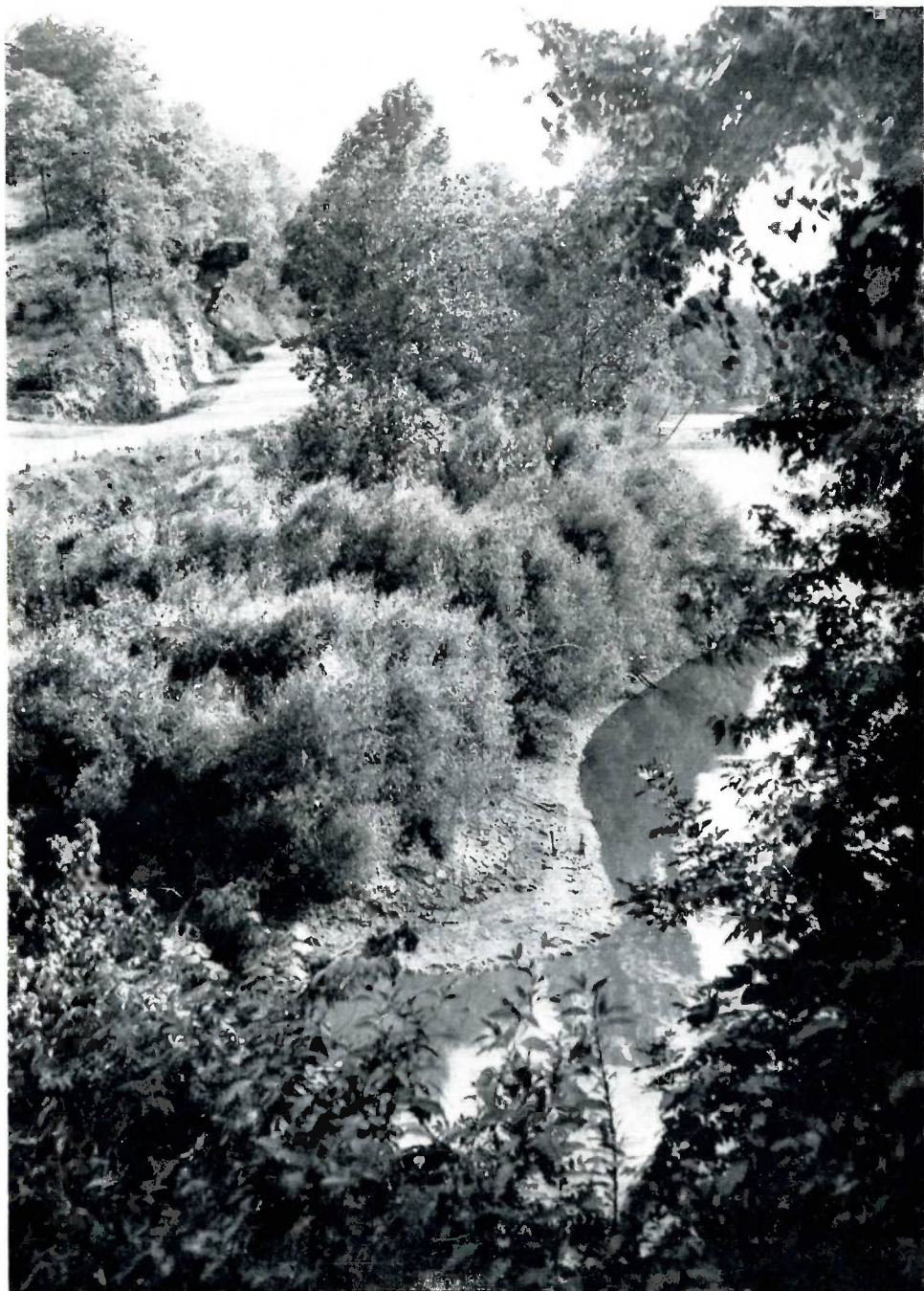


MUELLER RECORD

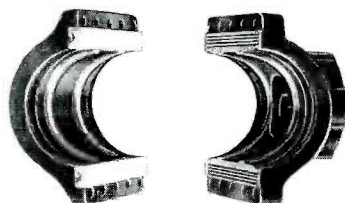
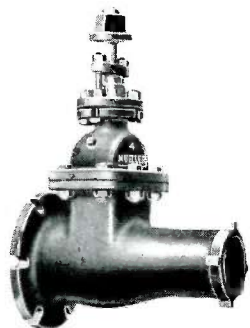


OZARKS BETWEEN BRANSEN AND HOLLISTER, MO.

SEPTEMBER 1932

Look Them Over!

Inside and Outside
They Are RIGHT



The metal, design, workmanship, and the name MUELLER—for 75 years a guarantee of dependable goods—justify your confidence in this superior line of Mueller Heavy Pressure Sleeves and Valves.

They are labor saving and service yielding—ONE LESS JOINT TO CALK than on solid poured sleeves.

Cast raised ribs inside the sleeves permits yarning and calking the ends like any bell end and saves from ONE TO TWO-THIRDS lead necessary on old style sleeves and valves.

By all means acquaint yourself with this line. It will be to your own best interests. Write today for particulars.

Trade Mark

MUELLER

Reg. U. S. Pat. Off.

MUELLER CO., Decatur, Illinois

Branches: New York, San Francisco, Dallas

Contents This Number

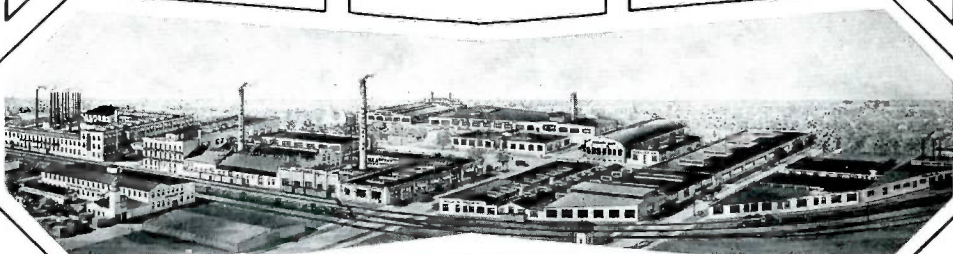
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THREE-QUARTER OF A CENTURY OF PROGRESS

The little shop in Decatur in 1857 from which grew the Mueller industries pictured below.



In this modest building in 1857 H. Mueller began a lifetime of service to health and sanitation.

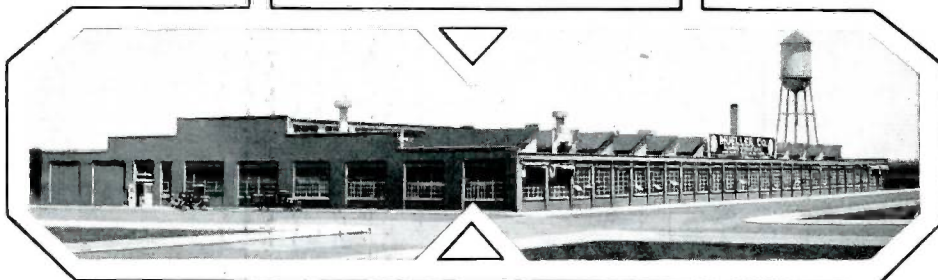
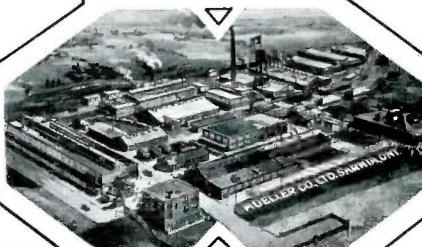


Below is Plant 2, East Eldorado St., where all Mueller black and galvanized iron goods are manufactured, including service boxes, service clamps, etc.



The main plant on Cerro Gordo Street, where all plumbing, water and gas brass goods are made. The main office is in the three-story building on College Street.

Above: Building with rounded roof is Mueller Club House, including Gymnasium and Cafeteria.
Below: Our Canadian factory, Sarnia, Ont.



Mueller Vitreous Ware Plant where toilet combinations, lavatories, drinking fountains, etc., are manufactured. This building is approximately 600'x200', west of it is a big warehouse and shipping room.

<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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Vol. XXI

SEPTEMBER, 1932

No. 237

"Our country has been settled," says Dr. Charles Gray Shaw, "but it is still to be civilized." What it needs, perhaps, good doctor, is to be rubbed through a collander.

The late vice-president, Thomas Marshall, said what the country needed was a good five-cent cigar. That may have been so in Mr. Marshall's day. What the country needs now is five per cent dividends and lots of them.

"If people would just make up their minds that they cannot get something for nothing, that they must go to work and earn a living, then prosperity would return," says one great economist in finding the answer to the unemployment situation. Judged by this, it is presumed that some 11 or 12 million idle have voluntarily quit work, and are not looking for it.

Depressions resemble a total eclipse of the sun. They come along at stated intervals. Many people find themselves in the line of totality, while others on the border line or beyond it, still see broad day light. It's always sunshine for some and shadows for the rest. But be of good courage. Depressions, like eclipses, pass away and the sunshine of good times eventually smiles on all.

It is to the present that all men should look. Do what we will, no one can penetrate the future. It behooves us then to devote ourselves to the present, and make of it all that will benefit us. Great men in finance and literature have in the past sought to point out with certainty conditions that would prevail a quarter, a half, or a century later, but with poor success.

THE MIRACLE

Now and then a man stands aside from the crowd, labors earnestly, steadfastly, confidently, and straightway becomes famous for wisdom, intellect, skill, greatness of some sort. The world wonders, admires, idolizes, and it only illustrates what others may do if they take hold of life with a purpose. The miracle, or the power, that elevates the few, is to be found in their industry, application, and perseverance under the promptings of a brave, determined spirit.—Mark Twain.

Today we see oil and gas and electricity superseding coal—a thing which few would dare to predict twenty-five years ago. Great and scholarly minds have tried to penetrate the future and to predict future conditions, but with no more success than the poorest of fortune tellers. Victor Hugo, one of France's greatest authors, made this positive prediction in the 19th century:

"In the 20th century war will be dead, the scaffold will be dead, hatred will be dead, frontier boundaries will be dead, dogmas will be dead."

In no instance is Hugo right. He spoke with certainty, and his words when uttered doubtless carried conviction to his followers. The man's great talents, his learning, his keen insight into life serve to emphasize the futility of any one reading the future. Yet people of intelligence still consult and believe in fortune tellers.

The anniversary issue of the Mueller Record had wide distribution. Many kindly, congratulatory letters on the events commemorated by our picnic were received. Need we add that they were appreciated.

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

WHAT DID THE PLOUGHMAN DO?

Gray's Famous Line Twisted Twenty-Five Ways to Say Same Thing.

Millions have read Gray's beautiful "Elegy in a Country Churchyard," which begins thus:

"The curfew tolls the knell of parting day,
The lowing herd winds slowly o'er the lea,
The ploughman homeward plods his weary way,
And leaves the word to darkness and to me."

Anything so beautiful seems impossible of the slightest change, but words can be juggled to do many things. The third line of the above quotation proves it. This can be written twenty-five different ways as "The Kalends" of the Waverly Press, points out. Here they are:

The ploughman homeward plods his weary way.
The weary ploughman plods his homeward way.
The ploughman, weary, plods his way homeward.
His homeward way the weary ploughman plods.
The weary ploughman homeward plods his way.
His homeward way the ploughman weary plods.
The ploughman weary homeward plods his way.
His way the weary ploughman homeward plods.
His way the ploughman, weary, homeward plods.
Weary, the ploughman homeward plods his way.
His way the ploughman homeward weary plods.
Weary the ploughman plods his homeward way.
His weary way homeward plods the ploughman.
Homeward his way the weary ploughman plods.
Homeward the ploughman plods his weary way.
The ploughman homeward weary plods his way.
Homeward his way the ploughman, weary, plods.
His weary way the ploughman homeward plods.
Homeward his way plods the weary ploughman.
His weary way homeward the ploughman plods.

Homeward the weary ploughman plods his way.

The ploughman weary his homeward way plods.

Weary the ploughman his way homeward plods.

The ploughman plods his weary homeward way.

Weary, his homeward way the ploughman plods.

But none of these surpass or improve the original line penned by Gray.

THE ENGINEER'S NAME IS —

Try this one on your tired brain. It sounds "goofy," but can be worked out. If you can't do it we will tell you how in the next Mueller Record:

On a train the names of the fireman, brakeman and engineer are Smith, Jones and Davis, not respectively. On the same train there are three passengers of the identical names. Mr. Smith, Mr. Jones and Mr. Davis.

1. Mr. Davis lives in Detroit.
2. The brakeman lives halfway between Detroit and Chicago.
3. Mr. Jones earns \$2000 per year.
4. Smith beats the fireman at billiards.
5. The brakeman's nearest neighbor, one of the passengers, earns exactly three times as much as the brakeman does.
6. The passenger with the same name as the brakeman, lives in Chicago.

What is the name of the engineer? Can you figure it out?

ONE WAR THAT WAS NOT FOUGHT

(Decatur Herald 25 Years Ago)

Lucy Page Gaston's arraignment of the cigarette, and of the "fiend" who smokes it was the feature of the men's meeting in the Y. M. C. A. Sunday afternoon. Miss Gaston, who is one of the principal workers in the Anti-Cigarette league, and Mr. Sylvester, field secretary of the league, were the main speakers of the meeting. Mr. Sylvester cited several of his boyhood friends who, as they became men, had become addicted to the use of cigarettes, and their subsequent ruin and disgrace.

He said, "That the cigarette is a menace to society has been shown as thoroughly as anything can be, but the trouble is that the people do not seem to realize that stopping it is possible. It is possible, and it will be stopped, if people want it stopped. If blood must be shed in the banishing of the cigarette, then let it be so. Bloodshed would be better now than having the habit go on and on, sapping the blood and vitality of a people by inches."

