

MUELLER RECORD

PUBLISHED AT DECATUR, ILLINOIS



Photo Underwood & Underwood

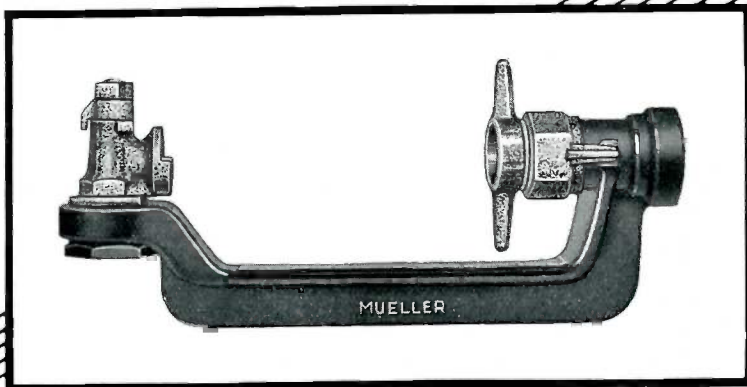
NOVEMBER, 1933

MUELLER

This line deserves your earnest consideration. It's not a restricted line—you don't have to choose between one or two patterns. There is a Mueller yoke for every accepted style of installation. You have a wide variety of types of yokes to choose from.

And you have the protection and service that Mueller's name gives you.

METER YOKES



The angle pattern yoke shown here is made in $\frac{5}{8}$ ", $\frac{5}{8}$ " x $\frac{3}{4}$ ", $\frac{3}{4}$ ", and 1" sizes.

H-10850

With vertical inlet and horizontal outlet for Meter Box Settings where mains and services are of moderate depth. As illustrated with ground key stop. H-10851 with copper service connection on inlet. H-10852 copper service connections both ends. H-10853 with elbow instead of stop on inlet.

Let us have your inquiries. We shall be glad to quote you on any quantity and assure you of prompt shipment.

MUELLER COMPANY, Decatur, Ill.

Factories:
Decatur, Ill.
Sarnia, Ont.

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

Branches:
New York
San Francisco

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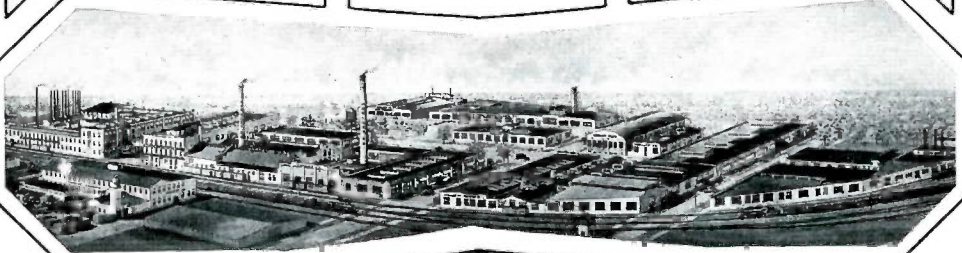
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THREE-QUARTER OF A CENTURY OF PROGRESS

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



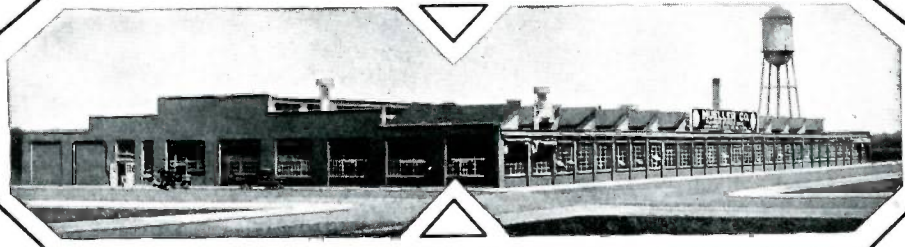
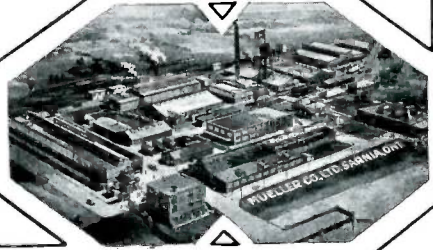
In this modest building in 1857 H. Mueller began a lifetime of service to health and sanitation.



Below is Plant 2. East Eldorado Street, 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 a 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> ROBERT MUELLER <i>V. P. in Charge of Pub. Rel.</i> W. E. MUELLER <i>Executive V. P. and Treas.</i> <i>in charge of Finance, V.</i> <i>Chrmn. Ez. & Budget Com.</i> LUCIEN W. MUELLER <i>V. P. in Charge of Works</i> <i>Management & Engineering</i> J. W. SIMPSON <i>V. P. in Charge of Selling</i> J. W. WELLS <i>Sec. of Company and Asst.</i> <i>to President</i> R. H. MUELLER <i>Chief Engineer</i></p>	<h1 style="text-align: center;">MUELLER RECORD</h1> <p style="text-align: center;">PUBLISHED AT DECATUR, ILLINOIS BY MUELLER CO.</p> <p style="text-align: center;">Plumbing, Water and Gas Brass Goods 76th Year in Business</p>	<p>MAIN FACTORY AND OFFICE Decatur, Illinois</p> <p><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. XXIII

NOVEMBER, 1933

No. 243

Always something wrong. Now we are going to have too much time on our hands, according to some preachers and others vigilant in their hunt for new subjects to discuss. How come? There are plenty of good books, pipes, and good tobacco, warm rooms and easy chairs, and what's better during winter hours?

—○—
 If you have any extra time on your hands, don't spend it with some one who hasn't.

—○—
 It was Carlyle who said, "For a hundred that can bear adversity, there is hardly one that can bear prosperity."

—○—
 We hope for one thing at least, which is, that the man who said it will take ten years for complete recovery from present conditions is like most of the rest of the "mouth organ" gang and doesn't know what he is talking about.

—○—
 The next congressional election occurs a year from this month.

—○—
 Two things to look forward to on Thanksgiving—turkey and football.

—○—
 Home gardeners, who battled the drouth during the past summer, will be interested in knowing that it has not rained along the Peruvian coast since 1892, at which time there was a rain storm that continued for three months. Successful cultivation in Peru is made possible by frequent heavy mists.

JUST OUR WAY

In the operation of this business, Mueller Co. demands efficiency. That is a cardinal requirement and we confess that we are sticklers on that point. In securing efficiency, if there is any component which we emphasize, it is accuracy. Every operation is governed by laboratory control, blue print and checked by templet. In this careful method of procedure, we are enabled to detect and correct any inaccuracy which may crop out. Three-quarters of a century constant dealing with men and machines have taught us

MY FRIEND, DOG GONE 'IM

He was my friend. He understood
 All the vagaries of my mood.
 Say I was joyous, he was gay;
 If sad, he felt the selfsame way.
 He held, with trusty common sense,
 All that I told, in confidence.
 He died. And now I look around,
 But such a friend is seldom found.
 I miss his kindly presence yet,
 A dog like that is hard to get.

—Eldredge Dennison.

many valuable manufacturing experiences. The best men in any organization are not always the same day by day. They have irritable moments, small lapses of memory, and physical indisposition unfitting them for concentrating on details. Then the inanimate and intricate machine apparently changes over night. It may turn out a perfect operation as one day closes and an imperfect operation the next morning on the same run. It is only through constant watchfulness, constant checking, and a policy of rejection, no matter how slight an inaccuracy may be, that the accuracy Mueller Co. demands is obtained. We obtain the result not through nagging and criticism, but through years of friendly insistence that it is our policy from which there can be no deviation.

Next?

The little boy was in church for the first time. When the choir all in white surplices entered, he whispered hoarsely: "Oh, see, daddy, they're all going to get their hair cut!"

Three of a Kind

Mary's Beau (waiting for her to come down stairs): "Is Mary your oldest sister?"
 Kid Brother: "Yep."
 Mary's Beau: "And who comes after her?"
 Kid Brother: "You and two other guys."

PACIFIC COAST PLANT

New Mueller Enterprise Ready for Business December 1st

About December 1st, the Mueller Co. launches its modern Pacific Coast Plant, located at 2801 East 12th St., Los Angeles, California. This expansion was decided on about six months ago, during which time the location was secured, the buildings erected, and fully equipped for manufacturing the same lines produced in Decatur.

The Pacific Coast Plant enables Mueller Co. to give quicker and better service to a large territory, supplying precisely the same quality of goods the trade has known favorably for so many years on the Pacific coast, inter-mountain states, Mexico, and the Orient.

W. N. Dill, so long and favorably known to the western trade as a Mueller representative, is general manager. Through long association with Mueller Co., he is perfectly familiar with Mueller factory policies as well as the needs and desires of the trade to be served.

In this work he will have the assistance and advice of five thoroughly schooled Mueller men from the Decatur plant. They are:
Gerald Preshaw, Cost Accountant.
Emmett Reedy, Superintendent.
Louis Wyant, Shop Foreman.
Roy Baker, Polishing and Plating.
Roy Thomas, Foundry.

The remainder of the force will be employed at the factory.

We will retain our San Francisco stock and organization for the convenience and service of the trade in the Bay District and vicinity under the direction of T. F. (Tom) Leary.

W. L. (Billy) Jett will continue to call on the Los Angeles trade.

The new factory building is a substantial brick structure, 150 x 190 feet, occupying a ground space of 300 x 245 feet.

It is equipped with the very latest machinery, and production will be on the "straight-line" plan. That is, goods will move in regular sequence of operation from the foundry to the shipping room. In the beginning, a limited force will be trained in Mueller ways, and be gradually increased to the maximum number.

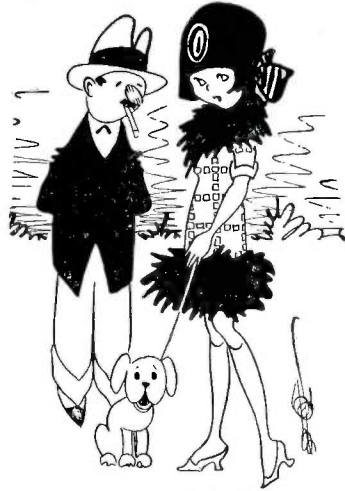
Nevada is a Spanish word meaning "snow-clad."

The Joneses and Smiths

Since the separation of the United States from Great Britain, ninety-eight men named Smith have served in congress. During the same time forty-seven men named Jones have served in the body.

A dollar goes faster in a taxicab, but it goes farther in a bus.

HESITATION



She: "He who hesitates is lost."
He: "And she who hesitates doesn't come to the seashore."

BACK TO 2 CENT POSTAGE

Third Assistant Postmaster General Expects Return to Low Rate by July 1

The third assistant postmaster general recently released a piece of good news which interests every citizen, particularly business men. He stated that a return to two cent postage was expected before July 1, 1934.

When the three cent postage went into effect, it was predicted that the volume of postal business would decline, which was exactly what happened. Later local letters were again placed under two cent postage. This of itself produced an increase in volume. Washington postal authorities are quoted as saying that they now believe that all first class letter mail can be returned to the two cent class without detriment to the service.

Collecting Bills by Post Card

The Post Office Department has issued a warning against attempts to collect overdue bills with postal cards.

The ruling does not forbid mailing cards bearing respectful requests for settlement of current accounts, or for giving notice when an account, assessment, taxes, gas or electric bill, etc., will be due. But such notice shall not contain reminders of balances that have not been paid. Violators of this law are subject to fine or imprisonment.

Exercise kills germs but try to get them to exercise.

No one was ever in danger of being killed by kindness after the first two years of living.

The Covered Bridge

The picture of an old covered bridge adorns the front cover of this issue of the Record. It is said to be one of the few remaining covered bridges in the United States. This one is located in New Hampshire among the hills and looks spooky enough to make you turn the other way on a dark midnight. For many years it was the custom to cover all wagon bridges which spanned streams. As we drive rapidly over the neat, artistic structures of today, one wonders what impelled the old builders to put roofs on the structures they erected. Imagination pictures them as haunted spots, scenes of foul murders, or trysting places of young lovers. As a matter of fact, bridges have played an important part in poetry, romance, and history. There was Horatius, in the brave days of old, who held the Sub-lician bridge against the whole Etruscan army; there was Hood's Bridge of Sighs with the "one more unfortunate crossing", and then there was the bridge which Tam O'Shanter dashed across although his good gray Meg left her tail in the witches' hands. But moderns have passed up all that is romantic, tragic, or poetical for another kind of bridge, present every day in many homes throughout the land. It is one bridge we don't know anything about. We leave it to the ladies.

However, we believe that they, with other readers of the Record, will see something beautiful, romantic, rustic, or perhaps eerie in this New Hampshire bridge with the beautiful surrounding scenery.

