

# MUELLER RECORD

PUBLISHED AT DECATUR, ILLINOIS



JANUARY 1935

Underwood & Underwood.

**OUTSIDE  
OR INSIDE**

*Its*  
**A REAL  
RELIEF  
VALVE**



Patent Pending

**BUT IT'S THE  
INSIDE  
THAT TELLS THE STORY**

Men who know the mechanical requirements necessary to produce safe and satisfactory relief of pressure quickly recognize the superiority in design and construction of the new Mueller H-9047. They have pronounced it an outstanding achievement in relief valve construction excelling all relief valves in dependable operation.

The H-9047 embodies stops for carrying the heavy spring load with an ingenious auxiliary spring mechanism for seating the valve.

These features give an unusual and extraordinary degree of sensitiveness heretofore not possible in any other relief valve.

In protracted and exacting tests the H-9047 responded with unfailingly exactness, relieving a good volume at a 5% increase and closing with a corresponding drop in pressure.

You will be interested in the surprising advantages of this new valve. Ask us for a complete description.



Patent Pending

*Accepted by the American Society of  
Mechanical Engineers*

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DECATUR, ILL.**



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# MUELLER RECORD

PUBLISHED AT DECATUR, ILLINOIS  
 BY MUELLER CO.

Plumbing, Water and Gas Brass Goods  
 77th Year in Business

**MAIN FACTORY AND  
 OFFICE**  
 Decatur, Illinois  
**PACIFIC COAST  
 FACTORY**  
 Los Angeles, Calif.  
**COLUMBIAN IRON  
 WORKS**  
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 Division)  
 Chattanooga, Tenn.  
**CANADIAN FACTORY  
 MUELLER, LTD.**  
 Sarnia, Ontario  
**BRANCHES**  
 New York, San Francisco

Vol. XXIV

JANUARY, 1935

No. 250

## GREETING THE NEW YEAR

What we want you to do, 1935, is this:

Give depression the boots.

Clean up the gangsters.

Find work for unemployed.

Put hope instead of fear in American hearts.

Stop the imposition of taxes at every whip  
 stitch.

Show public officials a way to handle public  
 money with something of the same caution  
 they handle their private funds.

Make business so great that all engaged in  
 it will worry to take care of it instead of  
 worrying because it is so small.

Give to every deserving citizen an opportu-  
 nity to own his own home.

Cut out "some" of the risque parts of the  
 movies.

Give the movie boys and girls at Hollywood  
 truthful press agents. We realize this is ask-  
 ing a near miracle, but we should like to meet  
 up with a miracle in 1935.

Put common sense, courtesy, and caution  
 into the heads of drivers of automobiles.

## THINK IT OUT YOURSELF

In his essay on "Jargon," Sir Arthur Quiller-  
 Couch says:

"So long as you prefer abstract words which  
 express other men's summarized concepts of  
 things, to concrete ones which lie as near as  
 can be reached to things themselves and are  
 the first hand material for your thoughts, you  
 will remain at the best, writers at second hand.  
 If your language be jargon, your intellect, if  
 not your whole character, will almost certainly  
 correspond. Where your mind will go straight,  
 it will dodge; the difficulties it should approach  
 with a fair front and grip with a firm hand it

## A Factory

"A great factory," says Thomas  
 Nelson Page, "with the machinery all  
 working and revolving with absolute  
 and rhythmic regularity and with  
 the men all driven by one impulse and  
 moving in unison, as though a consti-  
 tuent part of a mighty machine, is  
 one of the most inspiring examples  
 of directed force that the world  
 shows. I have rarely seen the face of  
 a mechanic in the act of creation  
 which was not fine, never one which  
 was not earnest and impressive."

will be seeking to evade or circumvent. For  
 the style is the man, and where a man's treas-  
 ure is there is his heart, and his brain, and  
 his writing, will be also."

## In Line

The one who is too little for his job is not  
 likely to get anywhere but out; if he is equal  
 to it but does just enough to get by, he is likely  
 to stick where he is for a long time; but if by  
 his devotion and constant self-improvement he  
 makes himself bigger than his job, he is in line  
 for promotion.