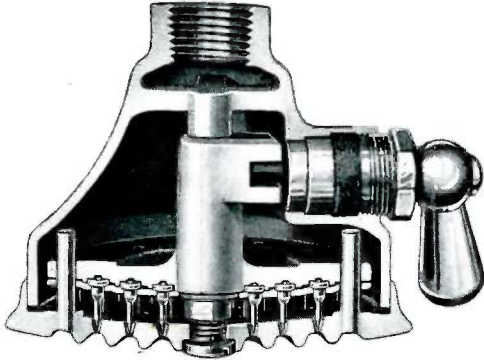
The Curfew Hour

I had a girl named Nina,
Her father's name was Klok.
So everytime I had a date,
It was for Nina Klok.

—Minn. Ski-U-Mah.

FROM MIST TO NEEDLE STREAMS

A Shower Head That Meets All Requirements of Most Exacting Enthusiast.



There is no longer a shower bath season. Habit—especially men's habits—have put an end to the idea that a shower bath is a stimulating pleasure reserved for June, July, and August. The shower bath is now as much an all-the-year necessity as the tub bath. The growing demand for the shower has put manufacturers on their metal to produce a shower head meeting all bathing requirements, such as variable streams, self-cleaning, and positive sanitation, combined with pleasing design, lustrous plating, and good wearing qualities.

Satisfies All Bathing Desires

This is what the new Mueller shower head does—it is the culmination of years of research and experimentation—a positive cleansing shower with variable streams to please and satisfy all bathing desires. Different sized streams ranging from a gentle rain shower to a stinging needle stream are obtainable by turning the handle.

Cleans Itself Each Time

The Mueller H-5400 positive-cleansing shower head (patent pending) has fifty-four (54) floating chrome nickel stainless steel tapered pins inserted in a plate, attached to a yoke, operated by a lever handle. As the pins move in and out they PUNCH OUT all water encrustments such as lime, alkali and corrosion from the holes in the face of the shower head.

Exhaustive experiments have proved conclusively that such encrustments can not be FLUSHED out.

The Plumbing Division invites your inquiries. If desired we will gladly imprint circulars for introducing this unsurpassed shower head to your trade.

"It beats all Hades," says grandma; "soon as I catch up on my installments to that 'lifting' surgeon, I find myself three payments behind on my roadster."

There is not so great a fool on earth as the clever man, when he is one.—James.

SUGGESTION WISE

MAY WIN A PRIZE

Opportunity Offered to You to Make Thinking Profitable.

This little jingle did win a prize in the 1932 suggestion contest. It was the slogan adopted this year. There will be another slogan contest next year. Do not imagine, however, that you must get a rhyme in the slogan. Something short, appropriate, easily quoted, is what we want.

You have more time now to think about improvements in manufacture, reducing overhead, and safety than if you were working full time. Remember, however, that the suggestion system is open full time.

The 1932 contest closes October 31st. That leaves two months more in which to get your suggestions in. That is plenty of time to present some new ideas. You ought to have a better chance this year because competition is not so keen, for our force is smaller than in the past.

So forget about the depression and try some constructive thinking about safety, better and cheaper production, and lower overhead.

In past years these suggestions have won major prizes.

Last year a worker was awarded a grand prize for suggesting the use of a flexible rubber attachment plug, while another won a major prize for suggesting the placing of a guard rail around a dangerous floor trap. Still another valuable suggestion was the use of the excess core oven heat at Plant 2 to dry the molding sand. A bin was built around the oven and as the sand dried it sifted out through screen wire openings at the bottom.

Various short cuts in paper work, in accounting, and in methods of operating machines, handling work, materials and supplies have won prizes.

Send in your ideas now. They may be valuable.

Leads to Rest So Gently

As a fond mother, when the day is o'er,
Leads by the hand her little child to bed,
Half willing, half reluctant to be led,
And leave his broken playthings on the floor,

Still gazing at them through the open door,
Nor wholly reassured and comforted
By promises of others in their stead,
Which, though more splendid, may not please him more;

So Nature deals with us, and takes away
Our playthings one by one, and by the hand

Leads us to rest so gently, that we go
Scarce knowing if we wish to go or stay,
Being too full of sleep to understand
How far the unknown transcends the what we know.

—Henry W. Longfellow.

I'm Tellin' You



OLD DAYS AND NEW

Oh, for the days of an old fashioned campaign, when the voters marched in sunshine or rain; when they yipped and yelled for their favorite son, and fought for their principles with fists or gun. Those were the days when politics boiled and a "Rep" or a "Dem" was easily roiled. A slur on one's candidate led to a fight, each defended his party with all of his might. But now, an election's a pink tea affair, there is no cater-wauling or pulling of hair. The voter's as mild and meek as a mouse, and don't give a darn who's in the White House.

"Get your feet on the ground," yelled the stump speaker. Be patient. In a few more days the last pair of soles will be gone from our shoes.

Rubber words are used in building platforms and speeches of acceptance. They stretch this way and that way until they fit each individual view.

A POLITICAL PROGNOSTICATION

If Roosevelt carries New York, he will be elected. If Hoover carries New York, he will be elected. Ohio is doubtful, leaning to Hoover; Illinois is doubtful, leaning to Roosevelt; Missouri is doubtful, leaning to Roosevelt; Minnesota is doubtful, leaning to Hoover.

Note carefully that this prediction is punctuated liberally with "ifs" and "doubts." It is not our prediction. It's the product of a Washington correspondent. We've got a better one. Here it is: "If Hoover gets a majority of votes he will be elected."

Anything requiring nerve to ask requires nerve to refuse—about 75% to ask and 25% to refuse.

"Sweet are the uses of adversity." If this be true, we opine that we will be a sugar coated race, when old Depression takes for the tall timber.

We are a nation of slogans that don't mean anything, says a wise man—No! What about "It Floats," "His Master's Voice," "You Press the Button, We Do the Rest," and "Eventually, Why Not Now"? Each and every one of these meant millions to the companies and individuals using them.

What, Ho! 'Tis nearly election time and candidates are feeling fine. They are full of fun and grins and chin and promise almost anything. They slap your back and laugh in glee, but what they want is the fee, likewise the fat salarée. And when they get it—if they do—they'll soon forget that it was you who helped them reach their spot-light's fame. They may not even know your name and seldom to you are the same. But bide your time and do not pout—some day you can help kick them out.

"Get \$10, \$5, \$2 and \$1 bills from Canada and compare them with our own federal reserve currency as to quality and beauty," advises an editor who believes Canadian bills more beautiful. Get 'em! How? And another thing, if we wanted to get 'em where would we get their equivalent in U. S. money for comparison. The editor talks foolishment.

What a world, what a world! A man works on stipulated hours for 20 years—even stipulated lunch hours during which he shovels in a plate of beans, bad coffee and a piece of soggy pie. Then he achieves success, can take two hours for lunch and pay his lunch check in any amount without counting his change, but he lives on buttermilk and crackers—doctor's orders.

IT WAS BUT IT "HAINT"

Illinois' first automobile law went into effect 25 years ago and it was announced then that an "auto license would cost \$2 and would be good for a life time."

Now they say we have hit bottom and are coming to the surface—but don't take a long breath yet, you might strangle.

MUELLER ROLL OF HONOR

In our anniversary picnic program, we published a list of 178 Mueller employes, each of whom has received a cash award of \$500 for the completion of twenty years faithful and loyal service. This practice was inaugurated at the Golden Anniversary celebration at Mechanicsburg in 1907. Since that time the company has paid out the sum of \$89,000. There are many instances of this gift having been the means of employes securing their own homes.

"All these delegates for me?"
"Those are candidates, friend."

Meet At Ft. Worth, Texas



Mr. Edward A. Fowler
Engineer Sewer and Water
Board, New Orleans, President
Southwest Water Works Association.



Mr. Louis A. Quigley
Superintendent Water Works,
Fort Worth, Texas, Sec.-Treas.
Southwest Water Works Association.



Mr. Charles F. Linck
Superintendent Water Works,
Leavenworth, Kansas, Vice-President
Southwestern Water Works Association.

The 21st annual convention of the Southwest Water Works Association will be held "Where the West Begins"—Fort Worth, Texas—October 10, 11, 12 and 13. This is a very active association with a membership in six states—Missouri, Kansas, Arkansas, Louisiana, Oklahoma, and Texas. Headquarters for the convention will be the Texas Hotel.

Mr. Lewis A. Quigley, secretary of the Association and superintendent of the Fort Worth Water Works, and George D. Fairtrace, city manager, are looking after local arrangements.

Delegates to the convention are assured a pleasant as well as a profitable visit. Fort Worth is a city of well known hospitality.

The program will cover water supply, purification, pumping, distribution, services and meters, commercial and management.

The Fort Worth Water Works will prove of special interest to visitors. The city's supply comes from Lake Worth, an artificial body of water covering 5,000 acres. Two more lakes are under construction, upstream from Lake Worth—Eagle Mountain, 9,600 acres, and Bridgeport, 10,100 acres. The total estimated capacity is 515 billion gallons.

A 36 and 60 inch reinforced concrete conduit carry the water from Lake Worth to the purification plant, which has a normal rating of 35 million gallons per day.

The central pumping plant has pumps with a normal rating of 66 million gallons per day. There are four pressure boosting plants, totalling 27 million gallons per day.

There is one raw water fire system with a capacity of three million gallons per day.

The distribution system includes 431 miles of cast iron mains 6 inches to 36 inches in diameter. There are 40,943 active metered accounts.

There will be an exhibit of products by manufacturers of water works goods.

Mr. Quigley has issued a very neat blotter and mailed to all members calling their attention to the forth coming convention. He has devised a slogan which reads:

"REMEMBER—There NEVER has been ANYTHING made that some one could NOT make it WORSE and SELL IT FOR LESS."

FACTORY NOTES

Irwin Keller of the shipping department underwent a mastoid operation early in August. He is making remarkably good recovery and hopes to be back on the job in the near future.

An old timer in one of the shops thought he did not have time to bolt the work down to the drill press. His finger was injured and he was laid up for three weeks.

Bessie Workman of the plating department returned to work August 10th after an illness of three months.

Dr. George T. Knapp, dentist, has opened offices in the Standard Life Building, Room 321.

BUSINESS IN SIGHT

This Season Opens Many Opportunities in the Heat Field.

September presages chilly days when moderate heat will be needed for personal comfort. Following this will come the days when steady heat will be necessary day and night. In every community are heating plants which have proved inefficient in service because of inadequate regulation. For a moderate sum the efficiency of these systems can be increased, and satisfactory service obtained by the installation of the Mueller Heating System.

Opportunity for Fall Business

Here is a good opening for fall business for plumbers and heating contractors. Residential property owners are generally in the "put off to the last minute class."

When reminded of the fact that their heating plant should be inspected and put in shape, they will quickly recall last winter's annoyances and become at once potential prospects.

We suggest an active campaign on Mueller Heating systems. It will bring in business. Mueller Heating System is not an experiment. It has been in satisfactory and efficient use for many years. There are thousands of them performing up to and fulfilling every claim that has been made for them. It's reliably automatic. A few of the good, dependable and serviceable advantages of the Mueller system are:

Nine Advantages

1. No expansion tank either open or closed.
2. Costs no more and is easier to operate.
3. Water in system is always fresh.
4. Circulation in system increased due to pressure and fresh water.
5. Entirely automatic supply, relief, and damper regulator.
7. Perfectly safe. Relief and Regulating valves operated positively by water in system.
8. Valves are positive in action and are the safest type known.
9. Boiling point of water is raised, allowing more efficient heating.

Points of Superiority

1. All working and exposed parts of Mueller Bronze. No rubber diaphragms.
2. No close fitting or easily corroded working parts.
3. All valves operated by large effective diaphragms.
4. All water passages free and open.
5. Seatage material of specially prepared composition, heat treated stock.
6. All valves protected by bronze screening element.
7. Over fifteen years of satisfactory field service.
8. Relief valves in conformance with A. S. M. E. boiler construction code.
9. Relief valve approved by the National Association of Fire Underwriters.

We will assist you to introduce this Mueller System to your trade by imprinting your name on circulars if you so desire.

Write today.

VETERANS VOLUNTEERS

Remnant of Decatur's Early Firemen Have Reunion at Mueller Heights.

Eight of the ten surviving members of the Decatur's Volunteer firemen met in reunion at Mueller Heights Sunday, August 21st. Accompanied by their families, "the boys who ran with the machine" in Decatur's earlier days, enjoyed a fine picnic and reunion. The late Fred B. Mueller was one of the volunteers and during his life took an active part in the annual reunions. Owing to this fact, the members of the Mueller family for a number of years have sponsored the reunions. Mrs. Philip Mueller was present during the day, and Adolph, upon his arrival from a business trip to Chicago, called A. G. Webber and together they went to the reunion and mingled with the firemen and families. Mr. Webber made a brief address. The eight surviving firemen present were: William Danzeisen, Frank Bickes, Tim Ronan, William Young, Tom Waltzer, John Seeforth, William Barnett, and Andy Dunston. Failing health prevented the attendance of A. J. Jimison and Joseph Sutter.

ATTACKED BY BULL DOG

Basil Mason has entirely recovered from his terrifying encounter with a ferocious bull dog. The animal was tied up with a long chain at the home of a farmer where Basil had gone to make some purchases. Misjudging the length of the dog's chain, he stepped too close to the animal, which leaped upon him and bit him a number of times about the thighs. The flesh was badly lacerated. The infuriated animal was pulled away with difficulty. Basil was confined to his home for a week and it was several weeks before he was in condition to resume work. Now he is entirely recovered with no serious after-effects, but he still has unpleasant recollections of his encounter.