THE COUNTRY'S HOTELS

It has been said many times that Atlantic City has more hotels than any city in America. In a sense this is true. It all depends on the definition of the word "hotel." There are in Atlantic City many places where visitors may stop and receive not only good food but excellent sleeping accommodation. These places, however, do not come within the meaning of the word "hotel" as generally understood. Evidently the census bureau does not think so either.

It may surprise the reader to know that Chicago leads the country in the number of hotels. Nearly anyone would have said New York because of the greater size of that city. But again the census bureau statisticians do not agree with common belief.

Chicago has 604 hotels while New York has 100 less, but the latter exceeds in the number of rooms, having a total of 126,632.

On the west coast, both Seattle with 358 hotels and San Francisco with 333 hotels leads Los Angeles which has 235. In the question of guest rooms Los Angeles leads, Seattle second, and San Francisco third.

About one-third of all hotels are located in cities of 250,000 or more.

Billions of Papers

All daily papers printed would cover an area about equal to that of Rhode Island.

There are 15,000,000,000 newspapers printed annually in the United States.

Big Jewels in Demand

Really large precious stones, especially emeralds, rubies and sapphires, are in great demand; they may run up to \$50,000 in value.

The worst sorrows of life are not of its losses and misfortunes, but of its fears.—Benson.

THE STREETS OF NEW YORK

Under the Pavement as Interesting as Those on the Level

In New York City recently a 48-inch water main in the vicinity of 73rd St. and Madison Ave., broke and the New York Times reporter in his description of the incident said hundreds of gallons of water were lost. He would have come nearer being correct had he said thousands of gallons. The streets were flooded, basements inundated, and considerable damage resulted before the repair gangs got on the job and stopped the unexpected geyser.

The incident, which unquestionably caused considerable inconvenience to adjacent property and occupants thereof, is not an infrequent occurrence in cities with water works.

In New York, however, with the island carrying such a tremendous weight in buildings and traffic it would not be surprising if occurrences of this character, but entailing more serious consequences, happened oftener. The incident of the big main springing a leak recalls that beneath the city of New York is a maze of tunnels, subways, pipes, wires, and what not. Hundreds of men live a gopher like existence beneath the streets and side walks of the metropolis. There are underground detectives who patrol the subterranean passage in search of vagrants, hobos, thieves and criminals of a deeper dye.

Craftwise, the bulletin of the Mechanical Department of the Delaware and Hudson Railroad, has an interesting article on the subject, which says:

Sights Underground

"There are 59 tracks on two subterranean levels of the Grand Central Terminal.

"Curving upward through the gloom is a giant leg of steel, one of four that rise to support a rectangle of concrete as large as a city block overhead. 'That's the bottom of one of the big hotels,' the guide will explain. 'We're down two track levels now but a long way from the deepest part.'"

"Except to a few the pipe tunnels are secret, unsuspected passageways. They carry 5,000,000,000 pounds of steam, metered like gas, which are sold annually by a public utility to more than 2,100 of the skyscrapers. At Grand Central these mains have to be carried at great depths.

(Continued to Page 12)

I'm Tellin' You



That famous remark of the Governor of North Carolina to the Governor of South Carolina is no longer a joke—it's a reality.

Every cloud has a silver lining, but you never get a chance to see it until you have wings and are on the way to visit St. Peter.

Then there were the Decatur firemen, much like the cobbler's children who never had shoes. A commission investigated their station and pronounced it a firetrap.

The papers carry the news that the great Einstein was discovered in a "five and ten" buying a comb and a pair of scissors. Speaking relatively, we interpret this to mean that the professor contemplates combing his touseled mane to give himself a milk-crock hair cut.

The wife of a Kansas professor won \$10,000 in a novel writing contest. She thought the story out while scrubbing the kitchen floor, "doing" the dishes and operating the washing machine. And let that be a lesson to you, you bridge playing ladies.

They give Venus de Milo credit as the girl who got the breaks, but it was just stone breaks.

The latest and best reducing exercise does not call for any physical exertion. All that is necessary is to shake the head from side to side when asked to take a second helping.

The warden of Sing Sing says fifty years' imprisonment is a more drastic penalty than death. The warden never having tried out both penalties may not be accepted by all as an authority.

Gold was discovered in the Klondike on August 17, 1896, and "Gold Diggers" on Broadway about 1925.

Gold diggers are neither smart nor orig-

inal. Gold was discovered in 1849 and the G. D.'s only found out about it recently.

That 3 point 2 will put a guy under the table all right and O. K. if you leave it in the bottle and swing hard enough on his bean.

And how could it be otherwise. Mme. Joretta Lacosta says of American women "like Henry Ford make cars—American women all look alike." The lady has it somewhere near right, seeing as how in this day there is mass production in dresses for women just as there is mass production in Fords. And she probably knows that the ladies are as different from each other as they are different from Fords as regards personality. As the heroine used to shout in the melodrama, "there is many a lady in a calico dress."

We note with sympathetic regret that the depression has hit railroad presidents and one of them will struggle through next year on a salary of \$60,000 instead of \$108,000. In case the wolf gets too close to his door, he can find consolation and security in the knowledge that there is an army of relief associations ever ready to throw out the life line.

Come fill the cup and in the fire of spring
Your winter garments of depression fling,
That "bird of blue" has but a little way
To flutter—And the bird is on the wing.

MUELLER GOODS IN BIG JOB

The Boulder Dam project is a big undertaking of vital importance to a large section of the western country. In order to carry on the work successfully, it was necessary to build a city. The work is being done under government supervision, and the material used had to stand the tests and inspection of critical experts. Mueller goods proved equal to the exacting specifications and many of these are already in use and giving satisfactory service. Among these Mueller goods are our "B" Water Main Tapping Machine, Copper Service Pipe for underground water service, Corporation Stops, Couplings for Copper and Iron Service Pipe, Meter Box Covers, Water Meter Yokes, Ground Key Stops, and other items of our manufacture.

His Satanic Majesty Located

Two little girls were on their way home from Sunday school and were solemnly discussing the lesson.

"Do you believe there is a devil?" asked one.

"No," said the other promptly. "It's like Santa Claus, it's your father."

ONCE CALLED PERNICIOUS WEED

England's Long Fight Against Use of Hops for Flavoring Beer

Hops go into beer but they are not the ingredient that puts the hop in you if you put too much of it in you. Hops are used merely to flavor the fluid, but early efforts to employ it for this purpose met the royal resistance of King Henry VIII.

The Manchester Guardian notes that hop picking now presents a picturesque sight in the Southern Counties of England, much more so than in Germany. There the vines are hastily stripped from the poles and sent to buildings where the picking is done at leisure.

Hops Came in 15th Century

Hops were introduced in England in the 15th century, but King Hal would have none of the pernicious weed. He forbade his brewer (lucky dog had personal service) to put hops in the royal brew.

In the 17th century, the City of London petitioned Parliament to put down "two nuisances, New Castle coal on account of their stench, and hops because they would spoil the taste of beer and endanger the life of the people."

Anti-Hoppers Give Up

This fight against hops was maintained another century, says the Guardian, but finally English tastes became accustomed to the flavor and the anti-hop enemies gave up the fight.

The plant itself has an interesting history. It belong to the same natural order as hemp and the common nettle which may have been the grounds upon which King Henry designated it as "a pernicious weed".

The male or barren plant flowers on perianths of five leaves while the female or fertile flower is a catkin compounded of large concave scales and it is for these catkins the flower is cultivated. These catkins contain a bitter principle which imparts its flavor to beer.

A Climbing Plant

The hop is a beautiful climbing plant native to both America and the old world. Successful growth demands a heavily manured soil, and the plants are very susceptible to blight and insects. When gathered, hops are kiln dried and sulphured. The best hops come from Kent, England, and Bohemia. New York and the Pacific states are the greatest hop producing areas in this country.

Slick One

Small Boy: "Say, dad, that apple I just ate had a worm in it, and I ate that, too."

Dad: "What? Here drink this water and wash it down."

S. B.: "Aw, let 'im slip down. It was a slick one."

DROP COIN AND RING DOORBELL

In these days when so many unemployed are seeking a livelihood by door to door canvassing, the housewives have to answer the door bell or the rap many times a day. Some complain that it is a nuisance, some refuse to heed the call, while others go with smiling face with no intention of buying, but realizing the callers are making an effort to be self-sustaining, and feeling that they have at least earned the courtesy of an answer.

In Holland the bustling Dutch housewife has evolved a new scheme, which Ed Stille, our electrician brings to our attention through an item in Collier's as follows:

Don't Ring; Knock

"A doorbell that rings only after a coin is inserted in the slot is used throughout Holland to discourage canvassers and peddlers and to make them repay the housewife for her time and trouble. Coins used by friends, of course, are returned."

Then Mother Fainted

The patter of tiny feet was heard from the head of the stair. Mrs. Smythe raised her hand, warning the members of her bridge club to be silent.

"Hush," she said softly, "the children are going to deliver their good-night message. It always gives me a feeling of reverence to hear them. Listen!"

"Mama," came the message in a shrill whisper, "Willie found a bedbug."

GENEROUS SOLE



Eric: "Did her old man kick you hard when he evicted you from his house?"

Claude: "Yes, he put his whole sole into it, and such a generous sole, too."

Fifty-Three Years with Mueller Co.

Frank O. Zetterlind Had a Long and Honorable Service Record—Loyal in All Things



Above: Frank O. Zetterlind at his vise in the blacksmith shop. A familiar sight to those who came in contact with this veteran of the Mueller organization.



Left: Adolph Mueller, Frank O. Zetterlind, and Robert Mueller at our annual picnic 1930. At that time these three represented a combined service of 150 years. More than employers and employe—they were friends and co-workers. Below: Adolph Mueller and F. O. Zetterlind when the former visited Frank in his native city, Gothenberg, Sweden, 1929.



Frank O. Zetterlind, who died early Friday morning, October 13th, had been employed by the Mueller Co. for the unusual term of fifty-three years. Here is a record of continuous service that has been equalled by few men.

It was by the merest chance that he cast his lot with the Mueller Co. Frank's trade was that of a blacksmith. He was a native of Gothenberg, Sweden, born March 12, 1857, and like so many of the hardy men of that country, he heard the call of the sea and answered it. At the age of 18 years he obtained a job as blacksmith helper on the Hoppet, an old time square rigged ship, and for nearly four years he was away from land most of the time. He had rounded the cape of Good-hope and also Cape Horn, and had visited China, India, Africa, America, Asia, and many other places.

Came for a Few Hours— Remained a Lifetime

Quitting the sea in 1880, he made his way to Chicago, and from there came to Decatur for a few hours. Waiting for his returning train, he walked down East Main Street, where Mueller factory was then located. It was evening, and H. Mueller, founder of this business, was sitting in the front doorway smoking. Frank's English at that time was very limited, but he could speak some German. Mr. Mueller quizzed him and told Frank if he wanted to join the force to report the following morning, which he did.

Became an American Citizen

So it happened that the sailor-blacksmith, who came here on a casual visit, became a citizen of Decatur and four years later a naturalized citizen of the United States. It was the policy of Hieronymus Mueller, as it is the policy of the company today, not to employ an alien citizen unless the applicant agrees to make declaration of his intention to become an American citizen, and to follow through in regular course until he secures his final papers.

Frank was more than a Mueller employe. He was a friend and co-worker, was treated as such. He was a faithful, loyal man, true to the best instincts of manhood. His devotion to his wife, who for twenty years was an invalid in a rolling chair, is well known. Her death, a few years ago, was the beginning of the end for Frank. A year ago a serious eye trouble compelled his retirement, the company providing an ample allowance for his needs.

Two Rewards

At the end of twenty years service, the company gave him the usual \$500 award for faithful service. At the conclusion of 35 years, he was given six months leave of absence on full pay, and the company paid all expenses of a trip back to Sweden for a visit to his brother. He did not go on an old square rigger, but on a big liner with all the luxury that a modern ship provides. This was the only time that Frank ever returned

to his native land, which he left the last time in 1879.

Mr. Adolph Mueller was in Europe that year and he made a side trip to Gothenburg on a surprise visit to Frank and to meet his relatives.

This evidence of friendship was greatly appreciated by Frank, but it was astonishing to his relatives, who were unaccustomed to such a show of friendship between employer and employe.

Worked Side by Side

About the time Frank Zetterlind joined the Mueller organization, Robert and Adolph Mueller, during school and college vacation periods, according to the custom of Hieronymous Mueller, entered upon their factory apprenticeship and were in daily association with Frank. They learned his good qualities and his good craftsmanship long before they became members of the company. Many of the Mueller pipe line tools now in use throughout the country were shaped from metal by the dexterous hammer strokes and under the keen eye of Frank Zetterlind. There were four things he knew beyond dispute—his forge, his anvil, his hammer, and his metal.