## Mixed

"Breddern," said the colored bishop introduc-  
 ing an English Churchman, "It is not often  
 I arise to present a white speaker in this  
 church. But you can be sure he has a power-  
 ful message for you. An' while his skin may  
 be white, his heart is as black as any of us!"  
 — *Tit-Bits*.

# THE MUELLER RECORD

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

C. N. WAGENSELLER, EDITOR

## READ AND PONDER

### You Can Do A Lot of Things And Have Lots of Fun on \$5

At the beginning of the new year read the following from the Kalends of Waverly Press and think it over seriously. If you but follow its philosophy, even in part, you will have done much better than just resolve in your mind how you are going to mend your ways in 1935.

"On \$5 a week, a man may keep out of the rain, eat, wear clothes, read, sleep, meet people, own a dog, smoke, fish, walk, go nutting, swim, philosophize, play the harmonica, tell stories, listen to them, climb hills, keep a diary, and be happy.

But no. He must go to college, go to the altar, go to the stork, and go and put the Joneses where they belong.

A finished achievement of this sort will stand him from thirty to a hundred times \$5 a week.

But Ambition steps in and eggs him on to try.

Then one day he tumbles to the idea that Misery is often the exact measure of the obligations he has taken on."

### Editor's Question Box

"How can I prevent bleeding at the nose?"—Ajax.  
Answer: "Keep it out of other people's business."

"How can I tell mushrooms from toad stools."  
Dumb Dora.  
Answer: "Eat some upon retiring. If you wake up the next morning they're mushrooms."

"Does the law give a husband the right to open his wife's letters?"—Timid Tom.  
Answer: "Yes, if you are ready to have her collect your life insurance."

"I'm a lady and I've signed up with a side show as an Albino. Can you give me any suggestion on correct side show etiquette?"  
Answer: "Yes. Never undress before the bearded lady."

"I don't like the looks of mackerel and yet I love fish. Can you suggest something?"  
Answer: "Yes, madam. If it's looks you want, try gold fish."

"I was born in 1900. How old does that make me?"  
Answer: "You forgot to sign your name. If you are a man, you are 34. If a woman, you don't need any advice. Just figure it out to suit yourself."

## Judgment

One cool judgment is worth a thousand hasty councils. The thing to do is to supply light and not heat. At any rate if it is heat, it ought to be white heat and not sputter, because sputter heat is apt to spread the fire. There ought, if there is any heat at all, to be that warmth of the heart which makes every man thrust aside his own personal feeling, his own personal interest, and take thought of the welfare and benefit of others.

—Woodrow Wilson.

## HEATING AND PLUMBING

### Hold High Rank in the House Modernization Movement

Heating and plumbing, says the "American Architect," rank high in the loans made for modernizing homes. The following percentage table shows heating first and plumbing third:

Purpose	No. of Jobs	Percentage
Heating .....	265	14.53
Inside Painting and Redecorating .....	264	14.47
Plumbing .....	252	13.82
Exterior Repairs .....	177	9.70
Roofing .....	169	9.27
Outside Painting .....	168	9.21
Remodeling — General .....	155	8.50
Interior Repairs .....	102	5.59
Cementing .....	72	3.95
Lighting .....	64	3.51
Remodeling — Bathroom .....	56	3.07
Additional Rooms .....	44	2.41
Remodeling — Kitchen .....	36	1.97
	1,824	100.00

Remember that this modernization plan is not yet in full swing and will not be until spring. It is our belief that when it does the plumbing percentage in the country will more than be maintained. In fact, with the advent of spring, it should become the leaders. The wise plumber will make his plans to be ready to take every possible advantage of the revival of building, which is predicted by men in the building industry who are in a position to know whereof they speak.

## FELL LIKE LUCIFER

### Once Popular and Prominent Illinoian Yielded In Moment of Weakness

There died at the Government Hospital in Milan, Michigan, recently a man who had tasted the sweetness of honors showered upon him by his fellowmen and the bitterness and degradation of ostracism by society and life-long friends. He may have retained their sympathy, but the loss of their respect and confidence must, of necessity, have been worm-wood and gall to Andrew Russell. He was, for more than 30 years, one of the most popular men in Illinois, especially in the ranks of the Republican Party, of which he was a leader. His party delighted to honor him. He had high offices of great trust. As a banker in his home town, he had the confidence of his friends and neighbors, as the father before him had.