CHICAGO NEXT MEETING PLACE

The fifty-third convention of the American Water Works Association will be held in Chicago, June 12-16, 1933.

Next year Chicago will be the great convention city of the country because of the Century of Progress Fair. This will be an added attraction to many different organizations. Members will not only get the customary benefits of their association meeting, but will also have the opportunity of seeing a World's Fair. Thousands of them will bring their families with them. Conventions will be a great feeder to the World's Fair during the year of 1933.

Knowledge is power—Bacon.

Two Veteran Master Plumbers



George Uber, Philadelphia, Pa.

Alex W. Murray of Twin Falls, Idaho, divided honors with George Uber of Philadelphia, they being the two surviving charter members of the National Association of Master Plumbers.

Mr. Uber is a master plumber in Philadelphia, and is widely known in the east, with a lot of fine friends in the west. He has attended every session of the National Association, which fact has at some time or another brought him in contact with members of the plumbing industry in the United States. He has always been an active and enthusiastic worker for all that was good and beneficial to members as individuals and for the trade as an organized body. In honoring him his brother master plumbers gave recognition to one who fully deserved it.

Mr. Murray was formerly very active in the affairs of the National Association as well as the Chicago association, of which he was the first permanent secretary. One of the enjoyable incidents of his visit to the National Convention was his meeting with Peter M. Munn, who now occupies the position of secretary of the Chicago Master Plumbers Association, formerly held by Mr. Murray. The latter recalled that he appointed Peter as his assistant some thirty-five years ago.

While at the convention, Mr. Murray came in for much attention. On behalf of the National Association, Henry Sevade, President of the Chicago Association, presented him with a handsome gold enameled fob emblem.

On his return home, Mr. Murray stopped over in Chicago to visit his son, Milton, and was the guest of honor at the Midland Club.

In a letter to this company, Mr. Murray says: "It is many years since I visited the Mueller plant, and am pleased to learn of its much deserved progress. I was born



Alex W. Murray, Twin Falls, Idaho

July 25, 1848, so I am entering my 85th mile of life's race."

Mr. Murray attended his first convention in 1883 at New York and was a member of the committee on organization. In his earlier life he was a vigorous writer on subjects of sanitation, and by pen and personal activities has contributed his share to the upbuilding of the plumbing industry.

NEW ENGLAND ASSOCIATION

The annual gathering of the New England Water Works Association is scheduled to meet at Springfield, Mass., September 27-30th. This is a large and influential organization. It embraces in its membership some of the largest cities in the country and many of the prominent engineers. The committee in charge has arranged a very interesting program. The usual large attendance is expected. Manufacturers serving the water works trade will make exhibits of their products.

DRIVING INTO TRAINS

In the 33,000 automobile fatalities last year, 1811 were victims of grade crossing fatalities. In a majority of these cases the automobile was struck by the train, but in quite a few instances the automobile struck the train—that is to say ran head-on into the side of a car after the engine had passed. An accident of this character is hard to understand, especially if the driver was sober. There is the explanation, of course, that many drivers have no conception of speed and distance. Many persons driving cars are deficient in these particulars and that deficiency is responsible for many accidents in addition to those that occur at railroad crossings.

A day—an hour—of virtuous liberty is worth a whole eternity of bondage.—Webster.

AND IT'S FOR YOUR PLEASURE!

Mueller Heights Call You to Avail Yourself of an Enjoyable Visit— Outdoor Kitchens

If you and your family or friends are looking for a quiet, enjoyable spot for an evening picnic, why not try out one of the new outdoor kitchens at the Mueller Lodge grounds. There are three of them.

One is located near the Athletic Club, another is near the Mueller Lodge, and the third is on the drive to the Log Cabin.

The stoves with their large flat iron tops and convenient fuel at hand, fitted with lights and a large attractive shelter over each with numerous newly painted picnic tables nearby, offer accommodations for any size group. Spring water for drinking or cooking is obtainable from hydrants at various locations on the grounds.

Better take advantage of one of these cool, delightful picnic spots now or at least start laying plans for that weiner roast when friend Jack Frost begins to nip the leaves from the trees and ushers in the fall season.

Croquet Court

It is a little bit late in the season to make the following announcement, but we can at least see how the plan works and if successful, it can be used next year.

Quite a large number of employees and their friends are using the croquet and horse-shoe courts at the Mueller Lodge grounds, especially of evenings.

In order to accommodate as many players as possible, each group using either one of the courts is requested to use it for one hour only if other people are waiting to start play.

If you care to make an advance reservation and have the court reserved for some special time, you may do so by seeing the Lodge caretaker or by telephoning 2-1503.

Athletic Club Building

As most of you know, the Athletic Club Building on the Mueller Lodge grounds has been recently redecorated and many other general improvements made. The kitchen has been refinished throughout and all of the floors, including the upper porch, have been sanded and waxed.

The building is thoroughly cleaned after each party and it is maintained in excellent condition for your use. It is a delightful place in which to entertain your family or immediate friends.

Mueller Co. is especially desirous that the employees use the building for their enjoyment. C. M. Cornelius is in charge of reservations and he will be glad to make the necessary arrangements with you.

Adolph (to new office boy)—Has the cashier told you what you have to do in the afternoon?

New Boy—Yes, sir; I was to wake her up when I saw you coming.

U. G. I. GOLDEN ANNIVERSARY

The United Gas Improvement Company of Philadelphia recently celebrated its 50th anniversary with appropriate ceremonies and a luncheon. Two hundred company executives, public officials and public utility directors were present. In Philadelphia, with its many century old firms and businesses, fifty years of commercial life is not at all unusual. Nevertheless, it is an event worthy of commemoration.

President John E. Zimmerman opened the ceremonies with a brief resume of the company's progress during the half century.

The company was established on June 1, 1882. The capital stock was \$827,750. Now it is capitalized at \$279,276,634. From an approximate income of \$322,000 the first fiscal year, its income has grown to approximately \$34,750,000.

It has an uninterrupted history of dividends, during forty-seven years of its life, or since 1885, during which period aggregate cash dividends of approximately \$225,427,000 have been paid to its stockholders.

A large bronze tablet executed by Dr. R. Tait McKenzie, noted Philadelphia sculptor, was unveiled as a monument to the U. G. I. It is symbolic of gas and electricity unshackling labor. This tablet will be permanently displayed in a show window in the U. G. I. building foyer.

Among other speakers at this auspicious occasion were: Morris L. Clothier, Mayor J. Hampton Moore, George B. Cortelyou.

UNDERGROUND LEAKS

The Best Reason Why the Best Goods Should Be Used.

The value of underground stops in water works service cannot be determined by the price. Cheap goods become high priced when they fail to function efficiently. Many water companies are pumping thousands of gallons of water that never reaches the consumer. Leaking stops, services, joints, and valves are to blame. Coal is consumed, power is wasted, and cost is increased for plant operation. In a recent article in "Public Works," Mr. Jack Hinman, Jr., former president of the American Water Works Association, says:

"The importance of underground leakage in a great city like New York, is explained by Nelson. During the past twelve years, investigation of complaints has resulted each year in saving from 7½ to 18½ million gallons per day. This saving in 1931 amounted to 14 million gallons per day while a special survey crew was able to save an additional 26 million gallons per day by locating and stopping underground losses. In smaller cities, such as Erie, Pennsylvania, and Norwood, Massachusetts, surveys to detect leakage have also been profitable. It is generally appreciated that it pays to attempt to locate and stop underground leaks."

ALBERT HEARD, SUPT.



Albert Heard is superintendent of Water Department at Hagerstown, Md., and he is well equipped for the discharge of the important duties imposed upon him. He is a native of that good old Maryland city. In early manhood he started in the plumbing business. This was in 1887, and was a master plumber until 1892. In that year he became connected with the old Washington County Water Works. When the city took over this company, Mr. Heard was retained, and at 72 is still actively engaged in handling the various problems and conditions which confront a superintendent each day.

His First Mueller Machine

In 1896 he bought his first Mueller water main tapping machine, and Mr. Heard recalls that he placed the order with the late Fred B. Mueller. Mr. Heard has been a member of the American Water Works Association since 1907. He is a close student of water works practice and is always abreast of the times.

FIRST SPEED LAW

"Please observe state speed law" is the greeting to motorists at the entrance to every village and town. This is, as a rule, 15 to 20 miles, which has become slow speed to motorists accustomed to step along at 50 to 75 miles an hour. Such vehicle speed as 15 miles an hour would have made Boston people gasp with amazement in 1757. They were worried by the "speed" of vehicles which did not roll along at more than four or five miles an hour, and the "selectmen" passed what is probably the first speed law in this country. It says:

"Owing to the great danger arising oftentimes from coaches, sleighs, chairs and other carriages on the Lord's day, as people are going to or coming from the several churches in this town, being driven with great rapidity, and the public worship being oftentimes much disturbed by such carriages, it is therefore voted and ordered that no

coach, sleigh, chair, chaise or other carriage at such times be driven at a greater rate than a foot-pace, on penalty to the master of the slave or servant so driving of the sum of 10 shillings."

BEAR CREEK COMMUNITY**Hold Annual Picnic at Okaw Cabin Grounds**

The annual Bear Creek Community picnic was held at the Okaw Cabin grounds, Saturday, August 20th, with a fine attendance, good picnic weather, and a jolly time for everybody. Adolph Mueller and a number of others from our organization attended the outing. The program for the day was:

- 9:00—Swimming—all.
 - 11:00—Dinner—all.
 - 1:00—Welcome—Viola Hughes.
 - 1:05—Song—Charlotte Cox and Hughes Sisters.
 - 1:15—Music—Brewer Brothers.
 - 1:25—"Gee, How I Hate to Be a Bootlegger's Son."—Theda Hughes.
 - 1:30—"Sunbonnet Sally and Overall Jim"—Margaret Hudspeth and Helen Hughes.
 - 1:35—Dance—Ruth Hughes.
 - 1:40—Song—Lenore Brewer.
 - 1:45—Jig and Toe Dance—Helen Hughes.
 - 1:58—Song—Helen Thompson and Alice Cox.
 - 2:00—"Merry Mix Up"—Hughes Sisters.
 - 2:10—"Bear Creek Courtship"—Paul and Pauline Torrence.
 - 2:30—Song, "Old Black Joe"—Adolph Mueller.
 - 2:35—"Here Comes the Flag"—Quartet.
 - 2:40—Boy Scouts Drills.
 - 3:00—Speaking—Adolph Mueller.
 - 3:30—Contests, Games, Stunts.
 - 4:00—Visiting—By All.
 - 4:30—"Appreciation"—George Christie.
- Troop No. 2 of Mueller Boy Scouts were given a trip to the picnic.

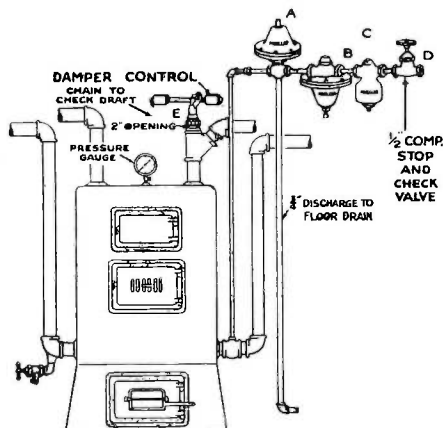
The scouts were on duty throughout the day. As a part of the program, they gave drills and demonstrations of scout work. Albert and Cecil Hollingsead, former members of the troop, who now live on one of the Okaw farms, got up a team of local boys and played the scouts a game of baseball, but were defeated 4-1.

The scouts raised the flag with appropriate ceremony in the morning and lowered it at sunset. In the interval they policed the grounds.

There was an abundance of everything good to eat, and even the scouts were filled to the limit of their elastic capacity. They camped out that night and returned to Decatur Sunday morning. For them it was one of the big events of the vacation period.

"Work faithfully for eight hours a day,
Don't worry.
Then, in time, you may
Become the Boss, and
Work twelve hours a day
And have ALL THE WORRY—"

Mueller Heating System



Will Get
You Business and
Make You
MONEY!



Every owner of a Hot Water Heating System is a prospect. The advantages of Mueller System explained to him makes him a customer.

It's a dependable, durable system—entirely automatic, efficient, and economical—positively safe—and a sure protection against overheated water.

Mueller System has a record of fifteen years of satisfactory service.

THE TIME IS RIPE TO GO AFTER HEATING BUSINESS.

Autumn is here, winter is coming—homes must be heated—heat is one thing people can't do without. Hundreds of old heating plants need this Mueller System—it will add pep, efficiency, and comfort—more heat for less money—more comfort with less work and trouble—the Mueller System is automatic—reliably so.

The Mueller Heating System is extremely easy to install. No other system has so many **STRONG TALKING POINTS**—no other system does **SO MUCH WITH SO LITTLE ATTENTION**. Write us today for prices and full particulars—get busy now while the time is ripe.

If you want your name imprinted on our attractive circulars—we will be glad to do it for you—**FREE**.

Trade Mark

MUELLER

Reg. U. S. Pat. Off.

MUELLER CO., Decatur, Illinois

With a record of 75 years of square dealing and satisfactory service

Branches: New York - San Francisco - Dallas

Mueller Boy Scout Activities



Mueller Boy Scouts in Flag Ceremony

Members of Mueller Boy Scout Troop No. 2 are back in school after a summer vacation filled with Scout activities under the direction of Scout Master Odie Walker.

The picture of the scouts at the top of this page was taken at our anniversary picnic, July 16th.

A scout bugler sounded retreat for flag lowering while the band played "The Star Spangled Banner." The picnic crowd uncovered and stood facing the flag as it came slowly down the flag pole.