FUNNY LITTLE FOLK

Johnnie gazing at his one-day-old brother squealing, yelling in his cot.

"Has he come from Heaven?"

"Yes, dear."

"No wonder they put him out."

Cut the Boloney

Photographer: "Look this way, sonny, and you shall see a pretty little dickey bird come out."

Modern Five-year-old: "Oh, don't be a Boy Scout. Cut out the boloney and do your stuff. Let's get this over with."

Almost Remembered

Grandma: "Now, Tommy, surely you remember what the teacher told you. What is the equator?"

Tommy (brightly): "A menagerie lion, running round the middle of the earth!"

Modern Doll

"Oh, what a cute little dolly! Does she say 'Mamma' when you squeeze her?"

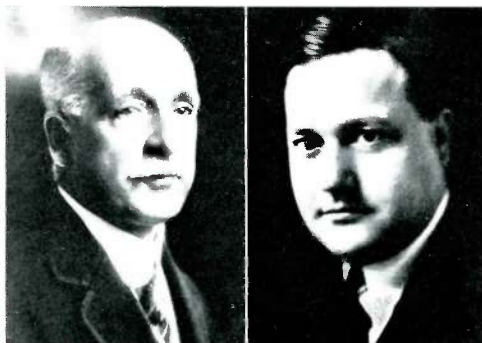
"Naw! My doll's a modern doll. When you squeeze her she says, 'Oh boy!'"

Except With a Clothes Brush

Mother: "When that naughty boy threw stones at you, why did you not come and tell me, instead of throwing them back at him?"

Willie: "What good would it do to tell you? You couldn't hit the side of a barn."

RETIRING OFFICERS



Mr. Arthur Hewitt and N. C. McGowen, president and vice-president, who gave their time and talents to the National Gas Association during the past year. They have been succeeded by Mr. H. O. Caster of New York City and Mr. P. S. Young of Newark, N. J. (See page 30.)

THREE BIG ANNOUNCEMENTS

Turn to the color pages in the center of this issue and you will find three interesting announcements to the trade and the public.

On pages 16 and 17 is an announcement of Mueller Co.'s acquisition of the Groble Gas Regulator Company of Anderson, Indiana. Gas men are particularly interested in this. Mueller Co. can now offer them a tried and tested line of gas regulators. Their good reputation will be maintained by Mueller Co. and wherever possible, strengthened by improvements or additions to meet varying conditions.

On page 15 plumbers will find an announcement of Mueller's New Arcraft Staple Line, fittings that add to the beauty of any bath room. And it's a reasonably priced line—away below the general run of Arcraft fittings, and only slightly above the old with rounding surface.

On page 17 you will find an announcement of Mueller Automatic Heat Control, which is an indispensable addition to every hot water heating system. Thousands of these have been in successful and satisfactory use for many years.

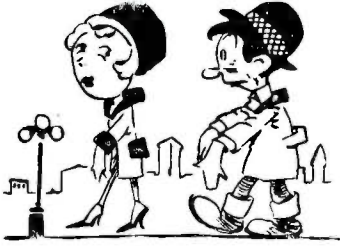
Beauty culture practiced in the United States is a business valued at more than \$1,000,000,000.

The Great Lakes form the largest body of fresh water in the world, with an area exceeding 90,000,000 square miles.

The world's largest electric sign is said to be on top of the Union Station in Chicago. It is 288 feet long and 23 feet high, with two lines of letters.

Wild horse meat from the American northwest is a table dish in Holland, Belgium, Norway and Sweden.

NOT DATED



He: "Hello, little girl, how are you?"
 She: "Not bad."
 He: "Good night! You'd better run along home."

HOW TO TELL COUNTERFEIT BILLS

It's Easy If You Know About Steel and Photo-Engraving and Some Other Technicalities

With good times coming back you should be very careful not to take any bad money. During the past few years, no one was over-careful, because there was so little money of any kind floating about. Special advice from Washington says that detecting counterfeit money is not a difficult task, and the secret service men add that the best method is to carefully examine all currency that comes into your hands. If it's not genuine, you'll find something wrong with it, and will at once know that it is counterfeit. If you don't find any evidence of its being counterfeit, you will know it is good.

A Few Mere Technicalities

There are just a few minor things that you will have to know, but they are mere technicalities which may be brushed aside. First you should be able to know the difference between steel engraving and photo-mechanical processes of reproducing bills. Next you must know whether the paper is the special kind used by the government or a substitute provided by the counterfeiter. Of course, you will be able to tell if the paper has been bleached, which is necessary for the "phoney money maker" if he is going to hoist the denomination of a bill from \$1 to \$10. Then again, you will know another simple sign. If the cross hatching around the portrait on the currency is broken up or mussy looking, it's a bad sign and that means bad money. These are only a few of the things necessary to know, but we feel that we have told enough to put you on your guard.

Portraits Tell Story

There is one simple way to keep from accepting a bill which has been raised from a lower denomination to a higher. That is by learning the portraits used on various kinds of currency.

The portrait chart of the new currency provides: For the \$1 note, portrait of Washington with ornate numerical "1" on back; \$2 note, Jefferson, with representation of

WHAT PLUMBERS ARE UP AGAINST

Inconvenience Encountered When Called Upon to Repair Old Time Plumbing

A local paper tells of the unpleasant experience of Orville McGuire, a plumber in Sullivan. He was called to a house to open a clogged up drain.

One family lived on the ground floor and another on the second floor. To get to the drain, McGuire had to crawl through an opening a foot square. Just about the time he got the drain opened up the woman on the second floor pulled the plug from the kitchen sink and McGuire got a greasy bath of dishwasher.

Evidently McGuire took it good naturedly, saying "Plumbing is plumbing all right, but the human element is —." The remainder of his remarks were deleted, probably on account of postal regulations.

The one thing of interest to us is the fact that Mr. McGuire had to crawl through a foot square aperture to reach the drain. It's interesting because it emphasizes by contrast old and new methods. As older members of the plumbing business know, home builders of a generation ago gave but little thought to plumbing. Bath rooms were crowded into out of the way corners, and little thought was given to convenient location of the kitchen sink. No thought was given the question of how the plumber could effect an installation or repairs.

In addition to his knowledge of his craft, the plumber had to be considerable of a contortionist.

But that is all of a by-gone day. The home of today is designed with the thought of sanitation, beauty, and convenience, and modern plumbing practice makes access to all parts of the system an easy matter.

If owners of old fashioned homes had to take just part of a ducking of greasy dish water while opening up a drain, we imagine there would be a swelling of the volume of modernization.

Monticello on back; \$5 note, Lincoln, with Lincoln Memorial in Washington shown on back; \$10 note, Hamilton, with picture of United States Treasury on back; \$20 note, Jackson, with White House on back; \$50 note, Grant, with United States Capitol on back; \$100 note, Franklin, with Independence Hall, Philadelphia, on back; \$500 note, McKinley, ornate "500" on back; \$1,000 note, Cleveland, ornate "1,000" on back; \$5,000 note, Madison, with ornate "5,000" on back; \$10,000 note, Chase, with ornate "10,000" on back.

Little Uplift Work

A good old scout was Johnnie Traut,
 Who taught the kids their swimmin';
 In winter he hung 'round the ice
 And helped the fallen women.

The Finest Train in the World

Mexico's President Denied Nothing in Way of Luxurious Travel Comfort



Courtesy The M. K. & T. Employees Magazine.

The Ne plus Ultra of magnificence and luxurious accommodation provided for the Mexican president and his staff when they travel. This is said to be the finest train in the world. The view accompanying is a section of one of the lounge cars.

There was a lot of talk about the Royal Scot, England's crack train displayed at the Century of Progress Exposition, but not so much about Mexico's presidential train, although the latter is said to be the finest train in the world. Both of these were foreign displays, but the Royal Scot was most talked about and probably inspected by more visitors. The fact that the English train was a new and practically unknown type of construction to Americans and the Mexican train is like the trains we know of may explain the interest in the Royal Scot.

Lavish and Colorful Decorations

The Mexican train consists of three cars ornamented with the national colors of Mexico. The decorations are lavish and colorful, as you would expect them to be, coming from Mexico. The presidential quarters are in the observation car, which consists of a lounge, private study and two spacious sleeping rooms. The Missouri, Kansas & Texas Employees' magazine tells us:

"The club and dining car's beautifully decorated dining room, for the use of the presi-

dent and his guests, was especially admired because of the costly and ornate silver service and queensware that adorned the dining table. The other car contains compartments and sleeping rooms for the president's staff and guests.

The interior of all the cars are elaborately decorated. Walnut, hand-carved window casings, solid walnut-paneled walls, rich Mexican tapestries, that covered the furniture and formed the drapes on each window, give the train the appearance of a "palace on wheels."

Jails are built out of honest men's earnings. Courts are supported from peaceful men's property. Penitentiaries are built by the toil of virtue. Crime never pays its own way. Vice has no hands to work, no head to calculate. Its whole faculty is to corrupt and to waste; and good men, directly or indirectly, foot the bill.—H. W. Beecher.

BETTER THAN PINK TEA

Radio Held Guilty of Changing Drinking Waters to Various Hues

A writer in the Decatur Evening Review gives the following interesting account of water in some places turning different colors. Radio is blamed for it. The writer says:

"Howard W. Blakeslee, under whom I worked in Chicago, now Associated Press science editor, sends a story from New York, that discovery has been made why drinking water is sometimes pink, green or blue in some homes. It is all because radio sets are grounded to water pipes, he says, quoting the Hackensack water company. Apparently the currents of electricity are suspected of setting up electrolysis in certain kinds of pipe.

Good Outside—Bad Inside

"The water company made tests of its water in the main outside of a house and found that the water was pure but when it reached the tap inside the house it was not good. Another test showed that water was changed in color. Also it was discovered that fish in an aquarium were dying. Water was being supplied through a pipe to which a radio had been grounded.

When Radio Played

"In one community there were tastes and odors to the water during certain hours of the day. It was finally discovered that those hours were when the radio was in operation.

"It must be a different kind of water in the East for my radio has been grounded to a water pipe for 10 years and none of these conditions have been noted. However, they have a way of getting results in the East that you can't get out here."

(Continued from Page 9)

Enormous Water Tunnel

If Manhattan Island were made of glass one might see deeper pits than this beneath some of the structures. The tip of the Woolworth Tower spire is 792 feet high. Almost as deep in the earth—750 feet in places there is a circular tunnel through which Catskill mountain water is delivered into New York City. It is so big it might conceal a double tracked railroad and is 18 miles in length, the longest such tunnel in the world. Planting it so deep was necessary for the sake of a substantial rock covering to withstand the bursting pressure of the water load it carries. It is carried under Central Park and beneath the East River and, greatly shrunken, thence across the Narrows into Staten Island.

Miles of Mains

Much closer to the surface are the 4,000 miles of water mains linked with the delivery tunnels. Engineers and contractors who, ten thousand times a year, have occasion to

rip through the street skin of Manhattan have an enormous respect for the water mains.

"We treat a 48-inch water main with the same caution as if it were a powder magazine," said one of them. "Pressing against its metal sides, we know, is a chain of lakes mountains high. A break in one means serious trouble."

Tap the Mains

There are crews constantly engaged in a hunt for leaks and for thieves. Some years ago a theft of a million gallons of water a day was traced to a brewery. The managers had secretly trapped the water main. A part of the penalty imposed was a fine of \$1,000,000. Gas thieves are hunted similarly. More than one illicit distiller has been trapped because his greed tempted him to cut down his overhead by underground stealing.

Began 200 Years Ago

Below the street surface Manhattan is no more solid than Mammoth Cave. One engineer who for 43 years studied the labyrinth exclaimed, "I understand it? No man can understand it. We who make the underground have our own body of laws; we have our diplomats for the domains of sewers, subways, water supply, gas, electricity, mail tubes, steam, railroads and other services. Each time one company wants to expand or change, all must be consulted and placated. The burrowing, you see, began with the first sewers laid before 1700. What it will be like below streets 200 years from now I'll leave to your imagination."

Forgotten Subways

That gentlemen can tell you of forgotten subways buried in the city. In 1912 excavators working in Broadway broke through into a musty tunnel where there was a passenger car, rusted and rotted. They found there a hidden chamber that had thrilled New York in the late '70's. It was part of an experimental subway built by Alfred Ely Beach.

ORGAN GRINDERS



Proud Suburban Lady: "You know my husband plays the organ."

Depressed Acquaintance: "Well, if things don't improve, my husband will have to get one, too, with or without a monkey."