#### Lost His Balance

Naught could be said against his acts or character. Born of good parentage, well educated, skillfully trained from young manhood in the intricacies of banking, an open door to the best there was in social life, he lost his balance pole on the tight rope of life and fell to the dishonorable depths of embezzlement at the age of 77 years.

There is nothing to set down in extenuation of his acts and naught in malice. But despite his transgressions, those who knew him in his younger manhood and in middle life, and beyond that to the day he fell like Lucifer, never to hope again, pity him without condoning his wrongful acts. The pity is directed more to fallen and degraded mental attainment, than to the physical man himself.

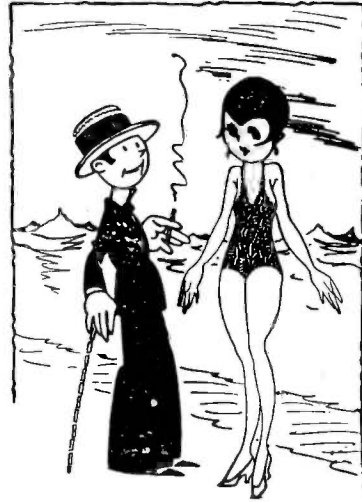
#### Summary of His Life

Here is a life to ponder on:

- Educated in high school.
- A college Course.
- At 18, bookkeeper in a National Bank.
- Next a teller in the bank.
- Then a member of the banking Firm.
- City Treasurer in his home town.
- Chairman of the Illinois Board of Pardons and Parole.
- State Treasurer for two years.
- Re-election to the same office after two years intermission.
- Next State Auditor for four years.
- Re-elected State Auditor.
- Again Chairman of Board of Pardons and Parole.

Every step in his life preached in sincere

## LANDED A SUCKER



She:—"Yes, I was sinking for the third time when he rescued me and brought me to land."  
He:—"And that's how you 'landed' him, eh?"

and earnest terms — uprightness, honor, fidelity, honesty.

#### The Scratch of a Pen

And yet, with one stroke of a pen, he destroyed the structure he had reared and brought it tumbling down upon his head. Of what infinite weakness of character is man at a crucial moment. His action seems to strengthen the oft expressed belief that every man has a weakness of character which overthrows his practiced judgment, honesty, and integrity, if the opportunity of a moment seems to present a way of overcoming obstacles, especially those of a financial kind.

#### Death Ends His Disgrace

The Government claimed that Mr. Russell had written checks for \$100,000 when he had only 97 cents to his credit.

Sentenced to 18 months, Russell had served three when death kindly and gently drew the dark curtain which shielded him from the scorn of his fellow men. In time maybe his misdeeds may be forgotten, along with the better part of him. Those who knew him best will cherish the memory of the good there was in him and forget the one act which tore down a high character which required a life-time in the building. How vividly the life of this man emphasizes the scriptural admonition that the

WAGES OF SIN IS DEATH.

# I'm Tellin' You



A summary of divorce laws in various states is given by statistical almanacs, but they are not nearly so interesting as a summary of divorce trials.

"I do not wish to influence any one with my writings," says Gertrude Stein. "If you can influence yourself, it is enough." We insist, however, that Steins have an insidious influence on any one who gets in frequent touch with them. Fill 'em up again, Gertie, for another round.

One of those philosophic columnists says: "Ability to keep one's mouth shut is a gift. It is doubtful if it can be acquired." But in either case, it doesn't work.

A truck driver at Greenwood, Nebraska, collided with the Burlington's stream line train Zephyr, and thereby made the front page. Just why, we cannot in our customary density figure out, because it is our observation that motor truck drivers collide with everything but stratosphere balloons.

In those "dry old days" automobilists entering Canada were accused of doing so because Canada was wet. But last year over 3,000,000 American motor cars crossed the international border when both countries were wet. What for? Maybe from force of habit, maybe they had not learned that the U. S. was wet, or maybe they all were from dry states. Our simple minded guess is that all motor cars in times dry or wet crossed the border to see the gorgeous sights of Canada, which once seen are never to be forgotten.

A visiting lecturer told a Decatur audience

that what we needed was exploitation of parts of the world yet undeveloped. Don't listen so good to us. We've got more world now than we can handle for the benefit of all concerned.