Another interesting scout participation in picnic day exercises was the drill on the stage of the open air theatre, together with lively boxing bouts.

Earlier in the season, they took part in a scout jamboree at Mueller Athletic Field. This covered two days. The heavy rainfall of the first day was accepted good-naturedly as a new experience in outdoor life. Members of Troop 2 made a fine showing in athletic contests.

There was another outstanding event which is still remembered by the boys—the flag pole raising at their cabin at the Heights. This was accomplished under the direction of Scout Master Odie Walker. The pole was firmly planted in the ground and now there is flag raising and lowering on all occasions when the scouts assemble there.

The autumn days will bring other events for the Mueller Scouts and when cold weather comes, the lads will have the gymnasium for their meetings.

The man who cannot think is not an educated man, no matter how many college degrees he may have acquired.—Henry Ford.



A lively bout with the gloves by two Mueller Boy Scouts.

Then the Fun Began!

"Lady, you'll have to pay half-fare for that boy."

"But, conductor, he's only four years old."

"Well, he looks like a six-year-old."

"Sir, I've been married only four years."

"Lady, I'm not asking for a confession, I'm asking for a half-fare ticket."—The Sour Owl.

Double Value

"Which is the most valuable—a five-dollar gold piece or a five-dollar bill?"

"The bill, because when you put it in your pocket you can double it."

"Right. And when you take it out you find it in creases."

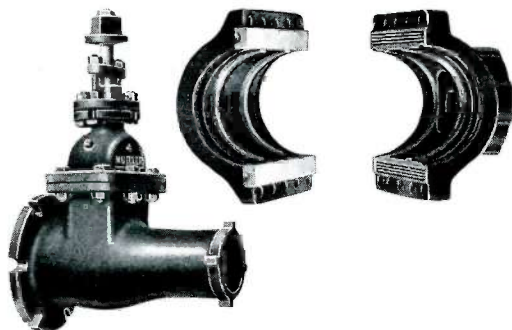
THE "BIG POTATOES"

In the Sleeve and Valve Market Carry the Name Mueller.

Why is one sleeve and valve better than another? They are all made to do the same thing. They are all much alike in general outline. But one make of sleeves and valves is different and better than another because they possess desirable advantages that another sleeve and valve does not. In this particular they are in the same category as potatoes, but housewives are more acutely particular in selecting potatoes than some men are in selecting sleeves and valves.

Uses Good Judgment

She can get as much weight in small, warty, speckled and spotted potatoes as she can in larger, even-sized, well-rounded and solid potatoes. In fact, she can get more potatoes but she loses in volume when it comes to cooking them. That's why she



takes the larger and better potatoes though fewer in number. When she prepares to cook them she does it in less time, not so many to peel, and when she cooks them she gets full volume in weight, quality and satisfactory taste. There are no pits or black spots in them when they come to the table—no apologies to make for flavor or appearance.

They Are the Big Potatoes

Mueller Sleeves and Valves are the BIG POTATOES in the water works market. Keen water works men are using them because they have a well proportioned design, no warty, speckled, pitted, poor material in them. Every one is a good one—and they have advantages—real, genuine, labor-saving, enduring advantages which accrue service profits for years unnumbered. They are the cheapest sleeves and valves you can buy, quality considered.

The Water Works Division of the Mueller Co. will be glad to tell you why Mueller Sleeves and Valves are the BIG POTATOES in the sleeve and valve market.

Write today and ask for particulars of exclusive superior, mechanical advantages, sizes, descriptive literature and prices.

Sleeves and Valve Cost Too Much to Take a Chance on Lesser Quality Than Mueller Offers You.

AIR TRAVEL GROWS POPULAR

Over Half Million People Chose Airplanes for Trips Last Year.

And what will the airplanes do for transportation and industry? Transportation has always, according to the record, been a great stimulator of industry. Railroads in large measure obliterated state lines, and a group of isolated states were merged into a close union. Industry perked up as railroads developed. The automobile changed social habits and customs and kicked into the discard what railroads had left of state lines. Trucks in a measure have changed sales and distribution methods. The auto not only put new life into industry, but it covered a wide field in doing so.

The airplane seems likely to repeat this. Gradually its acceptance by the public increases each year. Air traveling has ceased to be a novelty. In 1928 only 5,000 people rode in airplanes. In 1931 more than a half million preferred air travel to railroads or automobiles. In 1927 the average fare was 12 cents per mile. The following year it dropped to 11.6, but in 1929 it went back to 11 cents. In 1931 it was 8.3 cents, the average being approximately 6 cents. In some instances it is now as low as surface line transportation. All this illustrates not only increasing general acceptance, but a gradual lessening of railroad and automobile transportation. Strange as it seems, the airplane may eventually do to the automobile and truck what these did to the railroads.

GOVERNORS START SAFETY CAMPAIGN

Twenty-Nine Join in Effort to Reduce Auto Accidents.

Twenty-nine governors have united in a campaign to cut down automobile accidents. This will be done through proclamations, statements, and missionary efforts. Some 34,000 persons killed and nearly a million injured in 1931 by automobiles is a ghastly record. A large per cent of these fatalities and accidents occurred on highways, crossings and street intersections. Many of them could have been averted. Drivers and pedestrians are jointly responsible. The greater responsibility, however, rests with the drivers. There are too many irresponsible persons driving cars. Observation shows that these are not confined alone to the younger class of drivers or to the class driving old and worn out cars. Many mature persons driving the better grade of cars do so with a seeming utter disregard of life and limb of pedestrians. They depend on their brakes too much or on their own belief in their skill of handling a car. A duty to humanity calls for saner and safer driving.

An elephant can haul a load of fifteen tons, lift half a ton and carry three tons on its back.

Mr. and Mrs. Robert H. Mueller



Mr. and Mrs. Robt. H. Mueller

A wedding of great interest to Decatur friends of the principals and particularly to the members of this organization, was celebrated at Evanston, Illinois, August 18th, the principals being Miss Louise Adams and Robert H. Mueller, both of this city.

The bride is the daughter of Mr. and Mrs. W. E. Adams, and the groom a son of the late Philip and Mrs. Philip Mueller.

Of special interest is the fact that the Adams and Mueller families have been life long intimate friends. The late Philip Mueller and W. E. Adams were at one time business associates and beyond that, W. E. Adams, for many years a master plumber, learned his trade in the Mueller shop, beginning under the late Hieronymus Mueller.

The marriage ceremony was performed by the Rev. A. S. C. Clarke, in the Second Presbyterian church at Evanston in the presence of members of the families and a few intimate friends.

Mrs. Mueller's wedding gown was a navy blue silk traveling costume with accessories of the same color. She wore orchids. Congratulations and farewells were said and Mr. and Mrs. Mueller entered their automobile and left for Wisconsin. They remained at Lake Tomahawk until early September. They are now at home at 2031 N. Edward street.

Robert H. Mueller, or "Bobby," as his friends and associates know him, is in charge of the division of research and development in the Mueller Co.

The Decatur people who attended the wedding were:

Mrs. Philip Mueller,
Mr. and Mrs. W. E. Adams,
Mr. and Mrs. Lucien W. Mueller,
Mr. and Mrs. Frank H. Mueller,
Mrs. A. V. Brownback,
Joseph Brownback,

Mrs. Fred Kaiser,

Mrs. Bessie Peters.

On the evening preceding the wedding, the bride and groom together with relatives, were entertained at dinner in the Evanston home of Mr. and Mrs. David W. Scott. Mrs. Scott is a sister of the bride.

MACHANEY-LOWE

The marriage of Mrs. Margaret Machaney, daughter of Mr. and Mrs. W. P. Deverell, and Earl W. Lowe, son of Mrs. Mary Lowe of Clinton, took place on August 14th at 9:30 o'clock in the morning, at the home of the bride's parents. Rev. Virgil Thompson officiated.

The bride wore an ensemble of brown and tan with brown accessories, and carried sweetheart roses and baby's breath. She has been employed in the law office of E. V. Wierman for a number of years. Mr. Lowe is a member of the engineering department of the Mueller Co.

After a motor trip to Chicago and Wisconsin, the couple are now at home in 748 West William street.

FORMER EMPLOYEES' REUNION

Nine old friends, all of whom worked in the main office of the Mueller Co. some fifteen or more years ago, had a party and reunion in the home of Mrs. Frank Dunston, 539 S. Stone street, on Wednesday afternoon, August 24th. In the party were Mrs. Frank Dunston, formerly Ethel Ayres; Mrs. Jim Keating, formerly Theresa Urban; Mrs. Jim Rodie, formerly Margaret Safar; Mrs. Russel Meeley, formerly Rose Safar; Mrs. O. L. Brehm, formerly Mary Ayres; Mrs. Jessie Lewis, Callie Niemeyer, Mrs. Jim Keller, formerly Viola Costello, and Mrs. Fred Harry Kemper, who was Sophia Costello.

Hughes & Co., Spokane, Wash.



Reading from left to right—E. H. Hughes, T. B. Hughes, F. E. Hoskin, O. F. Hedman, Mrs. Emily Burns, H. C. Counsell, F. C. Benway, C. E. Erickson, Geo. Winton, Norman Lang, Tom Winton, Harry Parker.

Here is a picture of Hughes & Co.'s wholesale plumbing supply house with the company members and force lined up in front.

A substantial and successful company is indicated by the picture. It shows in the building and the personnel. Hughes & Co. Supply House is not a new undertaking.

Mr. George H. Hughes laid the foundation for the business when he established himself in Spokane in the heating and plumbing contracting business. That was in 1890—forty-two years ago. After eight years he discontinued the plumbing business and opened a wholesale supply house.

The present name was adopted in 1906. Mr. Fred J. Dullanty was the first salesman for the company, beginning in 1903. Mr. E. H. Hughes and Mr. T. B. Hughes

are carrying on the business with the assistance of Mrs. Sarah E. Hughes. The present officers are:

Edward H. Hughes, President.

Mrs. Sarah E. Hughes, Vice-President.

T. B. Hughes, Secretary-Treasurer.

Since the year this company was founded in 1890, they have been customers of Mueller Co.

We never see the other side of the moon because the moon turns upon its axis in the same time that it takes to complete its revolution around the earth.

First Voyager (to seasick companion)—Is there anything I can do for you?

The Sick One—Yes, bring me a small island.



Reading from left to right—J. L. Boyle of Mueller Co., Howard F. Moore, F. J. Dullanty, Carl E. Brandt, H. C. Wiseman, Frank Thompson (customer), H. W. Frederick, Mrs. Mabel Brown, J. M. Dutton, Mrs. Theresa Love, H. W. Smith.

COLLEGE HUMOR

**Sad Tale from Old Bay State**

There was once a man from Nantucket

Who kept all his cash in a bucket;
But his daughter, named Nan,
Ran away with a man,
And as for the bucket, Nantucket.

—Princeton Tiger.

Check and Double Check

"Be more thrifty," wrote the very extravagant boy's father. "While you are reading this letter, Henry Ford is saving eleven dollars."

"That's fine," replied the college sophomore, "but while you are reading this I am cashing your check for fifty."

Sun Tanned Brown

He—Dearest, your stockings are wrinkled.
She—Oh, you brute! I haven't any on.—Master Padlock.

Double Qualification

Smith—So you're setting your boy up in the bakery business?

Jones—Yes, he's so keen for dough and such a swell loafer that I'm sure he'll rise in the business.

Aw, Hush

A "miniature" cocktail
Will put you to rout;
One little drink,
In a miniature out.

A Life-and-Death Matter

Customer—I was told to buy either a caserole or a camisole and I can't remember which.

Clerk—Ah! Is the chicken dead or alive?

Right Department

Ed—What did the boss do when you told him it was triplets?

Joe—He promoted me to the head of my department.

Ed—What department are you in?

Joe—Production.

The Right Sign

She—What would you do if I started to cry?

He—I guess I'd hang out a sign, "Wet Paint."

Which, What?

"Did you hear the funny thing that happened when Mable walked out in her tight-fitting, knitted bathing suit?"

"No; what?"

"My, it was a side-splitting yarn."—Cornell Widow.

And Only Half of That

Coudert—Does she wear too thin skirts?

Horsefall—No, only one.—Yellow Cat.

Both Knew One Word

They laughed at me when I spoke to the waiter in Italian, but he came right back with some Scotch.

Let-Her

"Are you a letter man?"

"No, sir. She might want to, but I don't letter."—Carnegie Puppet.

"Gotta Sweetheart?"

"I did have."

"Where is she now?"

"I put her back in circulation."

"What do you mean by 'gold-digger'?"

"A gold-digger is a girl that 'mines' her own business."

GAS HEATED CAPITOL**Modern Methods Used in Louisiana's Magnificent New State Building.**

The new \$5,000,000 Louisiana State Capitol Building, at Baton Rouge, Louisiana, symbolic of a new era in Louisiana's history, is 33 stories high and is the tallest in the South.

The heating plant is equipped with four boilers; three 250-horsepower low-pressure Kewanee boilers and one 50-horsepower high-pressure Kewanee boiler, all four boilers being of the fire box type. Gas from a 4-in. high-pressure line is metered at 8-oz. pressure and fed to the boiler burners at 4-oz. pressure. Each of the boilers is fired by two entrained combustion burners. Each of these burners fires against a vertical checkered baffle wall placed at a 60-deg. angle with the direction of the flame. This baffling arrangement diverts the flame from each burner toward the center of the furnace and serves as an excellent refractory.

The radiation in the building totals 22,000 sq. ft.; 15,700 sq. ft. of cast-iron radiators and 7100 sq. ft. of radiation. This radiation is operated in conjunction with a ventilation system installed in the Legislative Chambers of the Memorial Hall. Besides purifying the air, this system will warm and humidify the air in the winter time, and cool and dehumidify it in summer.

