor," said Schnollger, "it is vinegar." The judge took a drink to make sure—and it was. He gulped hard and sternly ordered: "Ninety days for contempt of court."

"How did you get on in your action for compensation against the man whose dog bit you?"

"He had a clever lawyer who proved that I bit the dog."

Counsel—Do you realize you are facing the electric chair?

Prisoner—I don't mind facing it—it's sitting in it that gets me worried!

Defendant—But, Your Honor, I am a college boy.

Judge—Ignorance doesn't excuse anybody.

X Marks the Spot

X is the Roman notation for ten;
 X is the mark of illiterate men;
 X is a ruler removed from his throne;
 X is a quantity wholly unknown;
 X may mean xenon, a furious gas;
 X is a ray of a similar class;
 X-mas is Christmas, a season of bliss;
 X in a letter is good for one kiss;
 X is for Xerxes, that monarch renowned;
 X marks the spot where the body was found.

A device attached to cash drawers and cash registers releases tear gas when bandits reach for the cash. A similar arrangement on door and window locks performs the same duty.

Controlled electrical heat makes bulbs grow in hot houses in one-half the usual time.

THE U. S. POSTAL SERVICE

Postmaster General Brown in Address Gives Some Interesting History

At St. Paul a few weeks ago, the corner stone of a new post office building was laid and Postmaster General Walter F. Brown was the principal speaker. This address was particularly interesting. It traced the history and progress of the postal service in this country and by apt comparison emphasized its development and importance.

The exercises at St. Paul were held on September 26, which happened to be the 143rd anniversary of the appointment of the first postmaster general under the Federal Constitution—the anniversary of the establishment of the United States Postal Service under President Washington at the city of New York in the year 1789.

Old Colonial Service

Prior to this there was a limited mail communication between sections of the colonies. The first trace of a postal system is found in 1639 when the colony of Massachusetts named a representative to have charge of transmitting private letters to the mother country. In 1672 an inter-colonial post was established between Boston and New York.

In 1691 Andrew Hamilton was commissioned Postmaster General for the colonies by the British Crown. He held this place until his death in 1703.

Laid the Ground Work

In that period he succeeded in securing passage of laws by different colonies for a united system of posts. As a matter of fact, he laid the ground work for the postal service existing when Washington became first president. In pre-revolutionary days the British Crown continued development of the system. Mail packet service was established between New York and Charleston and the West Indies and inland routes from the coast to nearby towns. In 1753 there were two postal districts. One extended north from Virginia to Canada; the other south from the Carolinas to the Bahamas.

Franklin First American

Benjamin Franklin, postmaster at Philadelphia, was made Postmaster General of the northern district, continuing in that capacity until 1774. Due to his efforts, an efficient system of communication was established between the colonies. It broke down the isolation of communities and is credited with having been an effective influence in building a national spirit, without which successful resistance to British oppression would have been impossible.

By resolution of the Continental Congress in 1775, Franklin became our first Post Master General. At the time of Washington's inauguration, post offices had been established in seventy-five towns with about two thousand miles of post roads.

Cost Was High

The postage rate was based on sheets of paper and not on weight, as now. Cost

BACK ON HIS TERRITORY

Paul Hines Heads South to Meet Old Friends and Patrons.

Paul Hines, who travels for Mueller Co. in Arkansas, Mississippi, and Louisiana, after a brief absence, has returned to his territory and is now making his regular rounds, calling on the trade in the interests of our lines. Paul has been covering that section for several years and practically makes his home in the south, because he has grown to like the country and the people. It was glad news to him when the sales department instructed him to pack his sample cases, jump into his old mud slinger, step on the gas and head south.



Paul Hines

varied according to distance from six to twenty-five cents per sheet. Envelopes were not used, neither were stamps. The sheet of paper was folded, addressed and fastened with sealing wax. The sender paid his postage in cash.

Later Developments

The gradual development of the system is interesting. As early as 1813, steamboats had become an important means of transportation and carried the mails.

In 1840 all railroads were declared post routes.

Registered mail was provided in 1855.

The railway post office came in 1862.

The postal money order was introduced in 1864.

City delivery began in 1863 and special delivery in 1885. Rural free delivery was established in 1896.

A system of postal savings was inaugurated in 1911 and parcel post in 1913.

Fourteen years ago air mail service became a fact, and forms the greatest contrast in the development of the service.

Paid in Person

In Washington's day it cost eighteen cents and took several days for a letter to travel from here to New York. Moreover, it was necessary for postal patrons to go personally to the post office or send a messenger, both to deposit and receive their letters. In this modern time, there is 24-hour service between the eastern seaboard and the Pacific Coast. Mail may be deposited at almost any street corner. It is delivered direct to our business offices and to our homes, whether we live in the city, village or country.

The best work in the world is that done not for money, nor necessity, but for fun.—Dr. H. E. Fosdick.

Iron Body Gas Stops

Iron body gas service stops are preferred by some companies. Others still hold to the old tried and tested brass bodies. Mueller Co. can satisfy either demand. On the outside back cover page of this issue attention is invited to G-11100 and G-11080 iron body styles. These are only two of many patterns which we have developed to meet the demand of the trade. Our engineers have made a careful and intensive study of requirements and a critical analysis of the sizes, patterns and weights necessary to meet these requirements. Their work is not finished, as they are still following the trend of the times, carefully investigating any new development in gas practice which might necessitate additional new designs.

From ¾" to 4" Sizes

The line as it stands today, however, includes iron body styles from ¾" to 4". You will find favorable points and advantages in the Mueller line by comparison.

This company, looking back from its 75th anniversary in manufacturing, can feel a pleasure and a satisfaction in always having used the best materials obtainable in the manufacture of its products, but realizes the wisdom of Ruskin:

"There is hardly anything in the world that some men cannot make a little worse and sell a little cheaper, and the people who consider price only are this man's lawful prey."

True as this may be, it makes competition more difficult. But we believe that comparison of Mueller stops will show that every cent asked for them is represented by equal value in the goods themselves.

Facts About Mueller Stops

Attention is called to the fact that:

The best iron we can buy is used for casting iron body gas stops.

The patterns provide for sufficient metal to insure necessary strength.

A group of molders are assigned to this particular line.

When galvanized the HOT PROCESS is used.

Our iron body stops make a straight line.

Both ends are threaded at the same time on an automatic machine.

The keys are red brass, which grinds to the best possible surface, insuring non-leaking in closed position and full opening when opened.

Read our message on the back cover page and before buying iron body gas service stops investigate the Mueller line.

No other commodity has an exchange value to match Labor—it masters the exchanges of all the world.—Alphonso A. Hopkins.

NEW ENGLAND WATER WORKS MEN GATHER

Annual Meeting of Association at Springfield, Mass., Proved Profitable Session.

The annual convention of the New England Water Works Association was held at Springfield, Mass., September 27-30, with a good attendance of members augmented by the New York State Section of the American Water Works Association. The total attendance was over 600. The visitors during the meeting were entertained at luncheon at the Cobble Mountain Dam, a very notable engineering accomplishment which has just been completed by the Springfield Water Department, insuring the city a splendid supply of water for domestic purposes, and for generating electric current. This project was conceived by the late Allan Hazen, who selected the location and designed the dam. It is the highest hydraulic earth fill type of dam in the world. The depth of the water behind this dam will be 222 feet when the reservoir is filled.