Statisticians are now dissecting the Century of Progress. One of them says every visitor spent \$1.00 on the grounds. Therefore, it cost fifty cents to get in and one dollar to get out, which does not include the boys who had to talk it over with the judge next morning.

We pick up from Alem-ite, a news item of interest to all autoists, which means practically every one. This item reads: "Skirts are getting longer and garters are back at their old job of holding up stockings instead of traffic."

We must accept this as authoritative as the editor of Alem-item is a young woman.

"Is salted peanuts a fruit or candy?" asks an exchange. Neither. They are a vile concoction if any one eating them stands too close to you.

Fritz Ulrich, dead for twenty-five years at Rockford, Illinois, was found listed on the tax rolls the other day. No rest for the weary.

At the last general election at Dixon, Illinois, Anna E. Ellis, 405 Madison Avenue, cast a republican ballot as she has always done since enfranchisement. We feel that this heroic act is worthy of immortalization, and so we herewith and hereby pick up our lyre with only one patched string and tune in ala mode on Casabianca to do our bit.

She stood upon the burning deck,  
Whence nearly all had fled,  
This gallant voter kept the faith  
And she likewise kept her head.

The votes rolled in — she would not go  
Without her party's word.  
That party, lost beneath the flood  
Had voice no longer heard.



## DEMAND IMPROVING

### And the Trend of Opinion In Plumbing Field Points to Growing Improvement

There was a decided improvement in the demand for plumbing goods during the autumn months, with a bright outlook for increasing demand with the coming of spring.

Undoubtedly the National Housing Act is a direct influence and will be a still more active influence with the coming of spring.

The necessary preliminaries to put this act in operation did not leave sufficient time for hundreds of thousands of home owners to avail themselves of money at low interest and long terms for building and rebuilding plans. Now the act is in workable shape and everywhere in the country home owners are making plans for improvements which have been badly needed for three or four years.

The volume of work is likely to prove overwhelming and plumbers expecting to reap a share of the work and profit, will exercise good business foresight by preparing in advance.

In remodelling homes, the kitchen and bath room receive first consideration. Regardless of the condition of the remainder of the house, if these two rooms are modernized with new fixtures and fittings, the home is considered modern, and its sale value is greatly enhanced. This accounts for the fact that 35 to 40 percent of the money made available by the National Housing Act is going into this class of equipment.

The Mueller Co. has concentrated on the design of new equipment in recent months and now is offering a complete Staple Line in the Artcraft style. This line will meet present price levels as well as consumers demand for an article of pleasing appearance and satisfactory year in and year out performance.

In addition, we have developed a complete line of Adapto showers. Coincident with this, drastic price reductions of 5 to 20 percent have put Mueller products below the average price level.

The present indications are for an upward movement of prices. This being true, we urge plumbers and jobbers to increase their stocks of plumbers' brass goods and take advantage of the present day low prices.

A smooth speech is honeyed poison.

A grain of wisdom will spread over more surface than a grain of gold.

Anger is as dangerous to dignity as arsenic is to life.

The earliest joke about Noah: "—"

### *Laughter Spreads*

There are none more abusive to others than they that lie most open to it themselves; but the humor goes 'round, and he that laughs at me to-day will have some one to laugh at him tomorrow.

—Seneca.

## ODD AND HIS BATH ROOM

### Noted Columnist Is Going to Have One Topping Best Roman Product

O. O. McIntyre, newspaper and magazine writer, is known through his column to thousands of readers. He came from the little Ohio town of Gallipolis, where he wooed and wed the lady of his choice. More recent years have been passed in New York where Odd dug up interesting features of the metropolis and dressed them up for curious native New Yorkers, thereby enabling them to acquire some idea of their own bailiwick.

Now Mr. and Mrs. McIntyre are arranging a home in the little town where they lived years ago. Odd says it's not a new home exactly. The foundation stones were laid over a hundred years ago. The old place is to be made over and fitted up in 1935 style. In his own way, Mr. McIntyre tells of his anticipations of the delights of the bath room in which he is going to spend a good part of his time. He keeps a memorandum pad on his night table, and awakening he jots down some new idea to increase the comfort and the beauty of that bath room. He says it will be a dream of a place if he has to mortgage the old home to make it so. The memory of his tin tub Saturday night baths have always seared his memory with horror.