ARTCRAFT STAPLE LINE

New Fittings of Unusual Beauty and Quality
At a Reasonable Price

Our latest offering to the plumbing industry—the new Artcraft Staple Line. This is a step in advance and a matter of interest to every master plumber. The Mueller Artcraft Staple Line is in no way a cheap line in a price sense, but its cost is greatly below regular Artcraft lines and only slightly above old style fittings with round spouts, handles, and escutcheons. It was generally believed that this could not be done because of manufacturing costs, but Mueller Co. has done it without sacrifice of metal, quality, plating or beauty. The line is strictly high grade in every particular, and acknowledges no superior in the market.

They Are All Metal

The fittings are all metal. We are convinced that all metal fittings have more appeal than fittings with china handles, spouts, and escutcheons. The lustre of chromium plate has made all metal fittings the most popular in the history of the plumbing industry.

In addition to this, every experienced plumber knows the kind of service china handles and spouts have given. While these china parts are strong enough to withstand ordinary usage, it has not been possible to eliminate absolutely the hidden defects that occasionally are beneath the glaze of china.

Metal Handles Are Safe

We have no knowledge of any metal spout or handle breaking and injuring the user. Here is a sales argument that is both truthful and convincing.

If you combine this with the beauty of Mueller Artcraft Staple Line, the fact that it is stylish in appearance, that its broad surface makes cleaning and polishing an easy task, the added beauty it gives to any fixture, all at reasonable price, we know that you can create and secure new and old business by adopting it.

We are proud of this new Artcraft Staple Line and of our ability to produce such splendid fittings within price limits which are not prohibitive to any set of prospects.

We cordially invite your investigation of this new line.

Considerate

Polite Man in Theatre: "I'm afraid, young man, you are in the wrong seat."

Rude Sailor: "You have nothing to be afraid of, mister, as long as you don't try to move me."

Believe it or not, if all mountains in the world were leveled the land would rise nearly 250 feet.

HOW DOES YOUR GARDEN GROW

If You Want One for Winter, Make It
Out of Bricks or Clinkers

Most people like to experiment. If you belong to the clan you can make a "Depression Garden" grow before your eyes, from bricks, clinkers, or coal, according to the "Delaware & Hudson Bulletin." It is really not new. The phenomena is described and illustrated in "Memoirs of the French Academy" by a chemist, Nicholas Lemery, 1705-07.

And this is how you do it.

Quite astonishing results are obtained by mixing:

- 6 tablespoonfuls of salt
- 6 tablespoonfuls of bluing
- 6 tablespoonfuls of water
- 1 tablespoonful of ammonia water,

and pouring the whole solution over a clinker, a few pieces of coal or coke, or even a common brick which has been placed in a suitable dish.

A few drops of mercurochrome, red, blue or green ink, or any colored liquid, such as vegetable coloring for jelly, dropped in spots on the moist surface of the clinker or coal, and the "gardener's" work is done. A word of WARNING here: DO NOT USE IODINE FOR COLORING as it unites with the ammonia to form nitrogen iodide, a black powder. While moist it is harmless, but when it dries out it forms a DANGEROUS EXPLOSIVE which explodes with a loud report from a very slight shock.

Within 15 minutes after the experiment is started, a coral-like growth should appear on the clinker, and in a few hours it will be completely covered. The growth tends to climb over the sides of the dish unless the vertical surfaces are coated with vaseline or grease to prevent the formation of the salt crystals on them. The "plant" should not be left standing in strong sun light.

The addition of more ammonia to the dish after the growth has stopped will produce renewed activity, or the garden may be allowed to dry after which it may be preserved indefinitely.

From our recent experience with the above "recipe" it is suggested that half the quantity be tried instead of the full amount.

Bughouse

"You see that old boy over there? He thinks in terms of millions."

"He doesn't look like a financier."

"He isn't. He's a bacteriologist."

It required 26,000 feet of mains to distribute fuel gas to all parts of the grounds at the recent Century of Progress Exposition.



Artcraft Staple Line Combination which gives the final touch of beauty to any lavatory.

FICKLE DAME NATURE

Illinois Experienced an Unusual Drouth
With Heavy Rains Coming Too Late

It is axiomatic that Dame Nature is fickle. If any Illinoisan did not know it prior to 1933, he knows it now. If ever the old dame neglected her routine duties, this is the year. In May and early June the country was flooded by torrential rains, which prevented the seasonal planting of grains and vegetables. Suddenly the rains ceased as if by magic. Too late, but hopeful, the farmers and gardeners hurried their seed into the ground and waited for the usual helpful showers which never came. Through July and August and September, they stood by and daily witnessed the belated crops wither and die beneath the blazing heat of the sun. In all that time, only a fraction of an inch of rain fell. Here and there in favored localities, corn and gardens did fairly well. The last week of September brought heavy showers, but too late to do any good to crops. The failure of crops is not complete. Illinois never experienced such a catastrophe, but it came as close to it in 1933 as any old settler can remember. Maybe it is all a blessing in disguise, or maybe Dame Nature fell for the talk of the agriculture economists who want reduction in crops, and gave them an illustration of how the job is done, without so much talk as we have all heard in the last four or five years.

Chicken Dinner

On Saturday evening, November 4th, Mr. and Mrs. Adolph Mueller and Mr. and Mrs. Robert Mueller were dinner guests of Mr. and Mrs. George Weber, near Bethany. Mr. Weber was a former Mueller employe, but has been on the retired list for a year or so. Instead of moping about, he bought himself a little home and a few acres of ground in the country, and has succeeded despite depression, over production and under production, low prices or what have you? Mrs. Weber maintained her reputation of knowing how to prepare and cook a chicken dinner that makes you ask for more.

Saved The Bishop

At the close of his talk before a Sunday School, the Bishop invited questions.

A tiny boy with white, eager face, at once held up his hand. "Please, sir," said he, "why was Adam never a baby?"

The Bishop coughed in doubt as to what answer to give, but a little girl, the eldest of several brothers and sisters, came promptly to his aid.

"Please, sir," she answered smartly, "there was nobody to nurse him."

"Say, did I see you grab my daughter by the foot?"

"Oh, no, sir! Far from it!"

MODERN LINGUIST



He: "Grace has a good education, hasn't she?"

She: "Sure. She can say 'So's yer old man' in nine languages."

GOLD LOSSES IN PAST CENTURIES

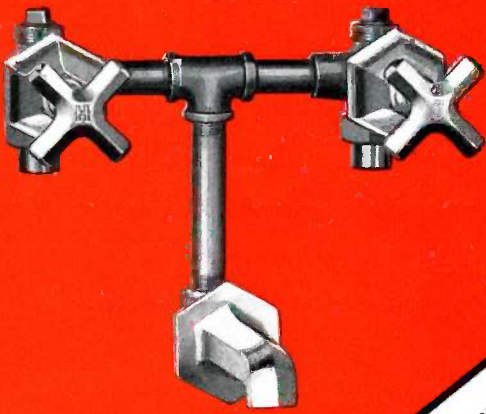
Gold is very much talked about these days. Most people know gold today only as they see it in jewelry. It's seldom any of us see it in money. We hazard a guess that the younger generation does not know anything about eagles and double eagles, half eagle, or quarter eagle. Gold has not been in general circulation as money for many years. In fact, it has been so uncommon that there are persons who might feel inclined to refuse acceptance of it if offered to them.

Billions of dollars of gold have been retrieved from the earth and billions of it have disappeared either through hoarding or through loss.

The amount thus out of sight, according to Washington estimates, is the tidy sum of fifteen billions. This disappearance dates back to the time Columbus came over and claimed this country for Spain.

The Bureau of Mines estimates that from 1493 to 1932 the world produced 1,109,800,000 ounces of pure gold. About one-half of this has disappeared, or to be exact, 536,563,329 ounces, according to the best information obtainable. This can be partially accounted for in four ways. First by hoarding; second, buried in the shape of jewelry and ornaments with the dead; third, lost at sea through ship disasters; fourth, possibly one-third of it held in the strong boxes of the wealthy Indian princes.

We trust that this will satisfy any reader interested in the subject. If it does not, don't point the accusing fingers at us—we have not got any of it.



H-3962



H-5412

ESTABLISHED 1867
MUELLER CO.
 PLUMBING, WATER AND GAS PRODUCTS
 DECATUR, ILLINOIS

Mr. Master Plumber:

Permit us to introduce to you for favorable consideration Mueller Co.'s latest creation - New Artcraft Staple line - priced much below usual Artcraft fittings and but slightly higher than round pattern fittings.

MUELLER CO.
 P.S. Ask us for circulars and quotations.



H-3611



H-5080



**GOOD
NEWS FOR
THE GAS
TRADE**

→ **AN IMPORTANT**

MUELLER CO.
of the **GROBLE**

In taking over the Groble Gas Regulator business, Mueller Co. enlarged their sphere in the gas industry.

We are now prepared to fill your requirements for House Service Regulators, District Regulators, High-pressure Regulators—in fact a complete line of gas regulating devices. (See page 10)

We are not offering you a new and untried line of valves. There is nothing experimental about them. They have been used by the gas trade over a long period of years. Invariably they have been satisfactory, functioning perfectly, and meeting every gas requirement for which the valve was designed.

The Groble staff of engineers have been combined with Mueller gas engineers. This combination of mechanical facilities of the large Mueller plant, puts us in splendid position to keep our valves up to a high standard of perfection.

It enables us to push the production under more favorable and efficient conditions and to give you regulator service covering a wide range of needs in the regulation of gas pressure and flow.

The mechanical simplicity of these valves, their accessibility, the fact that they can be adjusted with a plier and screw driver being all the tools necessary—makes them a favorite with the gas trade.

Our engineering staff is thoroughly familiar with the problems confronting the gas trade. Each has a background of years of theoretical and practical experience. Their services are available to you. They are anxious to aid you and will gladly do so if given the opportunity. This service is at no extra cost.

Keep in mind the fact that these are not new and untried valves which will require frequent attention on your part.

Hundreds of gas companies are using these valves and know that they have no need for spare parts, but they do have every part necessary to give perfect control and the longest service life.

The Mueller Co., following its long established custom, assures you that any change in gas field will be met with valves to take care of that condition.

FACTORIES
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MUELLER Co.
WATER, PLUMBING AND GAS BRASS GOODS
SUCCESSORS TO
GROBLE GAS REGULATOR COMPANY

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ACQUIRES ALL INTERESTS GAS REGULATOR COMPANY

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with the unsurpassed
our line of gas valves

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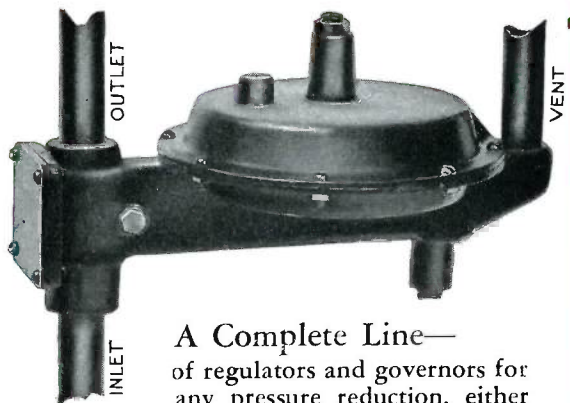
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ing conditions in the



A Complete Line—
of regulators and governors for
any pressure reduction, either
manufactured or natural gas.

REGULATORS—

- Butane and Propane Bottle Gas Regulators.
- High, Low and Intermediate Pressure Service (with or without mercury seal and either spring or dead weight type).
- High Pressure Line.
- Single District Station, with Secondary Governors and Master Bowl Control or with Master Bowl Control only, or that automatically increases and decreases the outlet pressure according to demand.
- Double District Station.
- Intermediate Pressure.
- Automatic Safety Regulator, for between Holder and high pressure mains.
- Proportional Mixing Regulators, for high or low pressure, and
- High Pressure Differential.

GOVERNORS—

- Holder and Intermediate Pressure.

VALVES—

- Back Pressure, for high and low pressure.
- Relief for high and low pressure.
- Dead Weight Relief.
- Automatic Quick-closing Anti-Vacuum.

SPECIALS—

- Separate Mercury Seals.
- Special Regulators and Governors for natural and manufactured gas.
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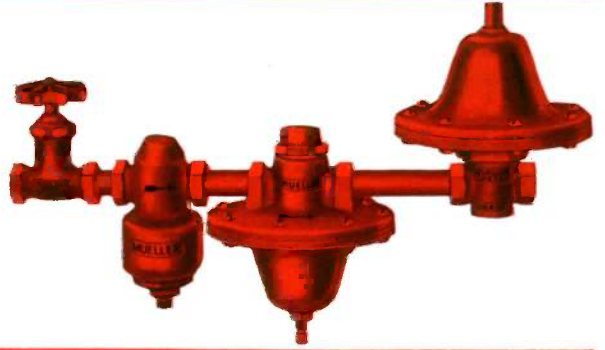
MUELLER CO.