The new officers for 1932-33 are:

President—R. H. Ellis, Commissioner Water Works, Newton, Mass.

Vice-President—E. Sherman Chase, Consulting Engineer, Boston, Mass.

Vice-President—H. W. King, Supt. Water Works, Springfield, Mass.

Directors: Rogers W. Esty, Supt. Water Works, Danvers, Mass.; H. U. Fuller, Chief Engineer, Portland Water District, Portland, Maine; W. J. Scott, Chief Engineer, Connecticut State Department of Health.

Re-elected were: Frank J. Gifford, Secretary; Albert L. Sawyer, Treasurer.

The executive committee of the New England Association and of the Manufacturers Association was directed to communicate with the Reconstruction Finance Corporation and express disappointment in the progress made by that organization in approving loans for water works betterment and new projects. The communication will point out that owing to delay thus far experienced it will now be difficult to get work under way to prove up the value intended. The feeling of members in discussing the R. F. C. was quite forcibly expressed. Supt. Taylor of New Bedford, Mass., reported that the time involved in acting on applications was so great that his city preferred borrowing from local banks.

The Dexter Bracket Memorial Medal was awarded Thaddeus Merriman, Chief Engineer, Board of Water Supply, New York City, who in 1931 presented before the Association the most outstanding paper on water supply—"The Law of Inter-State Waters and Its Application to the Case of the Delaware River."

"What is your idea of harmony?"

"A freckle-faced girl with a polkadot dress leading a giraffe!"

THE HOTEL BOISE



Among western cities there are few more interesting than Boise, Idaho, the county seat of Ada county and the capital of the state. Idaho is one of the youngest states in the union having been admitted in 1890, which left only Arizona and New Mexico as territories. The first settlement of Idaho was in 1842.

Boise started as a military post in 1863. Now it is a thriving and progressive city. It has other interesting objects beside Senator Borah. There is the Hotel Boise, the center of social activities and the haven of refuge for tourist and travelers.

The new hotel was completed in 1930 and visitors from the west and the east have enjoyed whole-souled hospitality there.

Those who had part in the erection and equipment of this handsome structure were:

Architects—Tourtellotte & Hummel, Boise, Idaho, and Portland, Oregon.

Operators—Maltby & Thurston Co.

Installations—Gooding Plumbing & Heating of Gooding and Boise, Idaho.

Plumbing Brass Goods—Mueller products furnished by the Idaho Hardware & Plumbing Co., Mueller jobbers at Boise.

Among other prominent points of interest in Boise are the state capitol, Federal Assayer's office, Forestry Service Headquarters, two hospitals, military post, Soldiers' Home, and state penitentiary.

There is an inexhaustible supply of natural hot water in that section which supplies a large natatorium and is used for heating business houses and residences.

And when you speak of this interesting western city, don't call it "Boys" or "Bossy"—call it "Boi-za," or the residents of the city won't like you.

Winter Bowling Season On

The ancient game of bowling is well under way for the winter season and the Mueller League is participating with six teams tearing into each other tooth and nail. There are quite a number of new faces this season but each team has the nucleus of last season's formation, and the rivalry promises to equal that of last winter, with an outlook for closer competition. The bowlers are not yet in mid-season form, but some of the veterans are already showing form. Odie Walker at present leads the ten highest bowlers with C. C. Roarick, who was well up among the leaders last season, trailing him by only two points. Some of the other high boys of last season have not yet hit their stride. The season's young yet, and it promises to be a warm one and is the next big issue for the bowlers to decide after the national election, which at the present moment commands attention. The Works Manager team leads at last report, with the Plumbing Division close up. Early indications point to a hot season, both in knocking down the pins and in the off-alley arguments. Following are the team standings, ten high bowlers and individual averages:



TEAM STANDINGS ENDING OCT. 18, 1932

	G	W	L	Pct.	Ave.	High Game
Works Mgr. Office.....	12	7	5	583	805	936
Plumbing Division	12	7	5	583	776	899
Pattern Makers	12	6	6	500	796	891
Utility Engineers	12	6	6	500	719	888
Main Office	12	5	7	417	809	867
Engineers	12	5	7	417	754	895

TEN HIGH BOWLERS

	G	Ave.	High Game
O. E. Walker, Works Mgr. Office...	9	190	223
C. C. Roarick, Plumbing Division...	6	188	213
G. Krag, Pattern Makers	12	186	221
C. W. Doherty, Main Office	9	181	209
E. C. Stille, Engineers	9	178	203
K. Blankenburg, Main Office	12	178	224
W. Behrns, Engineers	9	176	232
A. Grossman, Main Office	6	172	209
C. Hill, Plumbing Division	3	172	212
C. F. Roarick, Works Mgr. Office ..	12	169	200
J. Bain, Works Mgr. Office	12	169	260

INDIVIDUAL AVERAGES

Works Mgr. Office			
	Games	T. Pins	Ave.
O. E. Walker	9	1708	190
C. F. Roarick	12	2033	169
J. Bain	12	2033	169
D. Dresback	9	1485	165
P. Jacka	9	1288	143
L. Wiant	9	1034	115
Plumbing Division			
C. C. Roarick	6	1129	188
C. Hill	3	515	172
L. R. Wyant	12	1983	165
M. Stratman	9	1410	157
E. M. Reedy	11	1682	153
H. Van Vleet	12	1807	151

Pattern Makers			
G. Krag	12	2235	186
C. Morenz	12	1949	162
H. Leipski	12	1877	156
O. C. Keil	11	1684	153
C. Kush	12	1668	139
Utility Engineers			
B. Mason	12	2007	167
F. H. Mueller	12	1911	159
H. E. Fairchild	12	1766	147
O. C. Draper	12	1651	138
J. M. Wilkins	12	1197	100
Main Office			
C. W. Doherty	9	1633	181
K. Blankenburg	12	2138	178
A. Grossman	6	1033	172
R. Lusk	9	1475	164
E. K. Shaw	12	1861	155
G. Preshaw	10	1412	141
Engineers			
E. C. Stille	9	1601	178
W. Behrns	9	1581	176
A. Flaughter	12	1830	153
F. A. March	6	873	146
H. Gragg	12	1492	124

THREE GAME CONTEST FOR A GOOD DINNER

Putts Works Manager Team at Head of the Bowling League.

Since the preceding report was made, the Works Manager Office team, by strenuous effort and good bowling, and the Plumbing Division team topped the league standing, Oct. 18th, tied on seven games won and five games lost.

On the evening of Oct. 25th these two teams met in a game which meant one or the other would be in first place at the close of the game. This in itself was sufficient incentive for a battle royal. The captain of the Plumbing Division has his sporting clothes on and challenged the Works Manager team to a contest of three games, the losing team to entertain the victors at dinner. The challenge was promptly accepted.