But no more of that. Not for Odd. Those nifty old Romans will have nothing on him when it comes to a bath and bath room rich in grandeur, luxury, and comfort. We are for Odd. He has the reputation of being the best dressed man in New York. Now we see the beginning of a reputation of being the cleanest man in — well, the state of Ohio — anyway.

Fruit and vegetable cans are being made with glass tops. A process has been discovered whereby the metal of the can is soldered to the glass, making it air tight. The buyer can see what the contents of the can are, which is a good safeguard.

# DIONNE HOME AND HOSPITAL



*Opening ceremonies at the Dionne Hospital.*

Photo by courtesy of H. T. Gagnon.

The amazing interest which the world displayed in the Dionne quintuplets, born at 4 A. M. May 28th, 1934, near Corbell, Ontario, is justified by the fact that statistics kept for a period of five hundred years show that there are only 32 known cases of quintuplets. One of these groups lived one hour. One infant of another group lived fifty-five days. The Dionne group, therefore, have astonished the medical profession by living six months with a fair chance of reaching childhood and, perhaps, womanhood.

Certain natural conditions helped them. The season of the year, with its mild weather, was a contributing factor. Had they been born during the extreme cold of a Canadian winter, in a house ill-fitted for such a rare event, it is quite likely that the five little girls would not have survived.

## Government Wards

The proposal to exhibit these five bits of humanity at A Century of Progress, Chicago, would, perhaps, been fatal to some of the five. Sounder judgment prevailed to the extent of making the babies wards of the Provincial government.

From the beginning of their feeble and dubious existence, the little ones have been the objects of interested and loving cooperation; even to the extent of supplying mother's milk daily.

Dr. Dafoe, from a plain practical country



*H. T. Gagnon*

physician, becomes a world-wide figure in the medical profession, as the one man who successfully delivered a mother of quintuplets and then succeeded in keeping all five alive.

## The Plumber Shares Honors

There is another angle to this famous case — the plumber — H. T. Gagnon, of North Bay. The physician had the medical knowledge, the



experience, and skill to handle a most unusual and perplexing obstetrical case, but it remained for the plumber to provide the protection to health, which, as much, if not more than medical skill, insures the infants a better chance to live. The people in the Dionne neighborhood decided on the erection of a combined home and hospital for the babies and Mr. Gagnon's problem was scientific plumbing, heating, and drainage, a complicated and difficult task under the circumstances. This he has successfully accomplished and has surrounded the babies with heating and sanitary conditions of modern character.

This private hospital and home occupies a space 55 x 25 feet. It was completed and occupied in five weeks and one day.

There is hot and cold water, baths, lavatories, and sinks, wherever required, with hot and cold water flowing through copper pipes to each fixture. The water supply was secured from a shallow well. A deep well will be drilled. The electric pump has 360 gallons capacity with 120 gallon tank. There being no water works or drainage these had to be provided. The electric pump and well supplied the first. Drainage was another question. A cesspool to care for drainage from closet and sink was arranged. All other water is carried in tile to a creek two hundred feet from the well.

There are two separate water systems in the building. The domestic hot water uses pneumatic system with an expansion tank to prevent the heated water from backing up in the range boiler. Water is heated by a brass water front in the stove, a brass coil in the boiler and a brass coil coal oil heater. In the near future an electric heater will be installed as one of the most urgent and constant requirements is plenty of hot water at all times.

#### One and Two Pipe Heating System

While the heating system was laid out originally as a one-pipe closed circuit, later changes made it necessary to hook up three radiators at the rear of the building on a two-pipe system. The remaining ten radiators are on a one-pipe 2-inch circuit. The job calls for 90 degrees at any time in the babies' room, which is some requirement, considering the extremes of winter weather in that district.

And what about the man who designed and installed the complete heating, water supply and sewage disposal system — H. T. "Hec" Gagnon of North Bay? Well, like Dr. Dafoe, he does not stand to benefit materially from an exploit that well might have been much more widely hippodromed in some other districts. As he explains it simply himself, "I had no financial interest in the matter, but, be-

ing a personal friend of the father and mother of the Little Queens, I took a really keen concern from start to finish, and it is now my big hope that the little Quinties will live and enjoy life till they die of old age, God bless them."