Decatur, Ill.

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NEW YORK
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CISCO

THE COLD WINTER WINDS WILL BLOW DOLLARS YOUR WAY

Decrepit Hot Water Heating Systems mean a new plant or a rebuilt one. Cold weather is the world's best salesman of heating equipment. AND YOUR FIRST AID IN HEAD-ING THE DOLLARS INTO YOUR CASH REGISTER IS—



MUELLER HEATING SYSTEM

9 ADVANTAGES OF OUR H-9500 HEATING SYSTEM.

- 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.

MUELLER SYSTEMS EARNED THEIR GOOD REPUTATION BY GIVING GOOD SERVICE TO THOUSANDS OF SATISFIED USERS.

The Mueller Heating System is designed solely for Hot Water Heat Control. It is made in size 1/2" only and is suitable for any job up to and including three stories in height. It will control plants having up to 15,000 ft. radiation.

For coal fired boilers use Mueller H-9500 Heating System with damper control. For gas or oil fired plants or with room thermostat control, use Mueller H-9500 Heating System less damper control.

At a More Favorable Price to Dealers. Ask Us at Once.

9 SUPERIOR FEATURES OF OUR H-9500 HEATING SYSTEM.

- 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 15 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.

MUELLER

MUELLER CO. DECATUR, ILL.

Factories:
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AN ECCENTRIC CHARACTER

J. N. Free, Who Traveled on Free Passes
Good for Life

Thomas Reese, for more than fifty years an editor at Springfield, Illinois, died recently. He was known throughout Illinois as a jovial, good natured, companionable man. He had what so many persons unfortunately lack, a keen sense of humor and he had a fund of anecdotes and stories.

One of these he related to the writer concerning a character whom we both knew. The person was none other than "J. N.", frequently, much to his distaste, called the "Immortal J. N." He was an Ohioan and widely known, especially in the newspaper profession throughout Ohio, Indiana, and Illinois. "J. N." was mildly demented but perfectly harmless.

Due Civil War

It was said of him that he had been a brilliant young lawyer who had brooded over the Civil War until his mind became affected. This seems possible because his hobby was that distressing war. His one aim in life was to "lift the pressure", an unseen power which he believed was bearing down on the people. He was continually promising to do so, but the writer who knew him for many years, does not know of his ever having held one of his frequently advertised meetings.

Attracted Much Attention

Tall, gaunt, with hair streaming down his shoulders, he attracted attention everywhere. In his pockets he carried some fifty railroad passes, given him presumably to keep him from his periodical visits. These read: "Pass J. N. and one for life," and this brings us to our story. Quincy, Illinois, is on the Mississippi river. Danville is nearly on the Illinois-Indiana state line, a distance of some two hundred miles.

Long Way for Laundry

Getting on a Wabash train at Quincy, Editor Reese ran into J. N. curled up on a seat reading a paper.

"Hello, J. N. Whither bound?" said the editor.

"Oh, just going over to Danville," replied the eccentric old man. "Left my shirt at a laundry there day before yesterday and thought I'd run over and get it."

J. N. lived on trains. His restless spirit kept him on the move day and night.

Unusual Generosity

On one occasion J. N. dropped in the St. Nicholas hotel, Decatur, for dinner. The American dinner cost \$1.00. J. N. knew it, but finishing, called the landlord, and in a loud voice asked:

"How much, Mine Host?"

"One dollar, but seeing it's you, J. N., I'll throw off a half dollar."

"Well, I'll not be out done in generosity

GOOD FORM



Angry Father: "How dare you hug my daughter?"
Fresh: "Don't be old fashioned, that's considered good form now."

by any one, I'll throw off the other half," and J. N. stalked out, leaving the landlord laughing as heartily as his guests.

HORNETS IN CITY WATER
TOWER

Curious things happen to water works plants. Last April we published a story from Porterville, California, which described how a few woodpeckers pecked through a cast iron water main to get a shower bath. The main crossed a ravine. Now Memphis, Missouri, has had trouble with hornets in the city water tower. When an electrician climbed to the top to replace electric light bulbs, he was attacked by the angry insects and had to retreat. When he came down he said he would prefer picking up a hot wire than be tickled by the hot foot of an angry hornet. At last account, the hornets were still in possession.

Pen Name

Social Worker: "What's your name, my man?"

Convict: "Number 888."

Social Worker: "Oh, but that's not your real name."

Convict: "No, just my pen name."

Knew What to Say

A demure your bride walked slowly down the church aisle clinging to the arm of her father. As she reached the platform before the altar her dainty foot brushed a potted flower, upsetting it. She looked at the stilled church gravely, then raised her large child-like eyes to the sedate face of the old minister.

"That's a hell of a place to put a lily," she said.

It is estimated that only two per cent of manuscripts submitted for publication are ever published in book form and sometimes one thinks this per cent too high.

RED CROSS ROLL CALL



Again we come to the calling of the roll—the Red Cross roll. This great organization—the world's angel of Mercy—surely deserves your thoughtful cooperation. It does more than deserve it—it has earned your aid and support. Wherever disasters have occurred during the year, the Red Cross members have been on the ground within a few hours caring for the injured, helping rebuild homes, supplying food and nursing the sick. The character of the work of this organization, the efficiency of its trained members in times of disaster, has been born in experience. All of us know what the Red Cross has and can do; all of us know what we should do; let's do it. Enroll as a member, and feel that you have discharged a duty you owe your fellowmen.

ONE TOWN DUG OUT

It also was in the Mississippi flood that the job of digging a town out of the earth and debris literally was accomplished. That was Melville, La., an incorporated community of 1,394 inhabitants, situated on the west bank of Atchafalaya river. The main levee of that river broke with such little warning that the residents were driven from their homes in the early morning hours. Every home in the town was flooded. For nearly nine weeks the buildings were under 12 feet of water. The Red Cross was active in co-

WE SIDE WITH THE LADIES

Cannot Believe What a Cynical Old Rhymer Says of Them

Here is a bit of cynical rhyming which we found floating around and grabbed off for reproduction for your entertainment, approbation, or denunciation, as per your individual viewpoint. The author has not overlooked any accepted characteristics of women, be they good or shrewish. It's a composite rather than an individual picture. No one can make us believe that any one woman could be all the rhyming lines make her out to be. We cast aside that thought, and denounce the author as a selfish, sarcastic, sour old hunk of cheese. The idea of attributing to any one woman all the malicious things he has said! Why it would take at least a dozen women to absorb them all.

WOMAN

She's an angel in truth, a demon in fiction...
 A woman's the greatest of all contradiction;
 She's afraid of a cockroach, she'll scream at
 a mouse;
 But she'll tackle a husband as big as a house.
 She'll take him for better, she'll take him for
 worse,
 She'll split his head open and then be his
 nurse;
 And when he is well and can get out of bed,
 She'll pick up a teapot and throw at his head.
 She's faithful, deceitful, keen sighted and
 blind;
 She's crafty, she's simple, she's cruel, she's
 kind.
 She'll lift a man up, she'll cast a man down,
 She'll make him her hero, her ruler, her
 clown,
 You fancy she's this but you find that she's
 that;
 For she'll play like a kitten and fight like a
 cat.
 In the morning she will, in the evening she
 won't,
 And you're always expecting she will but she
 won't.

operation with local authorities. Thirty-one thousand cubic feet of sand were removed. Proper drainage was restored. Three hundred and forty houses were rebuilt or repaired. Twenty-one new houses were built and 312 buildings were raised, moved or repaired.

Nothing

A Northerner, riding through the South came up with a mountaineer leisurely driving a herd of pigs.

"Where are you driving the pigs to?" asked the rider.

"Out to pasture 'em a bit."

"Isn't it pretty slow work to fatten 'em on grass? Up where I came from we pen them up and feed them on corn. It saves lots of time."

"Yaas, I s'pose so," drawled the mountaineer. "But what's time to a hawg?"

Genius

Men give me credit for some genius. All the genius I have lies in this: When I have a subject in hand, I study it profoundly. Day and night it is before me. My mind becomes pervaded with it. Then the effort which I have made is what people are pleased to call the fruit of genius. It is the fruit of labor and thought.

—ALEXANDER HAMILTON.

Mechanically Perfect

The Great Pyramid of Egypt was erected more than 5,000 years ago, and nothing more mechanically perfect has ever been built.

The Biggest Shark

Probably the largest shark ever captured was caught off the coast of Florida in 1912. It weighed 26,594 pounds.

Old Time Booze Bills

The estimated retail value of liquor consumed annually in the United States prior to 1918 was from \$2,500,000 to \$3,000,000.

If You Know North

The watch may be used as a compass. Point the hour hand to the north, then, in the morning, half-way between the hour hand and noon is south. In the afternoon one must reckon backward.

No Faith in Banks

China is generally regarded as a poor country, but this is not actually the truth. The Chinese have little faith in banks and hoard their money. No one knows how much gold and silver is thus hidden away.

Origin of Popular Phrases

A Sultan at odds with his Harem
Thought of a way he could scare 'em;
He caught him a mouse
Which he freed in the house,
Thus starting the first Harem Scarem.
—Bear Skin.

SEASONAL PHILOSOPHY



Snow: "Alas, wotta life, wotta life. A snow man today and a few buckets of water tomorrow, but I'm popular now, I'm wet."

HEINE MEETS OLD FRIEND



And here we have a good old friend of Mueller Co., Jack Garvey, master plumber of Mason City, Iowa. While there on a regular trip some weeks ago, Billy Heinrichs called on him after a lapse of many years, but Mr. Garvey called him by name as soon as he entered the door. It was a pleasant visit for each one and they recalled old times and old names in the plumbing business. Among Mueller salesmen Mr. Garvey mentioned were Billy Dill, now representing us in Los Angeles, Tom Leary, our manager at San Francisco, Mont Whitney, Murray Kirkwood, and Verne Ross, who have passed on, and Horace Clark.

Salesman Heinrichs called on Mr. Garvey over twenty-five years ago before he came to our company. At the time he was traveling for Sieben Mfg. Co. of Kansas City. Mr. Garvey was formerly in the plumbing business at Dubuque, but has been in Mason City for some years. He has a nice store and business, is popular with the town folks, and the plumbing fraternity.

The Truth Comes Out

Mother: "Willie, I heard that instead of going to Sunday School this morning you played football."

Willie: "That isn't true, and I've got a string of fish to prove it."

Hot Dog!

Little Mary, aged five, driving through the country with her father, for the first time saw cat-tails growing along the road.

"Oh, daddy," she cried, shaking her father's arm in her excitement, "look at the hot-dog garden!"

Had Tried It

Willie: "Ma, if the baby was to eat tadpoles, would it give him a big bass voice like a frog?"

Mother: "Good gracious, no! They'd kill him."

Willie: "Well, they didn't."

HOME AND HAPPINESS



Curling smoke from a chimney low,
 And only a few more steps to go,
 Faces press at a window pane,
 Watching for someone to come again.
 And I am the someone they wait to see
 These are the joys that life gives to me.
 What has my neighbor excelling this
 A good wife's love and a baby's kiss?
 What if his chimneys tower higher?
 Peace is found at our humble fire.
 What if his silver and gold are more?
 Rest is ours when the day is o'er.
 Strive for fortune and slave for fame.
 The joy men struggle for stays the same.
 Rich and poor men dream and pray
 For a home where laughter shall ever stay,
 And the wheels go 'round and men spend
 might
 For the few glad hours they claim at night.
 Home, where the kettle shall gaily sing,
 Is all that matters with serf or king.
 Gold and silver and laureled fame
 Are only sweet when the hearth's aflame
 With a cheerful fire and the loved ones there
 Are unafraid of the wolves of care,
 So let me come home at night to rest
 With those who know I have done my best,
 Let the wife rejoice and the children smile
 And I'll know by their love that I'm worth
 while,
 For this is conquest and world success
 A HOME where abideth HAPPINESS.

Guess I Know!

City Bred Prophet (pointing to haystack):
 "What kind of a house is that?"

Country Bred: "That ain't a house, that's
 hay."

City Bred: "Say! You can't fool me, hay
 doesn't grow in a lump like that."

Too Indefinite

Uncle Sol threw aside the letter he was
 reading and uttered an exclamation of im-
 patience.

"Doggone!" he cried. "Why can't people
 be more explicit?"

"What's the matter, pa?" asked Aunt Sue.

"This letter from home," Uncle Sol an-
 swered, "says father fell out out of the apple
 tree and broke a limb."—Exchange.