And then muscles began working and pins flying with the result that the Works Manager's team won the first game by a narrow margin. The second game was a duplication of the first.

Although this settled the bet, the third game was bowled just to prove that the Works Manager team was in form. The Works Manager's team copped that game also.

And now the standing of the two teams is:

	Won	Lost
Works Manager's Office	10	5
Plumbing Division	7	8

In the contest for the dinner, Clarence Roarick, Dave Dresback, and Jack Bain

(Continued on Page 23)

The Reason

She—What do you mean by telling me that the dates you had with me were like a string of pearls?

He—Neckless, dearie, neckless.

OLD TIME IS STILL A-FLYING

Another Scroll Rolls Up and the Past Is Motionless Forever.

The scroll of years rolls up rapidly. Nineteen thirty-two will soon disappear forever and a new year will greet the world. So it was in the beginning, and so it shall be unto the end. "Time marches on," as the radio announcer tells us. It is behind us, it is with us, it is before us. We comprehend it but feebly. The average mind conceives it as the minute to arise in the morning, the minute to resume the daily task, take a train, eat one's meals, or go to bed, and temporarily forget life's trials. "Of time as of space," says Karl Pearons, "we cannot assert a real existence; it is not in things, but is our mode of perceiving them." Sages, philosophers, and poets view the subject in many lights, seriously and humorously.

"Old Time, in whose banks we deposit our notes,
Is a miser who always wants guineas for groats;
He keeps all his customers still in arrears
By lending them minutes and charging them years."

—Holmes.

"That old bald cheater, Time."—Johnson.

"Time travels in divers paces with divers persons."—Shakespeare.

"A wonderful stream, is the River Time,
As it runs through the realm of Tears,
With a faultless rhythm, and a musical rhyme,

And a broader sweep and a surge sublime
As it blends with the ocean of Years."

—Benjamin F. Taylor.

"Time and the hour runs through the roughest day."—Shakespeare.

"He was always late on principle, his principle being that punctuality was the thief of time."—Oscar Wilde.

"In time take time while time doth last,
for time is no time when time is past."—Nicholas Stone.

"Time doth transfix the flourish set on youth
And delves the parallels in beauty's brow."
—Shakespeare.

"No time is too short for the wicked to injure their neighbors."—Seneca.

"Nobody has ever found the gods so much his friends that he can promise himself another day."—Seneca.

"Time flies on restless pinions—constant never,
Be constant—and thou chainest time forever."
—Schiller.

"Threefold the stride of time, from first to last;
Loitering slow, the Future creepeth—
Arrow-swift, the Present sweepeth—
And motionless forever stands the Past."
—Schiller.

—o—
"Backward, flow backward, O full tide of years!
I am so weary of toil and of tears,
Toil without recompense—tears all in vain,
Take them and give me my childhood again.
I have grown weary of dust and decay,
Weary of flinging my heart's wealth away—
Weary of sowing for others to reap;
Rock me to sleep, Mother, rock me to sleep."
—Hall.

WHAT BUYING DOES

Big Newspaper Figures Out How It Helps Business and Employment.

The Scripps-McRae newspapers have been publishing a series of advertisements which are more interesting than a lot of the political platitudes sonorously sounded in every hamlet, village, and city during the past few months. These advertisements ask a very pertinent question, one that makes you think. It is this: "Do you think it is bad taste or out of fashion to appear prosperous?" and then answers the question with: "Creating work for idle factories is better than gifts to charity."

And then the author of the advertisement sets out to prove it with these figures:

"When you buy a car, you create from 600 to 2000 hours more work."

"When you buy a refrigerator, you create more than 300 hours of work."

"When you buy a suit of clothes, you create more than 7 hours of work."

"When you buy shoes, you create more than five hours of work."

And we might add when you buy brass goods you create hours of work, no matter how small the article, not for one man but for many men, because all brass goods pass through many hands and different operations before reaching the marketable stage.

It's the endless chain of buying different commodities that keeps people working and earning money. And the endless chain of buying necessities and luxuries that keeps money in circulation. Money is useless when it is not in circulation and unemployment and suffering result.

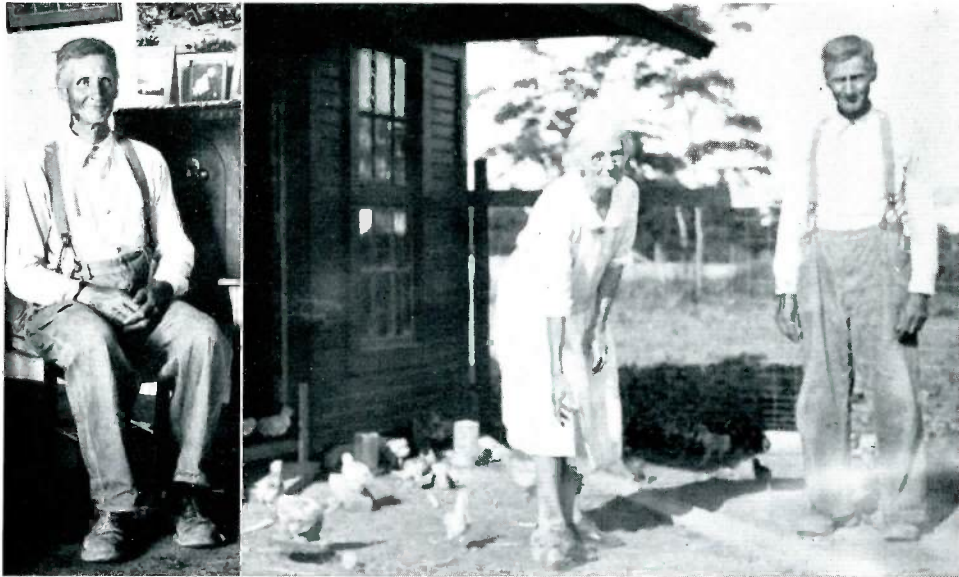
Viewed from this angle, it is not hard to comprehend a depression or its economical environments.

The Eighteenth, Perhaps

Minister—Come, come, my friend! Try to lead a better life. Why, you are continually breaking one of the Commandments.

His Friend—Nope, parson. I don't have any trouble with a single one of the Commandments. It's the amendments I simply can't keep.

Have Solved Farm Problem



Mr. and Mrs. George Weber are reintroduced to their friends in the Mueller organization and to the readers of the Mueller Record. They illustrate the thought that persons are never down and out. In addition, they are a lesson and an inspiration to younger folks, who grow weak-kneed and helpless when they meet up with an unexpected obstacle in life.

Mr. Weber retired last spring. He worked in the grinding room for 21 years. He was a steady, reliable worker, satisfied and contented. Moreover, he was thrifty, owned a little property in Decatur, and accumulated some money. When he retired from the company, he did not bemoan necessity or remain idle. Not George and his good wife. They are made of different stuff. What they did was to go out in the country, at the edge of Bethany, and buy a little farm. Judging from the accompanying illustration, the farm problem does not bother them. This past summer returned good crops as a reward for their industry. Their hogs, chickens and cow insure them ample for the coming winter and next spring George's land, by reason of the work he has done on it and the care he has given it, promises even greater rewards for his efforts.