Editorial Note: We acknowledge our indebtedness to Plumbing, Heating and Air Conditioning Age, Toronto, for information contained in this article.

### CAN YOU HELP US?

Some years ago, we sent to the plumbing trade a beautiful lithographed hanger. Pictured thereon was a plumber making an installation of Mueller goods, attended by his helper. The plumber was saying something like this:

"My son, I have always used Mueller goods and they have always proved satisfactory."

We cannot locate a copy of this hanger here, but are anxious to secure a copy. It is just possible some plumbers have this colored hanger still on their walls. Should you have one, Mr. Plumber, we would greatly appreciate it if you would mail it to this company, Decatur, Illinois, marked for the attention of C. N. Wagenseller. Postage will be refunded.

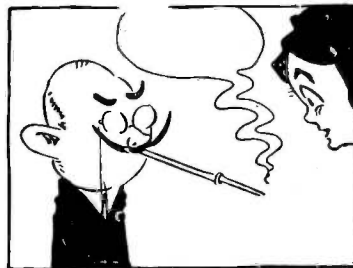
### MIGHT HAVE BEEN

Here is a little poem by Frank X. Piatt which we find in the Delaware & Hudson Bulletin. At the beginning of another year it seems especially appropriate for those who are gradually drifting into that class of "it might have been," the "saddest words of tongue or pen," as the Poet Whittier told us.

#### Bats Don't Need to See

The bat does not have to see to avoid a collision. Experiments have proved that even with tape across the eyes, the bat will fly about a room criss-crossed with wires and never touch one of them.

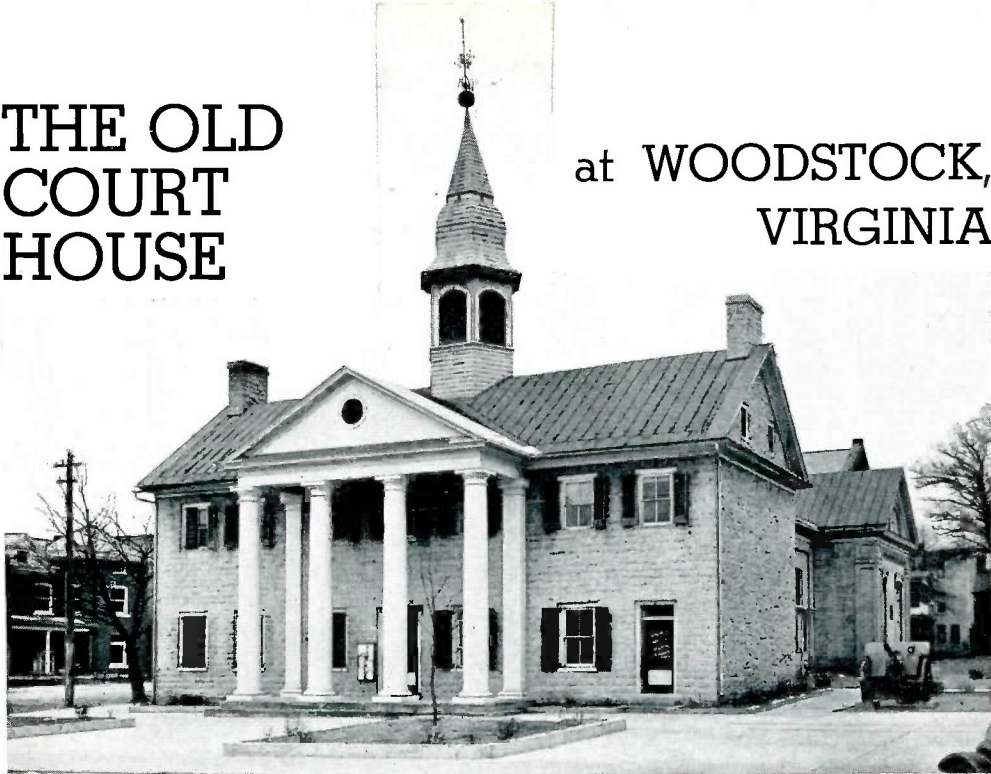
### THEY DIDN'T WORK



May:—"Going to the drug store, Dad?"  
 Dad:—"Yes. Why?"  
 May:—"Bring me some pills, will you?"  
 Dad:—"What's the matter with those that have been calling on you?"