REAL OLD TIMER

Helped to Harvest 71 Crops—Grand Jury
 Experience Made Him Forgetful

Aged gentlemen—between 82 and 102—al-
 ways "reminis" entertainingly. To be in
 Class A, they should read without glasses,
 have all their own teeth due to always hav-
 ing chewed tobacco, and good health upon
 which gallons of "likker" made no inroads.

Also, they should possess retentive mem-
 ories and give the name of every president
 they voted for. And also, once more, they
 should show a record of never having
 scratched a ticket, no matter what their po-
 litical affiliations. This evidence of political
 fidelity is the surest symptom that you have
 hooked a simon pure octogenarian or cen-
 tenarian.

Dances Jig at 82

We came across some such recently in the
 person of John B. Pittinger, just past 82,
 spry as a squirrel and longing for a job, not-
 withstanding he has been a hard working
 man all of his life. All levity aside, Mr. Pit-
 tinger is an interesting personality and his
 mind is still working and never missing a
 stroke. His eye is bright and he can do a
 short jig step with no discordant creaking
 of joints.

His nerves are still steady, his mind clear,
 and memory good, and he does read without
 glasses. He is not ready to quit yet. In fact,
 he is ready for a job, and has had experience
 in some lines, believe us. Take threshing, as
 an example. He has taken part in harvest-
 ing seventy-one crops.

A Twenty-Year Connection

"Yes, sir, if liquor will kill a man, it makes
 a bad show of me, and I've been doing busi-
 ness with the same still for twenty years.
 Twenty years ago I quit chewing tobacco
 because I thought I was chewing too much.
 Ever smoke a cigaret? Naw. It's a pipe for
 me. I eat anything cooked or raw and it
 does not harm me in the least. If there is
 anything in N. R. A. I'm not intelligent
 enough to see it.

"I don't know what farmers are coming to.
 They drive their sons off the farms by using
 machinery and they keep on rearing more
 sons."

How He Practiced Forgetting

And humor. Read this: "I've seven chil-
 dren. Can't remember the name of man who
 married my daughter. That may be a sign
 of old age, but I was always forgetful of
 names, but there's a good reason for it. In
 my life I served on and have been a witness
 before grand juries as a witness many times.

"That," said the merry old man, "is how
 I got the habit of forgetting names."

Better'n a Scarecrow

The Artist: "I hope you won't mind me
 coming to sketch in your field, sir?"

"Oh, no. You'll keep the birds off the
 peas better'n any orney scarecrow."

A WORD ABOUT ALTON

It's Something More Than an Illinois Town on the Way to Chicago

One of our favorite columnists, W. G. Sibley, published in his column, "Along the Highway", a two line item as follows:

"A good Toledo friend reminds us that Alton is an Illinois town (on the way to Chicago)."

We do not know whether this Toledo friend was kidding Mr. Sibley or whether Mr. Sibley is kidding Alton. Whichever the case may be, we are pained to note a lack of geographical and historical knowledge of one of Illinois' oldest cities. Alton is situated on the Mississippi river bluffs, and you do not pass through it en route to Chicago unless you travel from southwest to the northeast.

We rather lean to the belief that it is a bit of Mr. Sibley's subtle humor which is always entertaining. We hold no brief to defend Alton. The city is old enough to take care of itself, being one of the oldest in Illinois, and it has an historical background of national interest, keenly remembered by older citizens.

Settled by the French

Alton was settled by the French in 1807. It is located on the bluffs which form the eastern bank of the Mississippi river. Monticello Seminary, Shurtleff College, and the Western Military Academy are among the oldest educational institutions in the state.

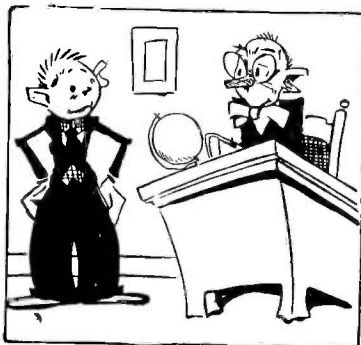
In 1837 one of the first anti-abolitionist riots occurred there when the mob killed Elijah P. Lovejoy and wrecked his printing office.

There were two Lovejoys, indelibly identified with the abolition movement in Illinois. Both were eastern men, born in Albion, Maine. Elijah was graduated from Watonsville College (now Colby University), in 1826, taught school in St. Louis for a year, and edited a Whig newspaper. In 1832, he returned east to Princeton College for a course in theology and was ordained in 1833. That same year he assumed the editorship of the St. Louis Observer, taking a strong stand against slavery. Threats of mob violence caused his removal in 1836 to Alton, where he established the Alton Observer.

Burned Out Three Times

Three times within a year, his printing office was wrecked. On the night of November 7, 1837, ninety-six years ago, a fourth mob attacked the office. A guard of twenty men stood by Lovejoy and the principles he espoused. One of the assailants was killed. Lovejoy, hoping to quell the riot and save his printing plant, stepped outside to speak to the rioters, but they opened fire on the brave crusader and he fell, mortally wounded. The rioters applied a torch to the building and the Alton Observer went up in smoke. That murder and that muzzling of the free press proved a powerful influence

IN MEDICAL SCHOOL



Professor: "What preparation is necessary before diagnosing a patient's case?"

Student: "No particular preparation. You are, of course, perfectly familiar with the schedule price of the different operations, so you just look him up in Bradstreet's and find out how serious an operation he can stand, and cut into the old cheese."

in solidifying the people of Illinois in their opposition to slavery.

It's Illinois History

That Lovejoy affair is an immortal part of the history of Illinois—the state of Lincoln, Grant, Logan, Oglesby, and a host of other soldier-statesmen.

Owen Lovejoy was graduated from Bowdoin College and became a Congregational minister at Princeton, Illinois, and although such meetings were forbidden by law, he made many anti-slavery speeches. First a member of the Illinois Legislature, he was later elected congressman. As legislator and preacher, his eloquent voice was always heard in condemnation of slavery.

And so Alton may be the town you pass on the way to Chicago, but to true Illinoisans it's a shrine where they bow their heads in reverence to the memory of Elijah Parish Lovejoy, a martyr to the cause of human freedom, and the right of free speech and a free press.

\$300 Reason

Biggs: "Ted is very fond of his country sweetheart. He says that he loves the very ground she walks on!"

Boggs: "He means it, too!" That land is worth \$300 per acre!

And Found the Works

Jake: "What has become of that hired man you got from the city?"

Hiram: "Ah, he used to be a chauffeur and one day he crawled under a mule to see why it wouldn't go."

Adopting Banking Form

City Banker (visiting farm): "I suppose that's the hired man."

Farmer (who has visited banks): "No, that's the first vice-president in charge of cows."

AUTO LINE



Speakin' of Pigs

The hog o' the farm has hair on his back,
The hog o' the road on his face;
If I should compare the road hog, I swear
To the farm hog it would be a disgrace.
There's a hog o' the farm and a hog o' the
train,
A hog everywhere—I'll be blowed!
But the littlest, dirtiest, meanest of all,
Is the two-legged hog o' the road.

They Certainly Draw

A radio in an automobile is a wonderful
thing. We were followed for several minutes
by a motor cop the other evening and found
out later he only wanted to hear Amos 'n'
Andy.

Guess What It Was

Son: "What does the word 'chauffeur'
mean?"
Father: "That is the name given to the
driver of a motor-car."
Son: "That was not the name you gave
to the driver of the car that nearly ran over
you yesterday."

Right Back at Him

Taxi Driver: "You ought to be wheeling
a baby-buggy."
Old Man (with wheelbarrow): "And you
ought to be in it."

In Memoriam

Mr. Binks was busily engaged with a
spade in the mud beside his car when a
stranger hailed him.
"Stuck in the mud?" he asked.
"No, no!" replied Mr. Binks cheerfully.
"My engine died here and I'm digging a
grave for it."

Two of a Kind

The wife who drives from the back seat
isn't any worse than the husband who cooks
from the dining room table.

Made a Hot Sign

A motorist, who was picked up uncon-
scious after a smash, opened his eyes as he
was being carried into a garage close at
hand. He began to kick and struggle. When
he was afterwards asked the reason he ex-

plained that the first thing he saw was a
Shell sign and that "Somebody was stand-
ing in front of the 'S.'"

Immunity Denied Some Drivers

"This talk about back-seat driving is the
bunk. I've been driving a car for ten years
and I've never had a word from behind."
"What sort of a car?"
"A hearse."

Fire Sale Perhaps

Wife: "Oh, Abe, the car is running away!"
Husband: "Can you stop it?"
Wife: "No."
Husband: "Well, then, see if you can't hit
something cheap."

* ! ? ? ? ! * — ! !

After watching the young lady driver
ahead wave her hands in three or four dif-
ferent directions at once on the intersection,
the driver behind decided she was going to
turn to the right and crashed into her as she
changed her mind. He got out to do a little
interviewing.

"Well, all I can say," said the miss, "is
that I'm sorry."
"Is that all you can say?"
"Why, yes."
"Well, then," said the young man, clear-
ing his throat, "listen to me! ! !"

Big and Boisterous

Cop: "I've waited for you to return for
two hours. You're under arrest for parking
overtime. What's your name?"
She: "It wouldn't do you any good if I
told you. You look like a nice boy, but my
husband is about twice your size and very
jealous."

Formula for Accident

Take one reckless natural born fool; two
or three drinks of bad liquor; a fast, high-
powered car; soak the fool well in the li-
quor, place in the car and let him go. After
due time remove the wreckage, place in
black satin-lined box and garnish with
flowers.

Sleep Walker

John: "Lucy sure is a nice girl."
Jake: "Yep, so nice that when she dreams
of auto rides she walks in her sleep."

Sounds Mae Westy

Girl Driver: "Didn't you see me stick out
my hand?"
Man: "No, I didn't miss."
"Well, if it had been my leg you would
have seen it."

Quick Wits

Motor Cop (after hard chase): "Why in
h— didn't you stop when I shouted back
there?"
Driver (with only five bucks, but presence

of mind): "I thought you just said 'Good morning, Senator.'"

Cop: "Well, you see, Senator, I wanted to warn you about driving fast through the next township."

Shake, Brother!

The rumble seat, the humble seat,
Where poor relations ride;
The rumble seat, the grumble seat—
They're never satisfied.

The rumble seat, the jumble seat,
Where folks together thrown
Discuss with heat the mumble seat
In bitter monotone.

Avoiding Further Entanglements

First Hub: "Did you ever think of telling your wife to quit driving from the back seat?"

Second Hub: "Never. On such occasions there's plenty of material for argument without adding complications."

ADVERTISERS TAKE NOTICE

The postal department has called attention to the fact that it is a violation of law to stuff advertising in rural mail boxes unless stamps are attached. The practice has become quite common and the postal authorities intend to break it up.

According to Third Assistant Postmaster General Tilton, mail boxes on rural routes are erected exclusively for the reception of mail matter. All mailable matter deposited in such boxes is subject to the conditions prescribed for mail matter, including the payment of proper postage and proper addressing. Carriers are instructed to collect matter without postage or addresses discovered in mail boxes along their routes, and bring it in to their post offices, which will notify its distributors and hold the matter for postage.

FINISHED ARTIST



Nell: "Don't let him call on you, May, he's a dreadful roughneck."

May: "That's only half the story. He's a rough necker, too."

NEW PRESIDENT AT DALLAS

Mr. Richard G. Soper Now Heads the Dallas Gas Co.



R. G. Soper

Mr. Richard G. Soper has been elected president and general manager of one of the great public utilities of Texas—the Dallas Gas Company. He succeeds the late Henry C. Morris, with whom he has been closely associated for many years.

Like his predecessor, he is a native of Detroit, Michigan, and acquired his initial training and experience in the gas field. He was first associated with the Pontiac, Michigan, Light Company and then the Jackson, Michigan, Gas Company. Mr. Soper has been actively connected with the Dallas Gas Company since 1909. Since 1928, he has been vice-president and secretary. He was closely associated with Mr. Morris in the development of the Dallas property, and in changing it from a manufactured gas plant with 6,000 meters and 77 miles of mains to a natural gas service with 793 miles of mains and some 65,000 customers. In this big undertaking, Mr. Soper has had a very important part.

His high standing in Dallas affairs is indicated by an editorial which appeared in the Dallas Times-Herald which said:

"The election of R. G. Soper to the presidency of the Dallas Gas Company, to fill the vacancy caused by the recent death of Henry C. Morris, is good news to all citizens who have had contact with Mr. Soper during his long service with the company.

"The new president may be expected to labor diligently in the interest of his firm, but he has proved in many controversies of past years that he fights fairly and that he has none of the arrogance the public sometimes associates with public utility officials.

"Mr. Morris was a popular executive in spite of the fact that his company engaged in rate disputes with the city government. Through all controversies Mr. Soper was his right-hand man as vice-president and secretary of the company. No matter what the future may bring in the way of rate disagreement, it is safe to assume that Mr. Soper will retain the high place that he holds in the public esteem as a Dallas citizen and as a man. So fortunate is he in personality that he can negotiate without rancor."