The industry of this couple has brought them independence, happiness, and contentment—the greatest blessings of life.

Several of their old friends in our organization have met with a cordial welcome upon visiting the couple.

Their house is the first to the left on entering Bethany and they are always pleased to have their old friends call. They are sur-

rounded by modern conveniences—plumbing, including bath room, running water, electric cooking appliances, etc.

(Continued from Page 21)

were the stars of all three games, all three bowling close to a 600 series.

The bowlers who took part in this added feature and the results follow:

Works Manager Office

	Total			
D. D. Dresback	179	214	185	578
O. E. Walker	158	187	178	523
C. F. Roarick	188	122	181	491
Leo Wiant	139	130	157	426
J. Bain	179	170	242	591
Handicap	16	16	16	
Total	859	839	959	2609

Plumbing Division

C. C. Roarick	200	190	202	592
C. Hill	171	148	158	477
L. Wyant	174	182	160	516
H. Van Vleet	141	131	181	453
E. Reedy	154	162	149	465
Total	840	813	850	2503

The winners say when they meet at dinner they'll beat the Plumbing Division again—they know they are bigger eaters.

TUT, TUT, GRANDMA

Looking for grandmother's glasses isn't the job it used to be. Nowadays she leaves them right where she empties them.

Ladies' Aid Gets Busy



During the summer a good many people on short time or with no work were able to supply the table to a large measure from their gardens. Children went barefooted and wore patched overalls. No blankets were needed for the warm summer nights.

Now children must have shoes to go to school. They need underwear, dresses, and warm bedding.

Several women of the Mueller organization have been working on the problem of clothes and bedding and in some cases they have found that it is cheaper to make garments than to buy them. Of course, they donated their services.

There is being formed a Women's Auxiliary which is opened to the wives and daughters of any Mueller man, and they meet at the gymnasium each Thursday to sew and to knot comforts. Mrs. Al Bashore and Mrs. Matt Trott are heading the movement, and any women interested are welcome to come on Thursday to the gym, or they may make inquiry at the Employment Office. This is an opportunity to be of genuine service to the children this winter.

MUELLER EMPLOYEE KILLED

Mr. and Mrs. Joseph B. Jones of Atlanta, Georgia, met a tragic death on Wednesday, October 12th, in an automobile collision at Stewart avenue and Glenn street, Atlanta.

Mr. Jones was known to a number of members of the Mueller organization. He was a former employe in out Atlanta branch. The young couple were driving home from a bridge party when the collision occurred. The other car was occupied by W. E. Ogburn and Margaret Brooks, both of whom were held, the former on a charge of murder and reckless driving, and the latter on

a charge of intoxication and disorderly conduct.

Mr. Jones was killed almost instantly and his wife died shortly afterward. By their death their little daughter, Barbara, is left an orphan.

WHAT'S IN A NAME?

Taken from a collection of marriage announcements copied from old newspapers published in the last century:

At Black Lake, L. I., February, 1828, James Anderson, to Miss Ann Bread.

While toasts the lovely graces spread,
And fops around them flutter,
I'll be contented with Ann Bread
And won't have any but her.

In Bozrah, Conn., August, 1819, Mr. John Bate of Williamstown, Mass., to Miss Mary Ann Bass, after a courtship of one hour.

Is this not angling well, I ask,
Such tender bait to take?

He caught in one short hour a Bass;
The Bass, though, caught the Bate.

In Washington, May 17, 1834, Joshua Peck to Miss Amelia Bushel.

Alzookers, bobs and wedding cakes—
What changes of measures marriage makes;
Quick as a thought, at Hymen's beck,
A Bushel's changed into a Peck.

Christian Science Monitor.

One Order of Wings, Please

The one thought and ambition of every man should be to be a public official without vice, a private citizen without wrong, a neighbor without reproach, a Christian without hypocrisy, a man without guile, submissive to law, obedient to authority, thoughtful, kind and, above all, loyal to country and self.—John Sargent.

SIGNIFICANCE OF HALLOWE'EN**Observance All Depends on Locality and Belief.**

The significance of Hallowe'en depends entirely upon the people who celebrate the festival. In the United States it is an occasion of hilarity or deviltry. The character of the observance depends upon the persons participating and their interpretation of what the occasion calls for. With the younger folks it is a time of witches, goblins, and ghosts, with license to play all manner of pranks even to the theft of any movable property or the destruction of immovable objects. Decatur, with many other municipalities, has largely overcome vandalism by turning the night into one of revelry. A queen is elected and the streets are filled with masked boys and girls, and when they tire of this they hold private parties or dances. The celebration is held in the down town section and the police can exercise whatever authority is required to maintain order. Decatur's experience has been a marked decrease in vandalism. When the down town revelry ends the participants have worn out their enthusiasm and are ready and willing to quit.

In Roman Catholic countries it is the religious aspect of Hallowe'en that appeals to the people. It is the vigil of the feast of All Saints, otherwise All Hallows. In this sense, it is made the occasion of visiting cemeteries and placing flowers on the graves of relatives and friends. All Saints or All Hallows Day originated in the 7th century when the Pantheon in Rome was consecrated as the Church of the Blessed Virgin Mary and All Martyrs. The festival was finally authorized by Gregory IV in 835. So it may seem strange that in Manilla, P. I., an American possession, the people meet the day with great solemnity and devotion to the memory of the departed. Pilgrimages are made to the city's three cemeteries and the graves are covered with flowers and wreaths while at night thousands of colored electric lights gleam in the burial grounds. It is one of the greatest occasions of the year. There are family gatherings at graves with picnic baskets of food. Last year it is said that fully 50,000 electric lights gleamed in the cemeteries while the festival was being observed.

NEW YORK MAIN BURST**Theater Crowds and Sight Seers Get a Thrill When Streets Were Flooded.**

On the evening of October 10th New Yorkers out to see the sights and attend the theaters in the vicinity of Times Square had a very unusual experience. The street gutters and streets and buildings as if by magic began filling with water. Subways and streets within a four-block area were flooded knee deep. The Metropolitan Opera House suffered a considerable loss from the unexpected flood. The trouble was quickly