The whole heating and conditioning system was designed to give a maximum of cleanliness, convenience, and efficiency. This is the chief reason why gas was chosen in preference to oil as fuel for heating this modern and magnificent structure.

A WORLD'S FAIR FEATURE

A Group of Modern Homes with Everything that Gives Health, Comfort and Happiness.

The Home and Industrial Arts Show of "A Century of Progress Exposition"—Chicago's 1933 World's Fair—will command the attention and interest of thousands of visitors. Every person is interested in homes. The progress made in home building and home equipment in the past century smacks of the magic wand. Children of today have no conception of the arduous duties imposed on their grandparents. Housekeeping in their day was a fight for existence. Homes of the period were built of good materials but the lack of equipment, which today makes even the more modest homes comfortable, inviting, convenient and sanitary, was absent. The blessing of comfortable heat in the winter imposed heavy trials in winter, and in the summer the blessing of protection against insects and of artificially cooled air were unknown to our grandparents.

At the coming fair the show will be a story of the home as a place to live and enjoy life.

The plans of the show call for eight modern homes. These homes will nestle on the shore of Lake Michigan with lovely gardening and landscaping effects. The idea is not to show how gorgeous a home a rich family can have, but to demonstrate what can be done to provide better homes for less money for the majority of the people. The most recent developments in kitchen planning, refrigeration, heating, plumbing, air conditioning, etc., will be shown.

In connection with this group of modern homes a building close by will house displays of house furnishing equipment, including such products as glassware, silver, leather, metals, fabrics, in short, everything which enters into the scheme of equipping and decorating a home for efficiency in operation and comfort in living.

This stupendous undertaking gives promise of being one of the most attractive displays on the fair grounds.

ALBERTA CHALCRAFT KILLED

In a head-on automobile collision near Decatur on the night of September 8th, Alberta Chalcraft, age 14 years, was killed. Her sister was seriously cut and bruised and five other persons seriously injured. The Chalcraft girls are daughters of John Chalcraft, employed by our company. Both are well known in the organization because of their appearance in dance revues. They were members of Miss Van Dyke's class of daughters of Mueller employes and were quite talented.

Co-ed—What makes the tower of Pisa lean?

Ed—It was built during a famine.

OLD TIMERS

Frank H. Zetterlind, who has completed fifty-two years of service, is confined to his home at 540 W. King street, where he will be pleased to see his old friends.

William Burgess, who had thirty-three years in the foundry and who retired January 1st, has been in poor health this summer. He is living at 1336 N. College street and would welcome visits from his friends.

Andrew D. Black, who retired at the same time, is living with his daughter, Mrs. Pansy Mitchell, at Harco, Illinois. "Blackie" reports that fishing has been good this summer.

W. P. Deverell, another thirty-year man who retired in March, 1931, is employed as a mechanic by the Grigoleit Co.

George A. Weber, who left the grinding room last February after twenty-two years' service, is living on a small farm near Bethany, Illinois. He reports crops good and he is happy in his new line of work.

Van Edwards, another graduate of the grinding division, divides his time between Peoria and Decatur. He has children living at both cities.

J. A. Dill, a thirty-year veteran of the assembly department, just returned from a visit to southern Indiana. He says times are a good deal better in Decatur than in southern Indiana.

Gus Pauschert, who was retired January 1st after twenty-one years in the receiving department, is living at Shelbyville, Illinois, where he and his wife care for Mrs. Pauschert's aged mother.

Theodore Sheppard, who retired two years ago after thirty-four years of service, has one of the finest gardens on any of the Mueller lots. His garden is in the tract north of town.

William Wall, veteran of the grinding department, has been disabled by sickness for about two months.

KEEP YOUR "DICER" ON

A French physician has made a discovery. He finds that men and boys who go about hatless are likely to become criminals, commit suicide or incite revolutions. The sun beating down on unprotected heads excites certain brain cells and numbs others. The doctor also finds that the hatless class are reckless and dangerous automobile drivers. Dr. Toulouse is chief of the mental department of the Rousselle Hospital.

Nobel, founder of the Nobel prizes, owed his great fortune to the discovery of dynamite.

Father and Five Sons Plumbers



Hugh McShane is a plumber at Hopkinsville, Kentucky. Probably every one in Hopkinsville knows this if the rest of the world is uninformed of the fact. Mr. McShane has been in business at Hopkinsville for 27 years. He is more than a good plumber, he is a good, substantial citizen, and has been successful in business. In the picture with him are his five sons, and every one of them is a plumber. He is also the father of five daughters.

The sons are, reading from left to right: Joseph, just out of college; Hugh Jr., in business at Springfield, Tenn.; William F., in business at Glasgow, Ky.; Mr. McShane, father of this quintette of fine looking sons; James, plumber at Paducah, Ky.; Thomas, with his father at Hopkinsville.

Mr. McShane is an old time master plumber. He knows the business in all of its ramifications and is widely known to the plumbers throughout Kentucky.

Mueller Co. is pleased to number Mr. McShane among its friends and patrons.

A PRETTY RIDE

Hard and Dirt Roads About Decatur Present Choice Bits of Scenery.

Here is a beautiful Sunday morning drive for Mueller employees. It gives one a pleasant two hours on hard and dirt roads and reveals some of the choicest bits of Central Illinois scenery. The dirt roads, as a rule, are in fine condition at this season of the year.

Drive out East Wood street and turn down Twenty-Second street to Cantrall. Entering Nelson Park, turn right to the road leading to Lost Bridge. Come back on Lake Shore drive and follow it to a point north of the Elks Country Club, where the drive leads to the northeast, joining Route 10 just west of the William street bridge.

Cross the bridge and follow the new gravel road going about one mile and turn right on the road passing the Decatur Country Club grounds, and then winding down to the Lake Shore to Route 121. Return to the city over Nelson Bridge and follow Wood street to Franklin. Go south over the Lake Decatur bridge, and turn off as if going to the Lodge. Turn left at sign and drive to the Moose Club. On the return trip, jog left a few feet on the County Bridge road to a road which brings you to Route 2 opposite the Vitreous plant. Turn left to the South Side Country Club road and follow this road to Route 48 and back to the city via Route 48.

If you wish to extend the drive and see added beautiful scenery, turn left on Route 48 and near Shady Rest cross the Wabash track and pick up the road to Twin Lakes about three miles west of Decatur. This takes you down the river bottoms and over three bridges close together. Following the road, you are brought out at Route 10 just west of the Fair Grounds. After taking this circuitous route around Decatur, you'll agree that you do not have to go far away to see pretty farm homes, hills and bits of gentle, restful scenery.

WORK FOR OUR BREAD

We are not sent into this world to do anything into which we cannot put our hearts. We have certain work to do for our bread, and that is to be done strenuously; other work to do for our delight, and that is to be done heartily; neither is to be done by halves or shifts, but with a will; and what is not worth this effort is not to be done at all.—John Ruskin.

New Officers Are Named



Mr. Arthur Hewitt

Mr. N. C. McGowen

The nominating committee of the American Gas Association has named the following officers to be elected at the forthcoming annual meeting of the Association, at Atlantic City in October:

For President—Arthur Hewitt, Vice-President and General Manager, Consumers Gas Co., Toronto, Ontario.

For Vice-President—N. C. McGowen, President, United Gas Public Service Co., Houston, Texas.

For Vice-President—Howard Bruce, Chairman of Board, Bartlett-Hayward Co., Baltimore, Md.

For Treasurer—William J. Welsh, Vice-President and General Manager, New York and Richmond Gas Co., Staten Island, N. Y.

For Directors (two-year terms)—H. O. Caster, Cities Service Co., New York, N. Y.; B. J. Denman, Vice-President and General Manager, The United Light & Power Co., Chicago, Ill.; Henry L. Doherty, President, H. L. Doherty & Co., New York, N. Y.; O. H. Fogg, Vice-President, Consolidated Gas Co. of New York, New York, N. Y.; John A. Fry, Vice-President and Secretary, Detroit-Michigan Stove Co., Detroit, Mich.; Samuel Insull, Jr., Vice-President, The Peoples Gas Light & Coke Co., Chicago, Ill.; F. A. Lemke, General Manager, Humphrey Co., Kalamazoo, Mich.; Clifford E. Paige, Vice-President, The Brooklyn Union Gas Co., Brooklyn, N. Y.; T. R. Weymouth, Vice-President, Columbia Gas & Electric Corp., New York, N. Y.

THE GAS CONVENTION

The members of the American Gas Association will assemble at Atlantic City, Oct. 10th for their convention. There have been many developments in the gas industry during the past year. Consequently there will be many new subjects to discuss. The business sessions will be in hotel meeting rooms and not in the Atlantic City Auditorium, as heretofore, and the convention will be in session for three days only. As a matter of

For American Gas Association—Convention At Atlantic City
October 10-11-12



Mr. Howard Bruce

Mr. W. J. Welsh

economy, the annual exhibits of manufactured products has been omitted for this year. The main registration bureau will be at the Hotel Traymore with branches at Haddon Hall and Hotel Ambassador, and the sectional meetings have been divided between these three hotels, the tentative program being as follows:

MONDAY, OCT. 10

Registration, 9:00 a. m., at Hotel Traymore, Haddon Hall, Hotel Ambassador.

Exhibit of Office Labor Saving Devices—10 a. m., Haddon Hall.

Natural Gas Department Session—2 p. m., Ambassador.

First Accounting Section Session—2 p. m., Haddon Hall.

Publicity and Advertising Section Session—3 p. m., Ambassador.

First General Session—8 p. m., Traymore.

Entertainment—10:30 p. m., Traymore.

TUESDAY, OCT. 11

Registration, 9 a. m., at Hotel Traymore, Haddon Hall, Hotel Ambassador.

Second General Session—10 a. m., Traymore.

Second Accounting Section Session—2 p. m., Haddon Hall.

First Commercial Section Session—2 p. m., Traymore.

First Industrial Gas Section Session—2 p. m., Traymore.

First Technical Section Session—2 p. m., Ambassador.

Entertainment—8 p. m., Traymore.

WEDNESDAY, OCT. 12

Registration, 9 a. m., at Hotel Traymore, Hotel Ambassador.

Third General Session—10 a. m., Traymore.

Second Commercial Section Session—2 p. m., Traymore.

Second Industrial Gas Section Session—2 p. m., Traymore.

Second Technical Section Session—2 p. m., Ambassador.

MR. GEORGE B. CORTELYOU

Mr. George B. Cortelyou, president of the Consolidated Gas Company of New York, is an outstanding American citizen and business man. He is a man of wide and varied talents.

Born in New York City, July 26, 1862, he graduated from Hempstead, Long Island Institute in 1879, and Massachusetts State Normal School in 1882. From 1883 to 1885, he was a law reporter in New York. For four years following, he was principal of several colleges.

In 1889, he entered public service as private secretary to the surveyor of the Port of New York and then to the Fourth Assistant Postmaster General. November, 1895, Mr. Cortelyou became a stenographer for President Cleveland. In 1896 he was named executive clerk. He was assistant secretary to President McKinley in July, 1898, and secretary to the president April 13, 1900, which position he also held under President Roosevelt.

February 16, 1903, he was named as the first secretary of the newly created Department of Commerce and Labor.

March 7, 1905, he was named Postmaster General. March 4, 1907, he was made Secretary of the Treasury, serving until the close of Roosevelt's term.

From 1904 to 1907, he was chairman of the Republican National Committee.

On leaving the cabinet, March 9, 1909, he became president of the Consolidated Gas Co. of New York.

A busy and useful life with a record that is unsullied.

Mr. Cortelyou makes his home in Huntington, L. I.

WILLIAM J. WELSH, PRESIDENT

Mr. William J. Welsh has been elected president of the New York and Richmond Gas Company, Staten Island, N. Y. Mr. Welsh is one of the outstanding figures in the gas industry. He has a wide acquaintance throughout the country because of his prominence in the industry and his activity as a member of the American Gas Association.

Left in Doubt

She—Did you tell your father over the phone we were engaged?

He—Yes.

She—What did he reply?

He—I'm not sure whether he replied, or whether the line was struck by lightning.—The Bison.

GREAT FALLS VETERAN



August Bergstrom is the dean of city employees in the city of Great Falls, Montana. He is the foreman of the municipal water department. He has been identified with that department for 41 years. He is the oldest employe in Great Falls in point of service.

Born in Sweden, Mr. Bergstrom came to America in 1888, but February 28, 1893, he located in Great Falls and there he has remained.

The municipal water plant had its conception in January, 1888, when Ira Myers made plans for the utility. In November of the same year, T. E. Collins, Myers and E. G. Maclay were granted a franchise by the city council. A \$150,000 bond issue was floated to finance the project.

The water company was acquired by A. G. Phelps in 1893 and among the employees was Mr. Bergstrom, who commenced his service with the company on June 16, 1891. On Nov. 3, 1898, the city of Great Falls acquired the water system due largely to the efforts of the late R. J. Fitzgerald, who was then mayor.

When Mr. Bergstrom entered the service of the Great Falls Water company there were but 172 services. Today there are well in excess of 5,000.

Speechless

Mother—What did your father say when he saw his broken pipe?

Innocent—Shall I leave out the swear words, mother?

Mother—Certainly, my dear.

Innocent—Oh, he didn't say anything.

HAND MADE IRON FENCE



Adolph Mueller was looking for an iron fence to put along the side of his place that borders Home Avenue. He was unable to find a ready made fence to his liking, and then he remembered that William Seeforth, our blacksmith, did not have steady work in the shop. Mr. Seeforth was instructed to build a fence, and of course he did a good job. It is a neat, strong, graceful iron fence, well suited to its rustic surroundings. He is shown in the picture adjusting the fastener at the gate. This fence is a product of hand labor in which Mr. Seeforth takes a just pride.