The Old Hen

Cluk: "Why are you eating those tacks?"

Hen: "I'm going to lay a carpet."

Layin' for Him

"There he is," chuckled one old hen to the other. "That's the guy I'm laying for."

Decatur's N. R. A. Demonstration



Above: Arthur Township High School Band, prize winners at Century of Progress Exposition. Arthur is a small town, but its high school band is something to write home about. Some fifty boy and girl musicians filled the air with patriotic melody as we marched in the big parade.

Groups of industry were represented by differ-

ent floats. These two were among the many beautiful designs appearing in the parade. Mueller Co. and employes turned out 100 per cent strong. We left desks and factory without "dolling up" at all. One purpose of the parade was to show how many Decatur citizens had employment. And a force carrying dinner pails and working clothes added a touch of realism.

Friday, September 29th, was a day long to be remembered. Business was suspended at 3 P. M. and an NRA parade was held which set a new mark for local demonstrations. Ten thousand persons, marching six abreast, tramped through the streets of the city to the music of sixteen bands and drum corps, and the cheers of 75,000 enthusiastic people who occupied every foot of space abutting the line of march. At points on the parade, the crowds were so dense on each side that it was barely possible for the parade to squeeze through.

The object of the parade was, of course, to express in a public way the faith of the people in the new deal. Another object was to bring to public notice those of Decatur who had employment, either in industrial plants or mercantile enterprises. The parade was therefore composed of men and women. Most of the industrial portion of the column was made up of men who stepped from their duties and fell in line carrying their dinner pails. Mueller Co. was among those who

did this. These men and others were given loud applause. Our representation was practically 100 per cent. The procession was an hour and a half passing the reviewing stand.

There were no floats representing individual enterprises, but there were fifteen or twenty floats which represented the different lines of business.

The afternoon demonstration came to a close with the crowning of Queen Nira in Central Park, and a banquet tendered by the Association to the Queen and her court at the Hotel Orlando in the evening.

Wooden Wedding

1st Co-ed: "Gosh, I'm tired, I went to a wooden wedding last night."

2nd Co-ed: "What th' heck is a wooden wedding?"

1st Co-ed: "Two Poles got married."

A little early, but a Merry Christmas just the same.

From Maine to Proto Rico 300 lights aid navigators.

Stille Steps To The Front



Stille Making the Shot That Put Him on Top

The Mueller bowlers are hard at it. They have been sending the balls roaring down the alleys since October 31st. And are rounding into midwinter form. The rivalry is very keen and changes in standing are of frequent occurrence.

The last report possible for this Record brings the league up to November 7th with old Sparking Plug Stille, our electrician, leading in the ten highest bowlers, the coveted honor of all the bowlers. Those who have held and tumbled from this pedestal are:

- September 15—C. C. Roarick
- September 19—C. C. Roarick
- October 4—C. C. Roarick
- October 10—C. C. Roarick
- October 17—O. E. Walker
- October 24—O. E. Walker
- October 31—O. E. Walker
- November 7—E. C. Stille

The Pattern Shop began as tail enders and are now the leaders. The high game record of 1001 has been reached by the Pattern Makers six times.

The individual high game record is:

	G.	Av.	H.G.
9-15-33—C. C. Roarick	3	220	279
9-17-33—C. C. Roarick	8	204	279
10-4-33—C. C. Roarick	9	193	279
10-10-33—C. C. Roarick	12	195	279
10-17-33—O. E. Walker	8	196	234
10-24-33—O. E. Walker	8	196	234
10-31-33—O. E. Walker	8	196	234
11-7-33—E. C. Stille	23	193	246

	W.	L.	Pct.	Av.	H.G.
Pattern Makers	17	10	.630	813	1001
Specialty Division	15	12	.556	845	930
Works Mgr. Office	15	12	.556	824	949
Ground Key Division	13	14	.481	801	909
Tool Makers	13	14	.481	799	930
Utility Engineers	8	19	.296	776	948

INDIVIDUAL AVERAGES

1. Pattern Makers		4. Ground Key Division	
G. Krag	190	E. C. Stille	193
C. Morcnz	174	W. Behrns	184
J. A. Morrison	161	A. Radke	167
H. Leipski	160	J. Taylor	161
R. Lusk	153	H. Gragg	155
A. Lindamood	151	C. Rubican	121
O. C. Keil	137		
2. Specialty Division		5. Tool Makers	
K. Blankenburg	186	C. C. Roarick	190
A. Grossman	174	C. W. Doherty	166
A. Flaughter	170	W. Smith	163
C. Hill	165	F. A. March	156
E. Hartwig	163	F. Galka	151
R. Hill	160		
3. Works Mgr. Office		6. Utility Engineers	
O. E. Walker	196	W. Gould	174
C. F. Roarick	172	F. H. Mueller	174
J. Bain	169	B. Mason	164
L. Wiant	166	O. C. Draper	147
J. E. Hart	143	W. Robinson	134
P. G. Jacka	141	J. W. Wilkins	132

TEN HIGH BOWLERS

	G.	Av.	H.G.
C. Stille—Ground Key Division	23	193	246
Krag—Pattern Makers	23	190	222
C. C. Roarick—Tool Makers	21	190	279
Blankenburg—Specialty Division	18	186	226
Morenz—Pattern Makers	21	174	229
Grossman—Specialty Division	26	174	230
Gould—Utility Engineers	17	174	231
F. H. Mueller—Utility Engineers	15	174	246
C. F. Roarick—Works Mgr. Office	27	172	218
Bain—Works Mgr. Office	27	169	258

MY WORK

Let me but do my work from day to day,
 In field or forest, at the desk or loom,
 In roaring market place or tranquil room;
 Let me but find it in my heart to say,
 When vagrant wishes becken me astray,
 "This is my work, my blessing, not my doom;
 Of all who live, I am the only one by whom
 This work can best be done in the right way."
 Then shall I see it not too great, nor small,
 To suit my spirit and to prove my powers;
 Then shall I cheerfully greet the laboring hours,
 And cheerfully turn, when the long shadows fall
 At eventide, to play and love and rest,
 Because I know for me my work is best.
 —Henry Van Dyke.

VALUE OF TIME

Believe me when I tell you that thrift of time will repay you in afterlife, with a usury of profit beyond your most sanguine dreams; and that waste of it will make you dwindle alike in intellectual and moral stature, beyond your darkest reckoning.—W. E. Gladstone.

MIGHT CHANGE HER MIND



Jack: "Daisy says there's no such thing as perpetual motion."
 Jim: "If she could see herself eat, she might change her mind."

MUELLER FOLKS' ACTIVITIES

The Foreman's Club opened the winter season with a business and social session at Mueller Lodge on the evening of November 2nd. There was a good attendance as nearly all members of the club were accompanied by their wives. Brief addresses were made by Robert Mueller, W. E. Mueller, O. C. Keil, and Adolph Mueller.

Mrs. Al. Bashore spoke on the work being done by the Mueller Women's Social Club. Quilts, clothing, food, and household equipment were furnished quite a number of our people last winter, and the club is already preparing for this coming winter.

General Superintendent Roarick, on behalf of the Foreman's Club, presented a beautiful tennis racket to Emmett Reedy, who with his family, left Saturday, November 2nd, for Los Angeles where he assumes his duties as General Superintendent of the Pacific Coast plant.

As One Superintendent to Another

In making this presentation Supt. Roarick said:

You all know that Emmett Reedy has been assigned to California. He's going west to grow up with the country, which is pretty soft for Emmett, for he never grew up here—just remained a great big boy, not much different from the day he came here and wanted to know what kind of stop signal a corporation stop was.

But he learned and he stuck to his job, accepted responsibility, and now he gets recognition in being made general superintendent of the new plant on the west coast, and gets to live in Los Angeles with movie stars, ex-presidents, and other bright lights in politics and pictures.

And we think he will be equal to the occasion, just as he was equal to his opportunities here.

If there is any racket Emmett cannot catch up with, his friends here do not know what it is. He is something of a racketeer. He has made a good deal of racket around the factory, and without boasting of it, a good deal of racketeering on the outside. And this is why we are going to give him a racket tonight so that he can keep up his racketeering on the tennis court when he gets to the coast.

In behalf of the Foreman's Club, I present him with this tennis racket and our best wishes, and hope that he will make a better showing with his racket than he does with a bowling ball.

Dancing Class

Daughters of Mueller employes are meeting Saturdays at the Gymnasium for instruction in fancy dancing under the direction of Miss Annette Van Dyke, a leading teacher

of Decatur. The company has for several years promoted these lessons and Miss Van Dyke has developed a number of beautiful dancers among the daughters of employes.

Back from the Coast

Duke Mueller, Works Manager, accompanied by his wife, returned early in November from Los Angeles where he had gone to inspect the new Pacific Coast Factory.

Members of the company and the organization went to the Okaw cabin on Thursday, the 9th, to spend the week-end while hunting quail. They came home Sunday and Mr. and Mrs. Adolph Mueller accompanied by four or five married couples went back for an autumn outing. Adolph recently had the cabin sealed inside, built a big fire place, and improved the bathing facilities.

SAFETY ALWAYS

You see (said the old crossing watchman), it was about like this. The driver slams on his brakes and brings her to a stop right up against the gates. Then he freezes me with an icy look and yells:

"What d'ya mean stoppin' me as I'm starting across? I mighta busted them gates."

"Busted gates is easier fixed than busted heads," sez I, as the Limited goes thunderin' past. So then he cuts in with a parting dig:

"That train," sez he, "was a half-mile down the track when I drove up."

Matches have heads but no brains—you have both, and should use them. Never fail to see that all fire is out before throwing a match away. Carelessness in this particular has resulted in a loss of property running into millions of dollars. A single match seems harmless, but under favorable conditions it becomes the cause of wholesale destruction of property.

Do not plunge into work blindly. Impulsive haste leads to accidents and injury. If there is any element of danger in what you are going to do, take time to calculate means of avoiding it and the chances are greatly in favor of no injury to yourself or those who may be working with you.

Self-preservation is the first law of nature. That means something more than attacks from enemies and animals or escape from some impending danger. It means protecting yourself in every way you possibly can against accidents. Always be on your guard when working at a machine or using tools. Make self-preservation your slogan in fighting not only loss of your life but in the loss of a foot, hand or eye.

NOW IS THE TIME

Government Financial Aid Offers Municipalities a Great Opportunity

Notwithstanding the financial distress of many cities, they now face their greatest opportunity to build necessary and desirable public works. It's an opportunity that may never come again. At the recent meeting of mayors in Chicago, some of "Hiz-Zoners" moaned and wailed that all cities were broke, and that they could not redeem bonds, they could not sell bonds, and could not pay salaries.

And at the same meeting Harold L. Ickes, Secretary of the Interior and Federal Administrator of Public Works, in an address to these same mayors, said:

Opportunity of Lifetime

"Here is an opportunity to build necessary and desirable public works on more favorable terms than you have ever had before or than you may ever have again. Do you need new water works, or an extension of your present plant? Do you want a new or improved sewerage system? Do you require bridges or viaducts or public buildings or roads or new schools? These things and others you may have on unbelievably generous terms."

Broad Offer of Help

Mr. Ickes added: "On my motion, the special Board of Works adopted the following resolution:

"Resolved, That upon a proper prima facie showing that a proposed state or municipal public works project is socially desirable, is satisfactory from an engineering point of view, and can be financed under the law, the Public Works Administration may make an allocation of the money required for such project on the condition that not later than thirty days after such allocation, the financial and engineering features of said project be worked out and a final contract, satisfactory to the Administrator of Public Works, be executed, failing which the tentative allocation shall be without effect."

Certainly this is generous treatment. Why should municipalities hang back when the government is willing to help? Uncle Sam has taken an attitude of the farmer's wife who said, "Come on, men, the pie's cut and it's got to be et."

Municipalities should step up and get their piece of pie.

Two Fine Results

Again Mr. Ickes said:

"Naturally, the purpose of the public works program is not merely to do work for the sake of doing the work. We want to increase buying power.

"If at the same time that we increase buying power we build useful and socially desirable public works, we are accomplishing two fine results by the same effort. I need not point out to you that for every hun-

IN SCOTLAND



He: "Beautiful view here. Reminds me so much of what I saw in Scotland."
 She: "Oh, yeah? I saw that travelogue at the movie, too."

dred thousand men at work on public works projects there are at least an equal number at work back of the lines in saw mills, in steel mills, in factories, in quarries, and on railroads, producing materials and performing services necessary to supply the men on actual projects with what they need for their work. And as these men on the works and back of the lines acquire buying power, they are in a position to increase the buying power of others. They will be buying more commodities."