RETIRES FROM MANAGEMENT

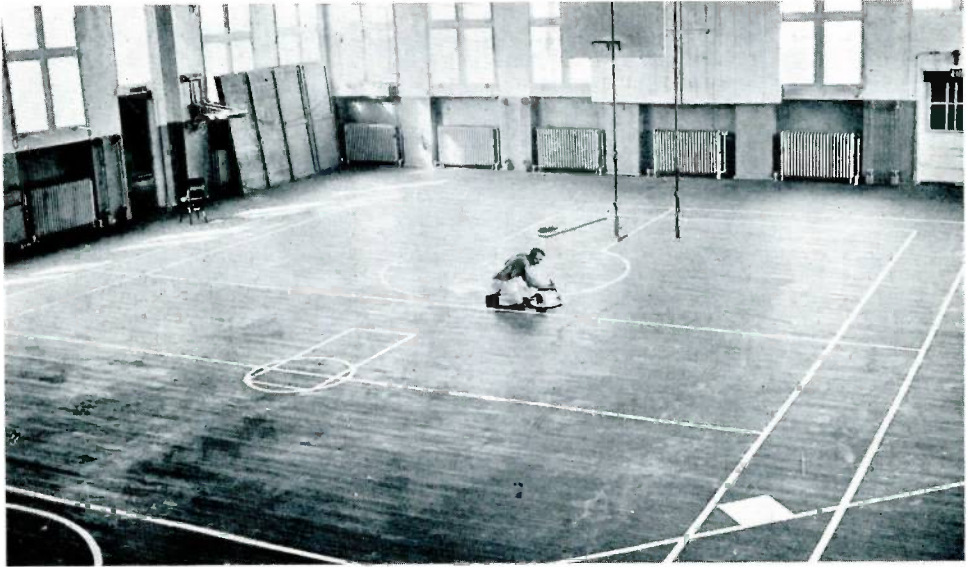
F. L. Thierfelder has retired from the position of manager of the Chillicothe Light and Water Department. He has been identified with that work for about four years. During that period a great deal was accomplished. Among the major achievements was the retirement of a bonded indebtedness of \$68,500. Beautifying the grounds, adding new pumps, a traveling crane, testing laboratory and many other improvements were made. Mr. Thierfelder is secretary of the Missouri Association of Municipal Utilities.

FIELD IS STILL LARGE

There is still a lot of opportunity for plumbing business in this country. Thousands of homes are still without running water, kitchen sinks and bath rooms. In the past twenty years plumbing has made tremendous strides. In view of this it seems unbelievable that in many cities of average size the majority of the people still carry water in pails and do not even have connections. In one city where a survey was made and 68 per cent of families visited, almost 40 per cent did not have baths. In another city there were 5000 families who had no sewer connections. This represented practically one-third of the dwellings in that city. In 1500 homes in this city, the people carried water in pails. These conditions were found in typical American cities, and the claim is made that the conditions hold good in all American cities. It seems therefore that there remains a great market for plumbing material.

traced to the bursting of a 48-inch water main, and before the flow of water could be controlled it was necessary to close five gates. Being an underground break, it of course entailed heavy expense to make repairs. It is a striking instance of the need of using the very best possible material for all underground construction.

Winter Recreational Plans



The Mueller Gym has been cleaned thoroughly recently and made ready for the fall and winter recreational program. The picture above depicts putting the final touches on the repainting of the basketball and indoorball courts.

This fine recreational building was dedicated and presented to the Mueller employes on December 20, 1923. Since that time it has fulfilled a prominent place in employe activities and company use.

Mueller Co. believes that during the coming fall and winter months it should especially encourage and make available the gymnasium for employe recreation. It is hoped that a large number will take advantage of this opportunity and enroll in one or more of the activities.

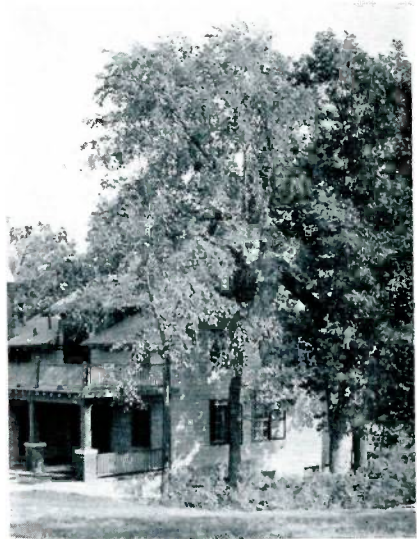
Dancing Class

Saturday, October 22, marked the opening of this fall's dancing class for daughters of employes. This class is under the direction of Miss Annette Van Dyke of the Millikin Conservatory of Music and her assistant, Miss Kirk. Approximately fifty girls enrolled with the opening class with quite a few additions expected next week. Of this number about thirty are beginners. If your daughter has not entered, please consider letting her do so at once. The class presents a fine opportunity for your daughter to enjoy wholesome supervised recreation to develop physical grace and poise and to cultivate musical appreciation.

Basketball

At the time of going to press, plans are under way to organize the basketball team.

Leo Wiant, of the Standards Department, has been selected as Coach and Manager. With our reduced force, we are not expecting a large turn out, but enthusiasm is running high and it is entirely possible that a strong team can be developed. If interested



Employees Athletic Club House

in playing, please get in touch with Manager Wiant. If you don't care to play, come out and encourage the team.



The Popular Log Cabin

Indoor Ball

Clarence Roarick and Ollie Fortschneider are organizing a large group interested in playing indoor ball. Practice and game night will probably be on Wednesday. Watch bulletin boards for further announcements. This group includes a number of experienced players and at least two strong teams will be organized. Later on it is planned to bring in some outside teams for competition.

Volleyball

Arrangements will be made for all those desiring to play volleyball. First play started Tuesday evening, October 25th, with Frank Edmonson in charge of the office men's team.

Plans are under way to organize a girl's team but at this time we cannot make any definite announcement.

Scout Night

Thursday evenings are reserved for the Mueller Scout Troop. This is a fine growing organization and parents should encourage their sons to enroll as they become eligible.

These facilities are open to all employees alike and team managers have been instructed to include in play all employees who desire to participate in any of the sports regardless of whether or not they are experienced players.

Why not come out and forget your troubles and worry by entering into some of these sports? Give your mind and body a healthy relaxation in this wholesome fun and play. If you don't care to play, come down and warm the benches and enjoy the games from the side lines.

Mueller Heights

On the opposite page is a picture of the Employees Athletic Club at Mueller Heights. It is equipped with a complete kitchen, plumbing and steam heat. The rooms are large and nicely furnished. It's an ideal place for summer or winter social events.

The Log Cabin

The log cabin overlooks Lake Decatur from one of the high points. It has good sleeping rooms, kitchen and large screened in porch. Here Mueller employees and families have delightful outings in the summer. The outdoor ovens have been used many times this fall for steak dinners and weiner roasts.

All these facilities for rest, recreation and physical exercises are provided by the Company for your use and your appreciation is best shown by your using them.

(Continued from Page 3)

This policy we are satisfied is not merely humane or philanthropic but is, in any long view of industrial organization in America, good business. Soon or late, American industrials in general must come to this point of view or succumb. No lasting prosperity possibly can be built upon an expanding industrial plant without expansion of consuming power. A surplus profit distributed solely among the investing class means more investments; more money in vaults. A surplus profit distributed among the far wider number of workers, upon smaller incomes, means more money circulating in trade, and more money to buy the products of the industries.

We have gone too far in the direction of investment. A radical turn must be made in the direction of money for consumption before business will be good. There is nothing more practical than the clear demands of this principle.

WE GOT A SMALL BITE

The Secretary of Agriculture, Arthur M. Hyde, has announced the allocation of five million dollars to thirty-four states for the building of highways in national forests during the year 1933. The fund is part of the \$322,000,000 voted by Congress as emergency unemployment relief. California received the greatest amount—\$829,566—and Illinois the smallest, \$478. The western states receive the largest sums, as a rule. It is stated that the plan will give greater use of national forests and for protection against forest fires.