IN THE WORLD OF BOOKS

The well-known aphorism of Bacon tells us that "reading maketh a full man." Generations of men have discovered the truth of this dictum.

The reading of books is always deprovincializing. It widens our horizons by extending our acquaintance with men and women and the world in which we live.

Through books we can transcend the limits of time and place. We can sail distant seas and climb remote mountains. We can look into the souls of men of every type and every generation. How genuinely human are the men and women whom we meet in this world of books. Age cannot stale them nor custom wither.

We can tilt at windmills with lean old Don Quixote and little fat Sancho Panza. We can hold converse with Mantuan Virgil, "lord of the landscape, lord of language." We can listen to the thunders of the blunt old doctor while Boswell's busy pencil does not cease to write. We can hold converse with Lady Macbeth or Mr. Pickwick. Our companion may be Othello or Bartley Hubbard, Tom Sawyer or Tom Brown, Polonius or Becky Sharp. Literature enlarges a man's world.

BRITISH GAS MEN

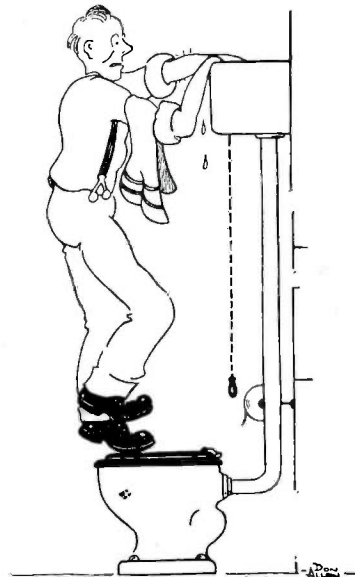
A large group of British gas executives and engineers will visit the United States and Canada next year for a tour of the two countries and to attend the annual convention of the American Gas Association. This announcement has been made by R. W. Gallagher, president of the latter organization, who, with Hugh McNair, of Winnipeg, president of the Canadian Gas Association, extended an invitation to the British to visit America.

J. R. W. Alexander, secretary of the British Institution of Gas Engineers, has advised American Gas Association headquarters in New York that the Council of his organization, in accepting the invitation, plans to be here in September and October, 1933, with numerous gas men from England, Scotland, Ireland and from the Continent, in many cases accompanied by their wives.

Deep interest in every phase of the gas industry in America, its history, developments and achievements, its rate forms and industrial growth, and use of natural gas, was noted by President Clifford E. Paige and Managing Director Alexander Forward during their visit to the annual meeting of the Institution in London in June, 1931. According to Secretary Alexander, the members are looking forward with enthusiasm to their visit.

While the event is more than a year away, preliminary arrangements already are being made by leaders of the gas industry of the United States and Canada to receive and entertain the visitors.

HIS MORNING TOILET



Derned if these city fellows don't find a heck of a place to put the wash basin.

Mueller Employes Make Gardens



Last spring, fifty-five Mueller employes applied for garden plots. These were located south, southwest, and north of town. The tracts were 150x45 feet. The Mueller Co. provided the land, plowed and harrowed it. Employes were free to raise what they would upon the ground, keep it clear of weeds and return it in good shape in the fall.

The upper picture shows the gardens between the Wabash railroad and Route 48. The photographs were taken last spring.

In the meantime large quantities of vegetables of many kinds have been harvested from this tract, and more will follow. The picture below shows the tract between Route 2 and the Illinois Central railroad.

This has been an excellent growing season and returns from the gardens have been good. A tract of this size, if properly tended and all the surplus preserved, will save from \$60 to \$75 on food bill for a family of six.

Never leave that till tomorrow which you can do today.—Franklin.

A DEAR SCHOOL

"Experience keeps a dear school, but fools will learn in no other, and scarcely in that; for it is true, we may give advice, but we cannot give conduct. Remember this: They that will not be counseled cannot be helped. If you do not hear reason, she will rap you over your knuckles."

ECHOES OF PICNIC

In the picnic edition of the Mueller Record, credit was not given to all those who helped to photograph the contests. Scenes and incidents of the day were photographed by E. H. Langdon, Clarence Rubicam, O. C. Keil, and Helen Pope. The pictures were unusually good this year.

The picnic was held on July 16th, which was the 100th anniversary of Hieronymus Mueller's birth. September 7th marks the 75th anniversary of the founding of Mueller Co. interests in Decatur.

A number of souvenir balloons were released picnic day by General Supt. Roarick, but no one has notified us of having found one of these toys. When inflated with gas these balloons sometimes travel a long distance. At a former picnic, Attorney A. G. Webber, Jr., attached a note to a balloon and released it. A few weeks later he received a note from a citizen of Ontario province, Canada, saying that he had picked up the balloon.

Many of our organization express pleasant surprise at the increasing beauty of Mueller Heights. Each year's development adds to the charm of the surroundings. During the summer the company kept at work a considerable force of factory men. The men would otherwise have been out of employment.

I love children. They do not prattle of yesterday; their interests are all of today and the tomorrows. I love children.—Richard Mansfield.

Mueller Families at the Picnic



Merle Cunningham, wife, and Richard Lee and Wanda Lou. Mr. Cunningham is in the polishing department.

Eugene Benzene, wife, and six children. Three of these six little folks are old enough to go to school. They are David, Mary, and John. Mr. Benzene is a polisher.

Chester Priddy of the shipping department and wife and Frances Gertrude, who attended her first picnic this year.

OFFICE BOY TO SUPERINTENDENT

W. H. Rapp Has Been With Atlanta, Ga., Water Works 41 Years.

Atlanta, Ga., has a veteran water works man in the person of W. M. Rapp. For forty years he has devoted himself to the interests of the water works of that famous southern city. Even that long period has not dimmed his energy and interests. Mr. Rapp joined the water works department on April 25, 1885, as an office boy and meter reader, and he received the munificent salary of \$1 per day. At that time Atlanta had only 21 miles of mains. Now the mileage is between 500 and 600. Mr. Rapp worked for several years in the office and as meter reader, and then was made foreman of pipe laying and repairing. In 1892, when construction work began on the new water works located at Chattahoochee river and Hemphill station. Mr. Rapp was placed in charge of all main laying and connections at the pump house and filter plant. In 1903 the construction and distribution departments were consolidated and Mr. Rapp was made superintendent.

Mr. Rapp has had much to do with the development and improvement of the Atlanta water works. Nearly a half century has failed to dim his enthusiasm or his love of the work. He is a Mason, Shriner and Elk, a competent water works man and an all-around good fellow and a good citizen.

WAIT TILL I GET THROUGH

Paul Laurence Dunbar was a negro of pure African blood, and a native of Dayton, Ohio, where he graduated from High School in 1891, and went to work as an elevator boy. His father was a former Kentucky slave. He early showed a love of poetry and published his first volume in 1893. Men like William Dean Howells and James Lane Allen were impressed by his genius and commended his work. In 1897 he was appointed to a position in the Congressional Library, but contracted consumption and died soon thereafter. His works are regarded as expressive of the sentiments of his race. While many of his poems are in negro dialect, some of his best efforts are in conventional English. Here is a verse from the pen of this talented negro:

The Lord Had a Job

The Lord had a job for me, but I had so much to do,
I said: "You get somebody else, or wait 'till I get through."
I don't know how the Lord came out, but he seemed to get along;
But I felt kinda sneak-in' like, 'cause I know'd I'd done Him wrong.
One day I needed the Lord—needed Him myself—needed Him right away,
And he never answered me at all, but I could hear Him say,
Down in my accusin' heart, "Nigger, I'se got too much to do—
You get somebody else or wait 'till I get through."

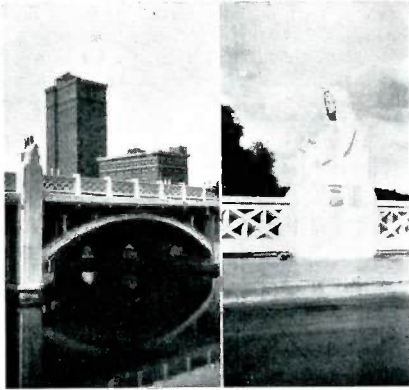
—Paul Laurence Dunbar.

Too Personal

Liza—Ah wants to git a pair o' shoes fo' mah little gal.
Shoe Salesman—Black kid?
Liza—Yo' mind yo' own business and git de shoes.

AURORA'S NEW BRIDGE

Beautiful Structure Over Fox River Has New Features.



The city of Aurora, Illinois, has a new nine-arch Memorial Bridge which spans Fox River. It is a beautiful structure, as it should be. Fox River is one of the prettiest and most picturesque streams gently flowing in the state of Illinois. The bridge has some unusual features—original hand rails, light fixtures, lamp posts, and pylon figures—the work of Emory P. Seidel, a prominent sculptor of Chicago. These figures are cast from concrete.

"This was Mr. Seidel's first serious effort in working with concrete," says American City, "but the results were so satisfactory that he recently declared that the ease with which concrete could be molded into decorative designs opened up an almost untouched field in bridge construction. What may be done with concrete is symbolized in the pylon figures of the Aurora bridge. Two of these figures are at each end of the bridge on opposite sides. The design is that of a woman holding a soldier's helmet and a wreath in her lap. At night, lamps concealed in the helmets light the faces of the figures. These rise about ten feet above the bridge floor and are cast in one piece along the pylon, giving the end piers both a substantial and a beautiful appearance.

"These four similar pylon figures were cast in place on the bridge. The plaster molds were placed on top of the pylons and then filled with concrete. Neat concrete made with sand and containing a larger proportion of cement was first placed in the mold. Then heavy concrete containing larger aggregate was dumped on top and forced downward so that all crevices of the mold were completely filled. It was necessary to cast the plaster molds from two clay figures to obtain a proper facing of the hands. Each mold was used for two figures.

"Mr. Deuchler has determined from his figures on the Aurora bridge that satisfactory decorative features may be given to bridges by adding only 4 or 5 per cent to the cost of the structure. In the Aurora

bridge the decorative cost was about 10 per cent, but much of that was consumed by the central bronze figure, 'Memory.'"

Mr. Walter E. Deuchler, city engineer of Aurora, is credited with the conception of the bridge. Aurora has reason for feeling proud of him, and the bridge.

LOCAL SWIMMING CHAMPION

We have with us a Johnny Weissmuller, but his name happens to be Gerald Preshaw, Jr., known to his friends as Jerry. He is the son of Gerald Preshaw of the cost department. Jerry is an all around juvenile athlete, and a boy scout. About a year ago he was an outstanding contender for first prize in the miniature golf tournament. Now he has distinguished himself in aquatic sports. The Decatur Herald says:

"Swimming 100 yards in one minute and 42 seconds, Jerry Preshaw won first place



Left, Scout Master Odie Walker; center, Jerry Preshaw, champion swimmer; right, Junior Keil.

as well as established a new record during the Gra-Y swimming meet held in the Y. M. C. A. pool Wednesday morning. He was followed second by Ora Wilson.

"The meet included races, distance swimming and other games of competition between five Gra-Y clubs. The Panther chapter won first place in the contest with 29 points, followed by the Pioneer chapter with 28 points."

The young athlete did not consider the accomplishment of any great moment and did not report it at home. His father learned of it when he read his morning paper.

At the end of the seventeenth century, in Canada, a bounty was offered to all men who married under the age of twenty.

Experts have estimated the age of a cypress tree growing in Tallahassee, Fla., at from 2000 to 2800 years.

KNEW GENERAL LEW WALLACE

W. R. Burckles, Carrollton, Ky., a Plumber of the Old Days.



W. R. Burckles of Carrollton, Kentucky, has had a long experience in the plumbing business, beginning with W. H. Mattock and father, Louisville, Ky. He served his time as a lead worker, gas and steam fitter. Those were the days when a plumber had to make all kinds of lead bends and traps from 4 inches down to 1½ inches by hand. In many places the water supply was secured from a large tank in the attic which was filled by the city water works or by use of a force pump at the cistern.

In his younger days, Mr. Burckle did considerable traveling. He has a happy recollection of doing work for General Lew Wallace of Crawfordsville, Indiana, the celebrated soldier and author of "Ben Hur" and "The Prince of India." He found the general a kindly, considerate and companionable man, unaffected by the great honors he had won. He passed one Sunday afternoon with the general under the shade trees in his yard, while he was at work on "Ben Hur."

Mr. Burckle has a distinct recollection of the old zinc and copper lined bath tubs and hand-made showers, and has a fund of memories through which he traces most interestingly the development of plumbing and plumbing goods as they are today. He recalls that he at one time worked for Theodore Ahrens, now of the Standard Sanitary Co., and he wonders if Mr. Ahrens remembers "the days when he kicked a lathe in his father's shop and how many gas cocks he helped his father turn out by hand."

"While working at Montgomery, Alabama," says Mr. Burckle, "I first used a

Mueller Tapping Machine, which I continued to use afterward and have always recommended it for water and gas main tapping, and it has never yet had an equal for that work."

"I am now past 67 years of age. At 53 I could wipe fifty joints on Mueller goose-necks with ⅝ inch extra heavy strong lead pipe tinning solder nipples, all in eight hours time. I can still do any kind of lead wiping. I haven't seen any copper water boilers for a long time. We used to wipe the head and ends in with spuds."

TWO STRANGE CITIES

One Farthest North, Other Farthest South
—Months of Darkness and Daylight.

There are two cities in the world unknown to fame or fortune except in the eyes of scientists and sea-faring men. The average person does not know anything about them, although they have individuality in location, daylight and darkness. One is the northernmost city in the world. The other is the southernmost city in the world. The first is Hammerfest, Norway. The other is Magallanes (formerly Pointa Arenas), Chili. Despite the thousands of miles separating them, they have many things alike, particularly their long nights of darkness and few days of sunlight.