I'M GONNA TRY

I'm gonna try to play the game
 And play it hard and play it fair.
 I may not win, but just the same
 I'm gonna try to do my share.
 I may not always meet the test
 As well as some more clever guy.
 But while my heart beats in my chest,
 I'm gonna try.

I'm gonna try to stand the gaff,
 Yet keep my nerve; I'm gonna seek
 To love and work and play and laugh
 And never show a yellow streak.
 I'm gonna struggle to be kind
 And not grow hard of face and eye;
 I'll flop at times, but never mind,
 I'm gonna try.

I'm gonna try to be a friend
 That folks can trust, and who they know
 Will be the same way to the end,
 Whether the luck runs high or low.
 I'll hitch my wagon to a star
 And set my goal up in the sky,
 And though I may not get that far,
 I'm gonna try.

—From the Book-Craft Annalist.

Department stores of the United States annually distribute about 3,000,000,000 packages.

American motion picture exports increased about 25 per cent during the first nine months of 1929 over last year.

New Officers of the A. G. A.



Left: Mr. H. O. Caster of New York City, elected president of the A. G. A. at recent convention in Chicago.

Right: Mr. P. S. Young of Newark, N. J., elected vice-president of A. G. A.

Below: Mr. Wm. J. Welsh of New York, reelected treasurer of A. G. A.



Over 3,000 delegates attended the International Gas Conference and the 15th Annual Convention of the American Gas Association which opened at the Stevens Hotel, September 25th for five days session. Tuesday, September 26th, was observed at the Century of Progress as International Gas Day. President Arthur Hewitt introduced a group of foreign gas experts and engineers, who were formally welcomed by Mayor Kelly and Rufus C. Dawes, president of the Exposition.

Responses and addresses were made by F. P. Tarratt, president of the Institution of Gas Engineers, Newcastle-upon-Tyne, England; A. Baril, vice-president of the International Gas Union and former president of the French Technical Gas Association, Paris, and Fritz Escher, president of the International Gas Union, Zurich, Switzerland.

Throughout the sessions, there was an air and feeling of international good will.

New officers of the Association are:

President—H. O. Caster, Member Executive Committee, Henry L. Doherty & Co., New York, N. Y.

Vice-President—P. S. Young, Vice-President, Public Service Electric & Gas Co., Newark, N. J.

Treasurer—William J. Welsh, President, New York and Richmond Gas Co., Staten Island, N. Y.

Directors—Two-Year Terms:

H. C. Abell, New Orleans, La.; Walter C. Beckjord, Vice-President and General Manager, Boston Consolidated Gas Co., Boston, Mass.; Howard Bruce, Chairman of the Board, Bartlett Hayward Co., Baltimore, Md.; J. S. DeHart, Jr., President, Isbell-Porter Co., Newark, N. J.; F. C. Freeman, President, Providence Gas Co., Providence, R. I.; R. W. Gallagher, President, The East Ohio Gas Co., Cleveland, Ohio; C. N. Lauer,



President, Philadelphia Gas Works Co., Philadelphia, Pa.; B. J. Mullaney, Vice-President, People's Gas Light & Coke Co., Chicago, Ill.; Herman Russell, President, Rochester Gas & Electric Corp., Rochester, N. Y.

The St. Louis County Gas Co., Webster Grove, Mo., has changed the boilers at the Shrewsbury plant to burn natural gas for its gas operations. The company serves mixed, natural and manufactured gas to Webster Grove and other towns in St. Louis county.

Gas and Its Uses

In North Dakota natural gas may now be used in state institutions on a parity with native coal. A bill to that effect was recently passed by the state legislature. Since 1893, there had been a law interpreted to mean that coal must be used in all state buildings.

In northern Duval County, Texas, a 40,000,000 cubic foot natural gas well has just been brought in by Conway and Campbell.

The relentless march of science has disposed and deposed a once ancient and honorable calling, the chimney sweeps of London. Residents there are gradually changing from coal to gas heat. The chimney sweeps resent this because gas leaves nothing in the chimney to sweep. A deputation of these sooty work men called on authorities to enter a protest.

The return of beer benefits breweries. The modern brewery uses considerable gas in their manufacturing process. A typical brewery uses gas for the pitching machines, keg preheaters, vat dryers, torches and branding iron.

Another use for gas is drying prunes and is said to be superior to the natural process (Continued on Page 32)

IN THE RESTAURANT



Beginning of Thumbing

"Waiter, your thumb is in my soup."

"That's all right, sir. It's so used to the heat I hardly notice it."

Truthful

He: "Have you frogs' legs?"

Waitress: "No, sir. It's my rheumatism makes me walk this way."

Safety First

Waitress: "Pork roast or fried rabbit?"

Boarder (feeling under table with foot gets a reassuring "meow"): "Fried rabbit, please."

Right Back at Him

Minister: "How's the chicken today?"

Waitress: "Fine. How's the old boy."

High Hatter

Diner: "Bring me a cup of tea without milk."

Waiter: "Sorry, but we have no milk. Will it be all right without cream?"

You Know Those Seconds!

Customer: "Two three-minute eggs, please, waiter."

Waiter: "Have them for you in a second, sir."

Kind Heart

Diner: "The man who killed this chicken had a kind heart."

Waiter: "What makes you think that, sir?"

Diner: "Well, he must have hesitated five or six years before doing it."

Why Father Groaned

Dinner Guest: "Ah, the table is groaning

with good things to eat."

Willie: "That ain't the table that's groaning. It's dad. He's counting up what the dinner cost him."

Heave the Loaf

Badnuze: "Could you pass the bread?"

Funnyunk: "I guess so. I moved pianos all last year."

Reciprocating Favor

"Well, what can I do for you, Sam?" asked a banker as the colored waiter who usually served him at the restaurant entered his office.

Waiter: "I got a chance to change mah p'sition, boss. Kin yo' say a good word fo' me? Say I'se hones' an' sich?"

Banker: "I know, of course, that you're a good waiter, Sam, but how do I know you're honest?"

Sam: "Well, jes' say yo' think I'se hones'. Dat'll do."

Banker: "All right, Sam. I guess I can do that much for you."

Sam: "Thank yo', boss, thank yo' very much. When yo' come ovah tomorrow, be sure to sit at mah table. I'll give yo' a sho't check."

No Sympathy

Blonde Waitress: "I have stewed kidneys, boiled tongue, fried liver and pig's feet."

Impatient Diner: "Don't tell me your troubles, sister, gimme a chicken pie and go see your doctor."

Fair Warning

"Lay off that rice pudding," said the waiter to his most generous tipper. "There was a wedding next door yesterday."

Just Like Home

Diner: "Waiter, there is a hair in the soup."

Waiter: "Yes, sir; that's placed there on purpose. It's just one of those little touches that make this hotel appear homelike."

Popped Off

Guest: "Bring me another boiled egg, please."

Waitress: "Anything else?"

Guest: "Yes, you might bring me a coop. The last one flew away."

Apparatus to automatically purify a town's water supply by the chlorine process has been invented in Switzerland.

An exercising wheel for birds, to be attached to their cages, is now on the market.

Three hundred and forty million incandescent lamps were sold in the United States last year.

HENRY C. MORRIS DEAD

Prominent Southwestern Gas Man
Passes Away

Henry C. Morris, a leader in the natural gas industry and president of the Dallas Gas Company, died a few weeks ago shortly after his return from a trip to Salt Lake City, Utah. Mr. Morris was a native of Detroit, Michigan, was educated there and began his career in the meter repair department of the Detroit City Gas Company. After being identified with the Saginaw and Bay City Gas Companies in Michigan, he went to Dallas in 1909, where he built up the system from 98 miles of pipe line and 8,743 meters to 765 miles of pipe and 70,000 meters. The beautiful new eleven story Dallas Gas building was largely due to the efforts of Mr. Morris. This is the largest building in the Southwest, devoted exclusively to natural gas.

(Continued from Page 30)

of sun drying. Many of the bigger growers in California have adopted this method of preparing their fruit.

The steam boilers in the New Orleans electric generating station burn any of three fuels, gas, oil and pulverized coal. Natural gas is the fuel most generally used and depended upon.

R. B. Ferguson, president of the Southern Gas Association, has appointed committees to carry on the plans and work for 1933-34. The chairmen are: Commercial Section, W. A. Hudson; Technical Section, David P. Allen; Industrial Section, O. F. Reynolds.

The Prince George Gas Corporation has been incorporated at Baltimore by Stuart S. Janney, Norwood B. Orrick, and Joseph France, all of Baltimore.

The Alabama Utilities Service Company of Montgomery, Alabama, has found a way to tear housewives loose from their old and obsolete gas stoves. The company sponsors an annual "Old Stove Round Up," allowing a trade-in allowance of \$13.15, no matter how ancient or dilapidated the old stove may be. The company also takes the old stove away and installs the new one.

The Central Michigan Natural Gas Co. will pipe gas from the Mt. Pleasant field to Lansing, Michigan, at a cost of \$85,000.

Leo A. Wilson of Sarnia, Ontario, and associates, will pipe natural gas from Lamber-ton fields to Kitchener, Ontario.

COBBLE MOUNTAIN WATER
SUPPLYEditor Gives Interesting Account of Visit to
His Old Home Town

The great water development at Springfield, Massachusetts, was visited during the past few months by Mr. Warren F. Hardy, editorial writer of the Decatur Daily Herald. Mr. Hardy was a former resident of Springfield, Massachusetts, and of course, had more than passing interest in this great improvement. In the columns of the Herald he tells of his visit as follows:

"If there was one thing in Massachusetts that I wished to see above all others, it was the Cobble mountain water development which assures Springfield an adequate supply for years to come.

Thirty Miles in Rain

"My Springfield friend and I drove for 30 miles up the hills in a blinding rain to find the new reservoir of which I had heard so much. The engineers filled up one end of a great gorge with rocks and earth and thus created a lake and made scenes of almost Alpine grandeur and wildness. We followed a road which was little more than a trail until we came to the sedimentation basin and sand filters under acres of smooth cropped lawns. It seems only natural to look up the chemist in charge, ask for a plat of the development, and get some idea of the hydraulics involved. When we were through, my Springfield friend told me that there was not one person in a hundred that had ever been up to see the mountain lake. It was enough that they could turn a faucet and get cold clear water.

The Idea Once Rejected

"I recall that many years ago there was in Springfield one Moses Holcombe. He had never ceased to preach the necessity of Springfield securing water from the Berkshires, and he worried us newspapermen with interviews and letters about the 'gushing springs of Blandford.' Mr. Holcombe was accepted as a crank, and when the city had to have a new water supply, and he appeared before the state commission to present the claim of his 'gushing springs,' a smart young engineer loftily dismissed his proposal as impracticable. Mr. Holcombe passed on, but today these same springs which he never ceased to talk about, supply Springfield with an abundance of water. Sometimes it pays to give attention to cranks."

An automobile thief alarm, invented by an Australian, sounds a bell and switches on an electric sign, "stolen," when an unauthorized person attempts to drive the car away.

In the fourteenth century it was not considered respectable to speak English owing to the superior social prestige of Norman-French.

ANNOUNCEMENT



Our company has just completed the construction of a modern Pacific Coast factory to serve the Pacific Coast, intermountain territory, and the export trade in Mexico and the Orient.

The plant is located at 2801 East 12th street, Los Angeles, California, and is equipped to manufacture the complete line of Mueller products for the water, gas and plumbing trades.

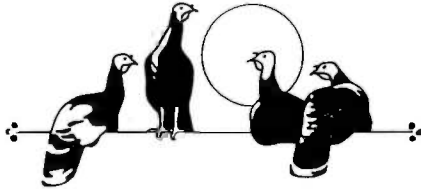
We will retain our San Francisco stock and organization for the convenience and service of the trade in the Bay District and vicinity.

All accounts and general inquiries will be handled through our general offices at the factory in Los Angeles after the 10th day of November, 1933.

MUELLER CO.

Adolph Mueller, President.

Decatur, Ill., Nov. 6, 1933.



Thanksgiving Joys

*Cart-loads of pumpkins as yellow as gold,
Onions in silvery strings,
Shining red apples and clusters of grapes,
Nuts and a host of good things,
Chickens and turkeys and fat little pigs,—
These are what Thanksgiving brings.*

*Work is forgotten and play-time begins;
From office and school-room and hall,
Fathers and mothers and uncles and aunts,
Nieces and nephews and all
Speed away home, as they hear from afar
The voice of the Thanksgiving call.*

*Now is the time to forget all your cares,
Cast every trouble away;
Think of your blessings, remember your joys,
Don't be afraid to be gay!
None are too old and none are too young
To frolic on Thanksgiving Day.*