A new clay brick floats, is impervious to water, a good insulator. It can be sawed and trim nailed.

New copper is given green discoloration or patina of weathered copper in a few minutes.

A new sole for sandals can be laced to the uppers when the first sole wears out.

COMMUNITY CHEST

**Annual Drive for Funds Is Now Under Way
—Help All You Can.**

In presenting the needs of the Decatur Community Chest to Mueller employes, we do not feel that it is necessary to resort to appeal to their sympathy, to emphasize the necessity of help for the unfortunates of this city or the nobility of self-sacrifice. All these appeals have been made in the past.

It's our belief that every citizen of Decatur realizes that a solemn obligation rests upon him to do everything within his means to help relieve the situation this winter. Every citizen who does realize this, knows what good citizenship and humanity demand of him. Do the most that you can to help alleviate the suffering of fellow citizens and go to bed at night with the satisfying consciousness that you not only realized the solemn obligation upon you but that you discharged it.

There has always been more or less dispute about the distribution of the funds subscribed for the work of the Community Chest and there has been considerable misunderstanding and misinformation. We are, therefore, giving you facts and figures instead of propoganda. They tell you a clear and understandable story uncolored by any outside influence.

**HUMAN NEED CANNOT WAIT FOR
BETTER TIMES**

**Relief Organizations Get 48.36% of the
Total**

1. Social Service Bureau	\$33,000.00
This equals 25.16% of all funds collected and is used in caring for the impoverished families. 1120 families received relief and service this year.	
2. Salvation Army	11,000.00
8.39% of all funds for use in caring for transients, etc. 1,000 transients last year.	
3. Anna B. Millikin Home	1,200.00
Not quite 1%. Shelter for the lonely aged; at present 18 old ladies and 20 girls.	
4. Ann Rutledge Home—38%	500.00
Caring for colored orphans, 14 at present time.	
5. Boys' Opportunity Home—4.12%	5,400.00
Care and training for homeless boys. 31 at present time.	
6. Day Nursery—1.68%	2,200.00
Cares for children while mothers work.	
7. Girls' Welfare Home—5.81%	7,626.00
Care and training for homeless girls. 34 at present.	
8. Red Cross—1.91%	2,500.00
Service to war veterans.	
Total	\$63,426.00

**Character Building Organizations Get
29.26% of the Total**

9. Boy Scouts—4.88%	\$ 6,400.00
Trains for leadership. Character cannot wait for better times. 582 Scouts this year.	
10. Pines—3.64%	4,766.00
Teaches honesty and fair-play. 1058 boys and girls this year.	
11. Y. M. C. A.—13.45%	17,640.00
Trains for citizenship. 1008 men and boys this year.	
12. Y. W. C. A.—7.29%	9,562.00
Protects and makes our girls self-reliant and helpful to others. 1,000 girls a week.	
	\$38,368.00

**To Administer This Fund of \$131,152.00
Costs 4.45% of the Total**

14. Salaries	\$ 2,945.00
Including operation of the central index—2.24%.	
15. Other expenses, as follows—2.21%	1,969.00
Rent, audit, office supplies, insurance, telephone, postage.	
Expense in putting on this drive	
	925.00
Total	\$ 5,839.00

**Health Organizations Get 17.93% of the
Total**

16. School Clinic—1.35%	\$ 1,775.00
Preserves health. Last year 1495 children were examined.	
17. Hospital Clinic—3.77%	4,945.00
Reduces death rate among the children. 1702 children cared for last year.	
18. Decatur & Macon County Hospital—11.44%	15,000.00
Emergency care and service for the sick.	
19. T. B. & Visiting Nurses' Association—1.37%	1,800.00
Cares for the sick within the home—4322 home visits this year; 46 children cared for in the summer camp.	
	\$23,520.00

Total, \$131,152.00. Builds an unscen monument of Health, Character and Charity—guided by public conscience and business management.
Health cannot wait for better times.

The Cradle of a King

Unbar your heart this evening
And keep no stranger out,
Take from your soul's great portal
The barrier of doubt.
To humble folk and weary
Give hearty welcoming,
Your breast shall be tomorrow
The cradle of a King.

—Joyce Kilmer.



CAN YOU IMAGINE

Your Feeling If You Injured or Killed a Person by Reckless Driving?

Can you imagine the terrifying one fleeting second which overpowers an automobile driver when he looks upon the crumpled form of a person he has maimed? They all experience it and realize their responsibility for the accident, even though the victim may have not exercised sufficient caution. That one second makes it too late to regret carelessness, and most accidents are due to carelessness. There is something about automobile driving that makes a great many drivers reckless and seemingly disregardful of the rights of others. Any day on any street in any city one sees drivers sending cars over the pavement, across street intersections and through traffic at a rate of speed positively dangerous.

Why the Speed

You wonder why the speed. It would seem to be an emergency, a case of life or death. If you follow through you will find that a large percentage of such drivers have no object in view or no reason for the hazards they have created. We have seen many drivers after a mad dash down the street pull up to a parking place, get out of the car and then stand about idly, until the speed urge calls them back to the car for another mad dash. There is no justification for such speed in a city.

Fail to Realize Power

The trouble is that too many drivers do not comprehend the terrific power of automobile engines—the tremendous force it produces and the danger that is always present. A car to them is a means to selfish pleasure with no thought of being a death-dealing instrument when driven recklessly and without thought of other people's rights.

Many Unfit to Drive

The more one studies automobile accidents the more one is convinced that there are thousands of persons driving cars today who should never put their hands on the wheel—they are competent in most driving qualifications—except judgment and proper regard for the rights of others.

REMEMBER WINTER HAZARDS

A safety item calls attention to the fact that safety hazards increase with the coming winter. Mueller employes should keep the fact before them. These hazards are as old as winter, but daily contact with them during winter lessen their significance. It is

a case of familiarity breeding contempt; or at least disregard.

Among these ordinary hazards are:

Ice covered streets.

Frosted windshields.

Heavy clothing which impedes free and easy action.

Ear protection which decreases hearing.

Fingers and toes stiffened by cold.

All these causes are not confined to factories and outdoor workers alone. They are a constant menace to all of us.

ACCIDENTS HURT

The victim suffers pain, discomfort, loss of time, permanent disfigurement, and loss of some useful bodily member. These are some of the physical costs. But what accidents do to the purse is something to take notice of.

The National Safety Council tells us that accidents in this country last year cost \$2,308,000,000, the major cause divided as follows:

Motor vehicles	\$703,000,000
Industrial	643,000,000
Home Casualties	545,000,000
Other Public Accidents	512,000,000

The cheering information is added "that the total was lower than in 1930."