In May, June and July the residents of Hammerfest never see the sun set, and from the first of August until the middle of April they never see it rise—never, in fact, see it at all—except in a vague and hazy way at noontime, when it modulates the darkness into a sort of twilight. And the days and nights in Magallanes, also, are long, long days and long, long nights.

At the most northerly point of the city of Hammerfest stands a meridian column with an inscription in both Norwegian and Latin, which, translated, reads as follows:

"The northerly end point of a meridian of twenty-five degrees twenty minutes going from the Northern Ocean to the River Danube through Norway, Sweden and Russia, measured by order of Their Majesties King Oscar I, Emperor Alexander I and Emperor Nicholas I in an uninterrupted survey from 1816 to 1852 by geometers of these three nations."

THE ELEPHANT CAR

The Pennsylvania railroad is experimenting with a seventy-foot box car. It carries five automobiles without special blocking or half decking, and they are unloaded through an end door. Big as this experimental car is, it is not the longest in use today. Ringling Brothers, Barnum & Bailey have a steel elephant car which is 72 feet 11 inches in length, with truck centers 60 feet 6 inches apart. The circus also has stock cars 73 feet 10 inches long, and steel flat cars which measure 72 feet 11 inches.

AUTO LINE



Nothing New

Truck Driver—Lady, you've got a flat tire.
Woman (driving with hubby)—I can't help it; I'm married to him.

No Clutch Trouble A'Tall

The other evening a couple hailed a taxicab. The cab went jerking along for a while and presently the driver exclaimed:

"My, what a clutch."

"Say," came an indignant feminine voice from the rear, "you keep your eyes to the front. This is none of your business."

It Really Hurt

"This hurts me more than it does you," remarked Police Judge Cavin Muse of Dallas, Texas, when he fined his daughter \$10 for speeding, and \$3.00 for running past a stop sign, and then dug down and paid the fines himself.—Schenectady Union-Star.

She Knew Him

Bump—Has your wife learned to drive the car yet?

Bumper—Yes, in an advisory capacity.

Among My Souvenirs

There's nothing left for me
Of the car that used to be,
I sit in misery

Among my souvenirs.
Some tires and spokes—a few,
A nut and bolt or two
I see a fender, too,

Among my souvenirs.
A piece of wind shield there,
Some cushions shedding hair,
And in my pants a tear,

To bring me desolation.
Resolved that never again
I'll try to beat the train
Ouch! another pain,

Among my souvenirs.

—Southern Pacific Bulletin.

Liquid Eight

"That's a good-looking car. What's the most you ever got out of it?"
"Eight times in a mile."

An Apt Pupil

Policeman—Miss, you were doing sixty miles an hour!

She—Oh, isn't that splendid! I only learnt to drive yesterday.

THE PROBST FAMILIES MEET



Harold A. Probst, traveling out of our New York office with headquarters at Syracuse, New York, accompanied by his wife and son, Richard Eugene, have just finished a pleasant vacation visit to relatives and friends in the old home town—Decatur. They drove through and stopped one day in Detroit to visit Harold's brother, Delbert and family. The Probst brothers were at one time both members of the Decatur organization, Harold in the sales department and Delbert in the Engineering department. The latter is now in the engineering department of the Hudson Motor Car Company at Detroit.

The snapshot here printed was made at Detroit, and reading from left to right, shows Delsie Marie, daughter of Mr. and Mrs. Delbert Probst; Richard Eugene, son of Mr. and Mrs. Harold Probst; Mrs. Delbert Probst, Mrs. Thelma Probst, Harold Probst, and Delbert Probst.

NEW MEANING TO ERMA

September 7th had a double significance to Erma Barth, first because it was pay day, and second because it was her birthday, but the date took on a new meaning shortly after 3 o'clock when she was waylaid by three of her co-workers and forcibly spanked. After hearing Erma remark that she wondered how many had witnessed this humiliating spectacle, we concluded all those who did not see it should at least be advised. She is now "sweet sixteen" and spanked, and Erma adds "And how!"

Government scientists have estimated that more than 513,000,000 tons of soil are washed into the oceans by rivers in the United States each year.

Ptolemy of Alexandria is the greatest figure in ancient astronomy, and his discoveries and the doctrines he laid down held sway over the minds of men for at least 1400

Regulations for Voting

(Courtesy of World's Almanac and Book of Facts)

With the coming national election, Nov. 8th, it is interesting to know that qualifications for voting are not the same in all states; neither are the disqualifications. The time of residence in state, county, and precincts is not the same. Below is to be found the qualifications required and the disqualifications which keeps certain classes of citizens from exercising the privilege of voting.

State	Citizenship & Other Special Qualifications	Felons, Idiots, Insane, and Special Personal Disqualifications.
Alabama	Poll tax, property, read or write, employment.	Election crimes, bribery.
Arizona	Read and write	Malfeasance, vagrants, tramps.
Arkansas	Declarants, poll tax.	Persons under guardianship.
California	Read constitution and write name.	U. S. soldiers and sailors.
Colorado	.....	Bribery, malfeasance, Chinese.
Connecticut	Read constitution, good moral character.	Persons under guardianship.
Delaware	Read constitution and write name.	Bribery, duelling.
Florida	Read constitution, write name, payment of poll tax.	U. S. soldiers and sailors, bribery, paupers.
Georgia	Read and write.	Duelling, bettors on election, bribery, malfeasance, under guardianship.
Idaho	Registration.	Delinquent tax payers.
Illinois	.....	Teachers of polygamy, election crimes, persons under guardianship.
Indiana	Registration.	Convicts.
Iowa	Registration.	Election law violators.
Kansas	.....	U. S. soldiers and sailors.
Kentucky	Registration.	Persons under guardianship, bribery, duellists, dishonorably discharged officials.
Louisiana	Read and write, registration, understand constitution.	Bribery.
Maine	Read constitution and write name unless a voter before 1893.	Inmates of charitable institutions except Soldiers' Homes, indicted persons.
Maryland	Registration, read and write.	Indians not taxed, persons under guardianship, bribery, paupers.
Massachusetts	Poll tax, read constitution and write name.	Election crimes, bribery.
Michigan	.....	Paupers, persons under guardianship, election crimes.
Minnesota	.....	Felons, idiots, insane.
Mississippi	Poll tax, read constitution.	Persons under guardianship, U. S. soldiers and sailors.
Missouri	.....	Duelling, delinquent tax payers, bribery.
Montana	.....	Soldiers, sailors and paupers.
Nebraska	.....	.....
Nevada	Registration.	U. S. soldiers and sailors.
New Hampshire	Read constitution and write.	Chinese, duelling.
New Jersey	.....	Non-tax payers, paupers.
New Mexico	.....	Paupers.
New York	Literacy test.	.....
North Carolina	Read and write, registration.	Bribery, bettors on elections.
North Dakota	.....	Persons under guardianship, U. S. soldiers and sailors.
Ohio	.....	U. S. soldiers and sailors.
Oklahoma	Registration, read and write.	Persons in poor houses except Confederate and Federal soldiers.
Oregon	Property, read, write English, registration.	Chinese, soldiers and sailors.
Pennsylvania	Payment of state or county tax within two years.	Non-tax payers, bribery, election crimes.
Rhode Island	Registration.	Persons under guardianship, paupers, bribery.

State	Citizenship & Other Special Qualifications	Felons, Idiots, Insane, and Special Personal Disqualifications.
South Carolina	Taxes on \$300 worth of property, read or write.	Duelling, bribery, election crimes, paupers.
South Dakota	.....	Persons under guardianship.
Tennessee	Must understand and mark ballot, poll tax.	.....
Texas	Poll tax.	Paupers, duelling, bribery, U. S. soldiers and sailors.
Utah	Registration.	Election crimes.
Vermont	Freeman's oath, good behavior.	Election bribery.
Virginia	Read and understand constitution, poll tax registration.	U. S. soldiers and sailors, paupers, bribery, duelling.
Washington	Read and write English.	.....
West Virginia	.....	Paupers, U. S. soldiers and sailors, bribery.
Wisconsin	.....	Persons under guardianship, bettors on election.
Wyoming	Read constitution.	.....

FOUR ECLIPSES THIS YEAR

A Small Item in the July Record Calls for Correction.

A very small, incorrect and inconspicuous item of news in the July issue of the Mueller Record stated that there would be no eclipses visible in the United States this year. It was not small enough or inconspicuous enough to escape the attention of Mr. Arnold Roark of the Charlotte (N. C.) Supply Co., who wrote us as follows:

"In your issue of the Mueller Record for July, page 5, you state there will be no eclipses visible in continental United States in 1932.

"There will be an eclipse of the sun, Wednesday, Aug. 31st, total for a band approximately one hundred miles wide, passing through Canada and the upper New England states and varying from 10% to 97% of totality over the balance of the U. S."

We thank Mr. Roark for bringing this to our attention. The Record seeks to be correct in all its statements. This clipped item got us in trouble. By consulting an authority, we find that there is a total of four eclipses in the United States this year, three of them having already occurred.

First: The annular eclipse of the sun, March 7th, visible generally in Australia.

Second: A partial eclipse of the moon, March 22nd, visible generally in eastern Asia, Australia, the Pacific ocean, North America, except the northeastern part, and the extreme west part of South America.

A total eclipse of the sun just passed, Aug. 31st. The path of the total eclipse crossed the northeastern part of the United States and Canada. Cities in the United States and Canada in the path of totality, according to the World Almanac, were:

Chatham, Provincetown, Gloucester, Haverhill, and Newburyport, Mass. Exeter, Portsmouth, Dover, Concord, Laconia, Ossipee, Lancaster, and Woodville, N. H., St. Johnsbury, Guildhall, Hyde Park, and Newport, Vt. Alfred, Saco, Portland, Auburn,

Bath, and S. Paris, Maine. St. Johns, Montreal, Farnham, Waterloo, Sorel, Three Rivers, St. Gabriel, Clova, Parent, and Cann, Canada.

Fourth: The fourth and last is an eclipse of the moon, September 14th. The ending will be visible generally in the northeastern part of North America.

J. E. ULLMAN ENJOYING HIMSELF



Joe Ullman of Collinsville, Illinois, a lover of the gun and rod, and also of the Okaw bottoms near the Mueller Cabin. When he grows weary of business, he forgets it by going over to the Okaw, where he recuperates by hunting and fishing. On one of these trips when Adolph and others were at the cabin, Ed Stille caught Joe seated on a log waiting for game. Ed shot him on the spot with his kodak. The surroundings and the shadows make Joe look something like the silent, smoky Indian that Kipling writes about.

DARKTOWN STUFF



Pick It Duty

Boss—So your boy was in the army, Mose?

Mose—Yassah, he was on picket duty.

Boss—Picket duty—what's that?

Mose—Well, sah, he wuked in de kunnel's kitchen, an' 'ebry time de kunnel wanted a chicken, mah boy had to pick it.

Ain't This Ripping.

Rastus—Say, Sambo, that certainly am some tear you give your britches when yo' slid into second base.

Sambo—You is right, boy. Dey come mighty nigh to callin' dis game on 'counta darkness.

Mind Your Traffic Signal, Rastus!

"Miranda, whassat light shin' in yo' eyes?"

"Tha's my stop light, Rastus."

Knew Her Stuff

"Mose, you lazy rascal, do you think it right to leave your wife at the washtub while you spend your time fishing?"

"Oh, yassuh, mah wife doan need no watchin'. She'll wuk jes as ha'd as if'n Ah wuz dere."

Not a Deserter

In a court room the other day Judge White was reproving a colored man for deserting his wife, and dwelt at great length on the injustice he was doing. "Wife desertion is something, Rastus, that I must deal with severely, I'm afraid, and I feel very strongly on this subject."

"But, Judge, you don't know that woman. I ain't no deserter, I'se a refugee."

Lesson in Latitude

"Ephraim has a wide acquaintance."

"Yes, I saw him with her last night."

Cafeteria Blacksmith

"What is you all doin' now, Rastus?"

"I'se a cafeteria blacksmith."

"What do you do?"

"I shoo flies."

Modern science says that the apple contains juices which enable us to derive the best value from other food we eat.

A NEW LINCOLN MEMORIAL



The newest memorial to Abraham Lincoln, depicting him as a Hoosier youth at the age of 21 years, was recently unveiled with fitting ceremonies at Ft. Wayne, Ind. The statue was executed by Paul Manship, a celebrated New York sculptor.

Manship's conception of Lincoln presents the young frontiersman leaning easily against an oak stump, symbolic of his sturdy background. A true American hound dog such as the boy Lincoln always had for company in his pilgrimages through the woods is resting its nose against Lincoln's knee; the familiar rail-splitting ax is in the foreground; and in Lincoln's hand is a book such as he frequently carried with him. On each face of the pedestal is to be a group of figures in medallion form, representing some of the characteristics with which Lincoln's name is always associated—patriotism, justice, charity and fortitude. The figure of Lincoln stands 12 feet, 4 inches, in height; and with the pedestal and base the statue will arise 25 feet above the sidewalk.

When Mr. Manship was commissioned four years ago to produce an outstanding creation of art which would be one of the foremost monuments in the world, he was asked to depict Lincoln as a Hoosier youth in view of the fact that the statue is to stand in the same state where Lincoln spent 14 formative years of his life—from the age of 7 to 21. The bronze casting was done in Brussels.

When a Moor swears by his beard he may be trusted to keep his word.