Safety is largely a matter of clear thinking. The man who is sure he is right and then goes ahead does not often meet up with an accident. It is the man who plunges ahead without recognizing a hazard in the task to be done that is always getting hurt. Clear thinking quickly recognizes the hazard and immediately suggests carefulness. Any compensation paid for an injury is only temporary relief. Compensation never did replace lost fingers, injured eyes, nor bring back life to a victim fatally injured. No matter what your work, think safety first on all occasions and take no needless chances. It does not pay. Wherever and when ever you suspect danger move with caution and the thought in your mind that the least carelessness on your part may result in serious injury to you. Better be safe than sorry at all times. A large majority of accidents are preventable but in too many instances the fact is not realized until after the accident has occurred.

Seldom Do

Politician—Congratulate me, dear. I got the nomination.

Wife—Honestly?

Politician—Why bring that up?

Gas and Its Uses

There are thousands of young men and women living today who never saw a gas post, as they were called. Nor did they ever see the once familiar sight of the lamp lighter with his little light ladder trudging from post to post at twilight lighting the gas. Then later in the night retracing his steps to turn off the burners. Lamp posts of the type illustrated here passed out of the picture during the eighties. In smaller cities these posts were placed at street intersections, generally a block apart. They lacked the brilliant illumination of electricity but they did illuminate their immediate surroundings.



The disappearance of these lamp posts removed one favorite source of newspaper jokes. The tip-top humor of the time was to show an inebriate leaning against one of these posts.

It may be these posts will come back again. For some time experiments have been carried on at the national capital with a new type of gas lamp post, and it is said to be very satisfactory.

The small boys of gas lighted streets period were undecided whether to be a lamp lighter or a policeman. They envied the lamp lighter with his trim little ladder of four or five rungs, but as is natural with boys, they did not get all the facts. They did not see the lamp lighter in early hours of the morning in rain, snow, and cold, extinguishing the lights. It was a hard task and if electric lights put this class of men out of a job it did them a favor, but the chances are the street lamp lighter did not see it that way and resented the intrusion.

NEW OFFICERS ON PACIFIC COAST

The new officers of the Pacific Coast Gas Association are:

President—Harry L. Masser, Vice-President and Executive Engineer, Los Angeles Gas and Electric Corporation, Los Angeles.

Vice-President—George F. Egleston, General Manager, H. R. Basford Company, San Francisco.

Treasurer—D. G. Martin, Auditor, Pacific Gas and Electric Co., San Francisco.

COOK BY GAS IN AIR

The United States Navy Zeppelin, Macon, is in course of construction—the largest air ship ever planned. An interesting feature of the Macon is the fact that gas will be used for cooking and heating water. The range for this purpose has been built and is being installed. It is of special design

and built of special material. Lightness and heavy duty were requirements. The body is of very light stainless steel. There are two stock pots with a combined capacity of 100 good sized bowls of soup, the oven bakes 50 pounds of meat, and 12 loaves of bread. The coffee urn holds one hundred cups of coffee. It is estimated this range can supply the needs of the crew of seventy-two men. There are, of course, many special features owing to the unusual conditions under which the range will be operated. The total weight of the equipment is about one-half of that of the ordinary domestic range—140 pounds.

Wooden Mains

It is generally known that in the early stages of the water works industry in the United States, wooden water mains were used with a reasonable degree of success. And now the Gas Age Record tells us that wooden mains were at one time used for gas. In Wisconsin this was the case as late as the civil war. Green Bay, Fon du Lac, Racine and Ripon are among the cities that used bored out wooden pine logs for gas mains. In some instances the logs were squared, but as a rule they were round. The bore was $2\frac{1}{2}$ to $2\frac{3}{4}$ inches. Spigot ends were used but the joints were not very successful and the loss of gas as a result ran into big figures. In some instances it was 50 to 60 per cent. Within the past few years some of these old log mains have been uncovered. These log mains were used at a time when cast iron gas mains had come into general use, probably because pine trees were so common and the cost was so much less to bore and install them. They may have been cheaper to bore and install, but certainly much more expensive in operation with such a large loss from leakage.

There was a decline of 7.2 per cent in revenues for manufactured and natural gas during the first six months of 1932 compared with like period of 1931. In the first half of 1931 revenues were \$374,229,461; in the same period for 1932 they were \$347,288,325. There was a drop of 2.1 per cent in customers according to 409 reporting companies. In the first half of 1931 the number was 14,224,242; in the same period in 1932, 13,931,649. Practically all sections of the country were affected except California, which showed where a gain of 14 per cent was made due to an increase in sales to households, hotels, restaurants, etc.

BET HE RAN, TOO

Kind Hearted Man (to small boy who couldn't reach door bell)—Let me ring it for you. What next, my little man?

Small Boy—Run like hell, that's what I'm going to do!

BEAUTIFUL BUT DUMB

**She Didn't Know the Game**

And then there was the trusting little wife who thought her husband was a baseball fan because he kept yelling for Ruth in his sleep.

Seeking Protection

Cop—Lady, don't you know this is a safety zone?

Lady—Sure—that's why I drove in.

Pampered

Keen Gardener—What that little plant wants, Ethel, is plenty of air and sunshine.

Helpful Wife—Well, Cyril, when we go for our holidays, couldn't we take it with us?
—Humorist.

Safety First for Son

"I see you're letting your little son drive the car."

"Yes, he's still too young to be trusted as a pedestrian."

Ready to Prove It

Cop—Hey, you can't turn this corner!

Sweet Young Thing—Just make all those other cars get out of the way and I'll show you.

Or Bite It In Two

Angeline (witnessing tug-of-war for the first time)—Wouldn't it be simpler for them to get a knife and cut it.

This One a Prize Winner

"Is this a second-hand store?"

"Yes."

"Well, I need one on my watch."

This Pound Always Falling

Husband—The pound has fallen again.

Wife—I know that; when I weighed a pound of currants the grocer sent me, I found it was three ounces short.

A New Part

Cop—Hey, there, don't jam up traffic! Why don't you use your noodle?

Sweet Young Thing—I didn't know the car had one.

THE COST OF EATING

A Family Suggestion on Analyzing Food Costs and Values.

What does it cost to feed a family of five? In answer to this question, anyone will give you a guess based on his memory of his grocery bill. If you should ask a workman the average cost of food this month compared to the same month last year, he is unable to tell you. A study of family accounts shows that those who do keep a record and plan their food buying, live better on less money than those who do not plan. Hand-to-mouth buying just before meal time is an expensive way to feed a family, but even in these times a good many people do it that way.

The advantages of bulk buying are evident enough. Many people, who need to do so, do not plan their buying that way. They do not know the value of whole-grain cereals.

Some one said the other day that a bushel of corn would not buy a box of cornflakes. But a bushel of corn would stave off hunger far longer than a box of cornflakes would do. We are coming to the time when it will be necessary to analyze our food costs on the basis of their cost in bulk quantities.

In one family where records of food costs are kept, figures show the cost of food in 1932 16% less than in 1931. This is true although the children are growing rapidly and eating more each year.

The man who spends a nickel for a hamburger and calls that lunch is not getting a good value. If he spends a nickel for a pint of milk, he would have more nourishment. Five cents worth of cracked wheat properly cooked would provide more nourishment than he would need in a day. We make the urgent suggestion that you analyze in this way your food buying habits.

Oh, What an Alibi, Jones

"Jones' wife thinks the world of her husband."

"Does she?"

"Yes; she even believes that the parrot taught him to swear."

Better Wear Gloves

"Mother, is it correct to say you are going to 'water' the horse?"

"Yes, dear."

"Well, then, I'm going to milk the cat."

Acrobatic

"Com-pa-nee atten-shun," bawled the sergeant to the awkward squad. "Com-pa-nee, lift up your left leg and hold it straight in front of you."

By mistake one member held up his right leg, which brought it side by side, with his neighbor's left leg.

"And who is the galoot over there holding up both legs?" shouted the hard-boiled sergeant.

AN EARLY KING AND HIS TUB

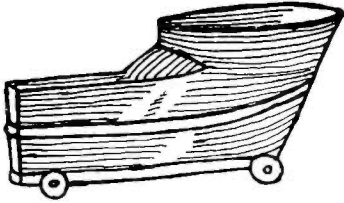
Metal Contraction on Wheels, But Was a Great Luxury.

An early king of France awoke one morning with a hang-over from a home brew party.

There was too much yeast in it, it was bottled too soon, or some one had used fish glue instead of malt. At any rate, his highness was all shot with a taste in his mouth like a main sewer.

"What ho! you lazy rascal!" he yelled to his valet de chambre. "Bring forth the royal bath tub and make it snappy, else I'll enjoy snipping off your noggin' and make a forward pass with it."

And this is what the valet de chambre dragged in. An alley cat would not have been low enough to drag anything like it into the presence of a bum, let alone one of the ermine.



"Fill it with perfumed water and give me a chunk of asafoetida that I may banish this evil taste from my mouth. Zounds, but these home-brew meisters deserve nothing better than the guillotine. Here, you fat-head, ease my corpulent corporeity into the tin overcoat and don't attempt any of your coarse humor by slipping me in head first, as I note by the glint of your eye you are itching to do. I might lose my temper and kick you in the stomach."

Could Not Give Them Away

And so the king had his bath. If a plumber came along and tried to sell you a tub like this you would give him the merry haw-haw with a few tee-hees thrown in. However, this tub was the prized luxury of an early French monarch, and he was proud of it. It is quite probable that the old boy had a valet de chambre who would have considered it rich sport to have slipped him in head first and told him to ring the bell when ready for his rub-down. Judging from the small wheels on the tub, the valet de chambre could roll his royal master from room to room, or up and down a long hall if he wanted to try the old can out for speed. It may be the game was to roll the tub back and forth, causing the water to slosh up and down the full length of the royal anatomy contained therein.

Would Call for Dukedom

Wonder what those early day members of royalty, who regarded such a primitive, awkward and inconvenient tub as a great blessing, would have done and said if they

had possessed even the commonest enameled or vitreous tub of the present day with running water and shower.

A gift to them of one of these modern tubs would have brought a dukedom to the donor. And then we visualize some fat old monarch slipping on its slick and shiney surfaces and breaking a few of his royal ribs and then ordering his best helpers to break the neck of the donor.

Those old-time rulers were a hard bunch to get along with. Their moods were changeable and their friendships short lived. They thought no more of chopping off a few heads every day than a present day golfer thinks of whacking a golf ball over the course.

NOVEMBER AND PRESIDENTS

Every quadrennial November gives us a new president of the United States. Thirty-one men have served in this capacity. To five of these the month has had a double significance. It has been the occasion of their elevation to the highest position of honor that the American people can confer, and it has been the birth-month of five of them. The birthstone of this month is the topaz, which betokens fidelity, and in the case of presidents seems quite appropriate. Whatever else a president may be, he generally is accredited with being faithful to his trust. March is the only other month in which five presidents were born.

The five men who occupied the presidential chair and whose birth occurred in November were:

James K. Polk, Democrat, N. C., Nov. 2, 1795.

Zachary Taylor, Whig, Virginia, Nov. 24, 1784.

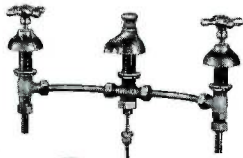
Franklin H. Pierce, Democrat, N. H., Nov. 23, 1804.

James A. Garfield, Republican, Ohio, Nov. 9, 1831.

Warren G. Harding, Republican, Ohio, Nov. 2, 1865.

THE MOUND BUILDERS

Recently Mrs. Robt. Mueller and a party of friends drove to Lewiston, Illinois, for a visit to the Indian mounds there which were opened and excavated by Dr. Don F. Dickinson. He has pursued this work for several years and is still engaged in it. The mounds are located on the old Dickinson farm and from boyhood Dr. Dickinson has planned to open them. He began the work shortly after leaving college. These mounds are said to be the most notable of any left by the prehistoric people. Scientists from all over the world have been attracted to them. Plans are now under way for a great gathering there next summer of scientists for a study of the mounds and the relics they contain. Mrs. Mueller and friends were deeply interested in the instructive lecture they heard and with what they saw.



H-3611



H-4053



H-1654



H-5042

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 of
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 Today!

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The difference of Mueller Staple Line and Mueller Regular Line is so slight as to be practically unnoticeable—a result accomplished by elimination of some finer points, which in no way affect the mechanical features, or pleasing exterior appearance.

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When thoroughly introduced it will supersede our Regular Line—that's how much we think of the Staple Line.

It will suggest to you the immediate advisability of careful investigation.

Inquiries gladly answered. Write us today for full information, prices, etc.

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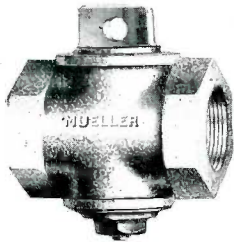
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Our 75th Business Anniversary



AND THEIR SPEECH

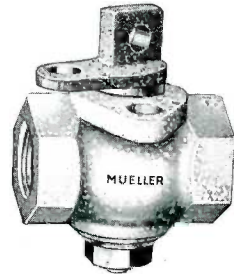
Is Understood By Thousands of Good Buyers



G-11100

Made in Sizes from
 $\frac{3}{4}$ " to 4"

The MUELLER
Iron Body Gas Stops
speak in terms of
Quality, Economical
Service only—but in
this they speak loudly
—uninterruptedly
—Satisfactorily
for Years.



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Made in Sizes from
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MUELLER Iron Body Gas Stops have just one story to tell—QUALITY and SERVICE.

QUALITY because of the pattern and the casting of the best iron—either black or galvanized.

SERVICE because of the precision of each mechanical operation at every step of necessary manufacturing process.

MUELLER Iron Body Gas Service Stops possess these

OUTSTANDING ADVANTAGES

Installation strain will not distort their rugged bodies.

Straight line connection.

Inlet and outlet threaded simultaneously on automatic machines.

Every single stop is tested under air pressure. Unequaled for high pressure service.

Compare this MUELLER Line of Iron Body Gas Service Stops. Test MUELLER Stops in your own laboratory—examine the close fitting bearings and your own experienced judgment will decide for you the merits of this exceptional line.

The time is favorable for Advantageous Buying. Let us quote on your requirements now. Careful attention and prompt shipments.

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