FRANK WELLS' NEW TERRITORY



Frank F. Wells of the New York sales force is now covering the states of Maine, New Hampshire, Vermont, and Massachusetts. His headquarters are at 4 Sawyer Road, Melrose, Mass. Frank has been with the eastern house for several years and has made many fine friends in the territory which he formerly covered—eastern Massachusetts, Rhode Island, and Connecticut.

We feel that he will be equally acceptable to the trade in his new territory. Our friends and patrons there will find him a willing and capable salesman, thoroughly acquainted with his line and always willing to cooperate with patrons to the limit.

PRIZE MONEY FOR GRADUATES

Nine sons and daughters of Mueller employees have graduated from high schools and received diplomas during the past year. They also received from Mueller Co. a bank book with a credit of \$10 with which to begin a savings fund. The names of the graduates and names of fathers are given below.

Graduate	D. H.S.	Father
Anna Eliza Doolin	June, '32	Dennis Doolin
Alice Durbin	June, '32	G. B. Durbin
Louise Gregory	June, '32	Ben Gregory
Beulah Friend	June, '32	U. S. Friend
Virginia Friend	Feb., '31	U. S. Friend
Elmer Morenz	June, '31	August Morenz
Priscilla Sattley	June, '32	Bruce Sattley
Mary Williams	June, '32	H. M. Williams
Vera Williams	June, '31	H. M. Williams

All are graduates of the Decatur High School except Mary and Vera Williams, who are graduates of a school in a nearby town.

FINANCIAL STATEMENT

April 28-August 29, 1932

Employees Aid Society Benefit Fund

April 28—Balance \$ 1,656.36

RECEIPTS

Mueller Co.	\$ 125.00
Interest on Bonds	80.40
Bonds matured	120.00
Dues—April	448.65
Dues—May	365.30
Dues—June	353.70
Dues—July	337.70
Mueller Picnic	67.00
	\$ 1,897.75
	\$ 3,554.11

PAYMENTS

Emergency Loan Fund	\$ 500.00
St. Mary's Hospital—X-rays	70.00
Investments	150.00
Tax on checks	.30
Benefits paid	\$1,891.01
Balance	\$ 942.80

ASSETS

Bonds—Par value	\$ 6,080.00
Building and Loan Stock (1-1-1932)	2,038.61
Call Loan	150.00
Emergency Loan Fund	4,500.00
Cash	942.80
	\$13,711.41

BENEFITS PAID

Ben Gregory	\$ 5.00	Milton Fullerlove	10.00
Paul Burk	50.00	W. H. Bradford	2.00
Wm. Kuntz	1.50	Don B. Truett	14.25
Claude Flanders	4.00	O. T. Brown	12.00
A. D. Black	10.00	James Wilkinson	5.00
Ruby Kochendorfer	59.60	Helen Pope	3.00
Claude Stacey	8.00	Wayne McCoy	1.50
Mike Brille	17.00	W. D. Hayes	6.50
J. B. Montgomery	48.00	Louis Dodwell	20.00
Otis E. Green	115.90	Mervil Curry	3.00
Thomas Mudd	100.00	Leo Masterson	7.50
B. J. Marty	6.50	W. E. Lewis	10.00
Henry W. Roarick	73.80	Clarence Ruch	10.00
Oscar Taylor	12.50	Ethel Dixon	7.50
Richard Dannewitz	1.00	Marie King	2.75
E. L. Rankin	23.40	Helmuth Opalka	20.00
Eibert Meece	18.00	Bruce Pugh	8.00
Fred Kushmerz	6.00	Jack True	10.00
Lee Smith	15.00	Bessie Workman	73.80
Harry E. Tertocha	5.00	Chas. Theobald	2.50
Chas McArty	5.00	Leota Shoemaker	10.00
Ollie Fortschneider	25.00	Bruce Sattley	27.90
V. T. Williams	5.00	Ed. Moore	2.00
Harold Waddell	5.00	Wm. Wall	71.55
Leslie Schroeder	10.00	W. E. Busby	5.00
Alfred Hexum	6.00	Carl Armstrong	5.00
Norman Poole	5.00	F. A. March	10.00
Albert L. Anderson	14.25	Lawrence Olsen	15.00
Emanuel Miller	11.00	L. B. Metheny	15.00
Wm. Severe	9.00	Basil Mason	36.00
John Kush	24.65	C. O. Foster	14.00
Henry Gilbert	5.00	Lucille Smith	38.20
John E. Frye	51.20	Chas. Bailey	76.80
L. E. Clark	151.80	Dorothy Sarver	4.00
W. F. Dannewitz	21.25	Everett McVey	20.40
U. S. Friend	30.00	Ed. Waltz	15.00
Barney Riley	10.00	S. E. Allen	2.50
Ed Peters	48.00	Carlo Danaha	1.00
Henry Leipski	6.00	Eugene Benezé	2.50
Peter Aleckner	21.20	Geo. Martin	34.20
W. W. Stockton	4.00	Harlan Himstead	5.00
D. S. Avis	7.50	Irwin Keller	28.90
Lewis Bland	4.50	Oris Whitacre	20.00
Chas Tucker	7.50	Gerald Preshaw	11.00
Myrle Carter	10.00	Bradford Bruso	2.00
Wm. Binstead	5.00	Gladys Wilson	5.00
Roy Toole	4.00	Chas. Pettus	3.00
P. D. Ruthrauff	5.00	Kathryn Ewing	15.00
Dowe Cutshall	3.00	Chas Reab	17.91
Lucille Watkins	6.00	Tom Goodwin	26.80
Marjorie Tatham	6.00	Robert Eckstein	5.00
Wm. H. Powell	9.00		
			\$1,891.01

A TWENTY-POUND PICKEREL



Hugh Baker, superintendent of Mueller Lands south of the city, has a summer cottage at Floradale, Silver Lake, Mears, Michigan, from which he has recently returned after an outing.

In the picture are Mr. Baker and his nephew, George Wood. Mr. Baker does not claim to have caught the twenty-pound pickerel shown. That feat was performed by one of his neighbors, but he was one of the guests at dinner where the fish was served. Pickerel, of such size, are not generally regarded as good for eating, but Mr. Baker says this particular fish was nicely cooked and was delicious.

Steps to Popularity

Before you start along the road to popularity, someone has said that you must pack in your handbag and take along six things, ready to use at a moment's notice. They are:

1. Unselfishness, a willingness to forget self in the interest of others.
2. Sincere friendliness toward people of all ages.
3. Ability or willingness to be at ease under various circumstances with all people.
4. An unassuming manner, not boasting about what you are or have or can do.
5. A controlled tongue that refrains from gossip and needless criticism, and speaks in kindness.
6. A trustworthiness, so that others know you will keep confidences, and that your word is as good as your bond.—Kessinger's Mid-West Review.

THE CRADLE LIST

Forty Babies Born to Mueller Employees Since 1931 Picnic.

Since the picnic of 1931, forty babies were born to Mueller employees. Most of these were in the baby show at the anniversary picnic, July 16, when each one got a bank book with a one dollar credit as the beginning of a savings fund. The name of the father, child and date of birth follow:

Father's Name	Baby's Name-Date of Birth
D. A. Avis	Duana Scott 3-3-32
E. Beneze	Naoma Ruth 4-10-32
Faye D. Boggs	Rea Del 2-2-32
Paul Burk	Shirley Joan 9-18-31
Bert Butt	Patricia FaVerne 1-4-32
Merle Cunningham	Wanda Lou 7-27-31
John T. Curry	Thos. Franklin 9-24-31
Paul Fisher	Paul Scott 8-13-31
Orvall German	Richard Eugene 9-21-31
A. W. Gordon	Virginia Mae 10-3-31
I. E. Hart	Loren Verne 7-1-32
Roy Hartwig	Howard Allen 6-27-31
Wm. I. Heddin	Charles Ray 10-21-31
Guy Jones	Mary Ellen 8-11-31
Carl Kierstein	Walter Lee 8-1-31
Ray Kileen	Robert Louis 4-8-32
Chas. McArthy	Charles Richard 3-1-32
Arthur Nash	William Arthur 3-9-31
Wm. LeRoy Peek	Edmond Lee 7-10-31
Chas. Pettus	Marjorie Ann 12-21-31
Chester Priddy	Frances Gertrude 10-25-31
V. L. Sampson	Norma Leah 10-8-31
Cecil Smith	Beverly Joan 6-12-32
Lee Smith	Robert LeRoy 5-13-32
O. F. Spencer	Mary Louise 7-12-31
Cleo Tally	Earl Edward 12-15-31
Perry Tankersley	Nadine 3-24-31
Robert Tauher	Florence Eileen 7-28-31
Chas. Theobald	Donald Lee 5-31-32
Earl Togue	Evelyn Bernice 9-1-31
Ernest Waddell	Evelyn Marie 6-26-32
Robert Whitehead	Roberta Jean 8-9-31
Carl Yonker	Patricia Ann 12-5-31
E. McCauley	Mary Jean 7-5-31
Otha Mills	Robert LeRoy 3-8-32
Melvin Wisnasky	Shirley Jean 2-9-32
August Dworak	Vernon Carl 5-18-32
Floyd Walton	Wenona Joyce 3-24-32
Elvis Musgraves	Margaret 8-17-32
Dean Butler	Bernice 11-10-31
W. E. Lewis	Betty Darline 12-6-31

THEY DO PAY TAXES

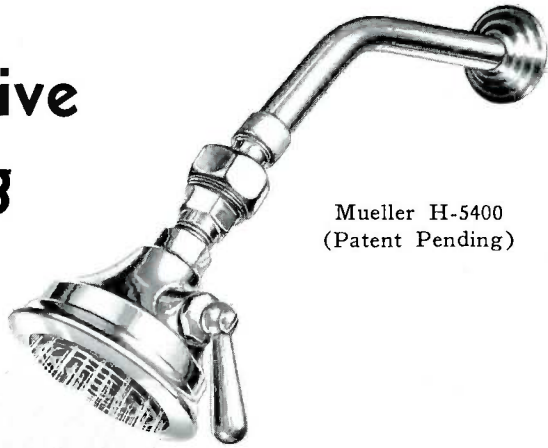
Buses, trucks and other motor vehicles bigger than they are pretty and comfortable, have been subject to a great deal of criticism. Railroads don't like buses because they carry passengers over a right of way which they do not build or for which they do not make direct payment for upkeep. Motorists do not like them because, like an unloved child, they are always in the way.

In justice to buses and trucks, it must be said they do not go unscathed by taxes.

Taxes paid by them in 1931 totaled \$293,000,000, more than 28½ per cent of all collections from all motor vehicles in the United States, and they represent less than 13½ per cent of all motor vehicles in operation.

Gasoline taxes accounted for the biggest portion of the truck payments to state and local governments, amounting to approximately \$144,530,000. Registration fees for trucks approximated \$77,000,000 and the gas taxes and license fees paid on buses were \$31,775,000.

A Positive Cleaning Shower Head



Mueller H-5400
(Patent Pending)

From
Rain
Shower To
Stinging
Needle
Stream

Trade Mark
MUELLER
Reg. U. S. Pat. Off.

The term POSITIVE-CLEANING accurately describes the new Mueller Shower head. The construction of this head is such that all lime, alkali, and corrosion are, in the normal activity of the fitting, forced out and the head kept PERMANENTLY SERVICEABLE.

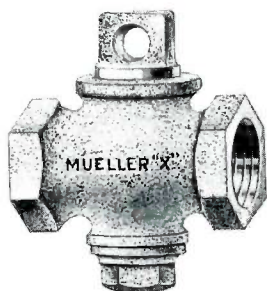
In the Mueller head 54 (fifty-four) floating tapered pins of chrome nickel stainless steel are inserted in a plate, attached to a yoke, and operated by a lever handle. As the pins move in and out they PUNCH OUT all water encrustments. In this action of the pins lies one of the unique advantages of the Mueller head which does not depend upon water carrying out scale and corrosion—as do less superior shower heads. Exhaustive experiments have proved conclusively that such encrustments cannot be FLUSHED OUT.

Rotation of the handle inducing movement of the tapered pins through the holes in the face of the head controls volume, forming different sized streams which range from a rain shower to a stinging needle stream. The pins, not being rigid, float to center, producing streams that are EVEN and UNBROKEN.

Write today for the new booklet on the Mueller Positive-Cleaning variable stream shower head.

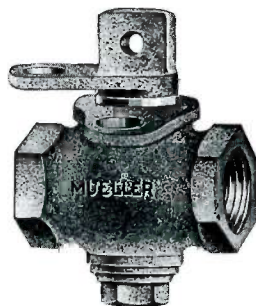
MUELLER CO., Decatur, Illinois
Branches: New York, San Francisco, Dallas

Mueller Gas Stops Speak For Themselves . . .



G-11007

Seventy-five years' experience in making Brass Service Stops that satisfy the most exacting requirements.



G-11026

They are eloquent in well-rounded forms, convincing in mechanical perfection, faithful in reliable service. MUELLER GAS BRASS STOPS tell their own best story in the satisfactory work they perform after installation.

Your belief in MUELLER GAS BRASS STOPS rests safely on MUELLERS seventy-five years of conscientious efforts in developing a line that MUST give economical performance in daily service.

MUELLER never has neglected the smallest opportunity of meeting the trade's requirements for dependable stops.

The MUELLER line embraces a stop for every need—standard or special. The line is complete in sizes and patterns—both brass and iron bodies.

Our stocks are complete and we are in excellent position to meet your fall requirements on standard sizes and patterns.

Write us today for prompt quotations and prompt shipments. Attractive prices—quality considered. REMEMBER—

There NEVER has been ANYTHING made that some one could NOT make it WORSE and SELL it for LESS.

Trade Mark

MUELLER

Reg. U. S. Pat. Off.

MUELLER CO., Decatur, Illinois

Branches: New York, San Francisco, Dallas