# THE OLD COURT HOUSE

at WOODSTOCK,  
VIRGINIA



*The Woodstock Court House built in 1792 and still in use.*

Down in the Shenandoah Valley of Virginia is the little town of Woodstock where court is held in a court house erected in 1792 — one hundred and forty-three years ago. But that is not all. Woodstock is rich in scenic beauty, rich in historic interest, rich in her patriotism dating back to revolutionary war, and rich in the memory of strong and courageous pioneers. These were men of action and men of strong convictions. They played a prominent part in the early affairs of the United States. The records in the old court house and history furnish the supporting facts.

Some weeks ago Mr. Adolph Mueller received a letter from B. E. Clower, Town Clerk of Woodstock, who said:

"I have been a reader of the Mueller Record for some length of time and I thought perhaps you would be interested in knowing that your Mueller Record comes to the Town of Woodstock in the Shenandoah Valley of Virginia, which is the county seat of Shenandoah county, and that the town was established many, many years ago by Jacob Mueller.

"Our court house, built in 1792, is said to be the oldest court house west of the Blue Ridge Mountains. It is still in perfect condition. Within this building the name of Mueller is mentioned many times in court records, deeds, etc., and, no doubt, some of them your ancestors. Most of this section of the valley was settled by Germans.

"If you should desire to know more about the Muellers that established the town of

Woodstock, Va., I would be glad to forward you what the records show.

"I enjoy reading the Mueller Record very much."

The History of Woodstock (By B. E. Clower.)

In September 1749, four sons of a burger in Zweibrecken in Germany reached America. Two of whom settled near York, Pa., one in Maryland and the other, Jacob Mueller, in 1752, followed the old Indian Trail into the heart of the Shenandoah Valley of Virginia and located on the site of what is now Woodstock, county seat of Shenandoah, having received a grant of four hundred acres "near Passage Creek" from Lord Fairfax, then owner of the Northern Neck of Virginia.

At that time the site of the Town was in Frederick County. Shenandoah was carved out of Frederick County, and named in 1772 as "Dunmore County." The name was changed to Shenandoah several years later because of Lord Dunmore's record as a Tory when a colonial governor of Virginia.

In 1761 the House of Burgesses of Virginia, by an act, established Woodstock on the "Mueller," or Miller lands, and in the following year a lot sale was held and this sale was the real beginning of the Town, known afterwards for years as "Millerstadt" despite the fact that it was established as Woodstock.

Jacob Mueller died in 1776 and at his death his estate embraced over 2000 acres of land, extending southward from Woodstock. Two

years prior to that time his son-in-law, Abraham Brubaker, conveyed by deed of gift to the justices of the County Court two lots on Main Street for county purposes, upon one of which the present Court House was built from native limestone in 1795, and which is, incidentally the oldest Court house in use west of the Blue Ridge Mountains. On the other lot the jail house was afterwards built, later to be replaced by a modern jail house.

Not only in Shenandoah County, but in the Shenandoah Valley and many States there are many prominent descendants of Jacob Mueller, and the last of his sons, Christian Miller, a gallant soldier in the Revolutionary War died at his home, near Woodstock in 1836, at the age of 92.

Almost opposite the old Court House, stood the Church in which Peter Gabriel Muhlenburg preached the famous patriotic sermon which was followed in the Church Yard by the enlistment of the nucleus of the Eighth German Regiment, in Washington's army.

On the Court house grounds soldiers have been mustered for six of the Nation's wars, the Revolutionary, War of 1812, Mexican, War Between the States, Spanish American and World's War. In front of the building Col. Turner Ashby, Confederate Calvaryman, received his commission as Brigadier General from the hands of Stonewall Jackson, and within a block, in 1772 lived John Sevier, first Governor of Tennessee and Jonathan Clark, brother of George Rogers Clark, of the Lewis-Clark expedition to the Northwest.

Woodstock is now a town of 2000 people with an inexhaustible water supply brought from the nearby mountains, a sewerage system, fine schools, many churches and other advantages found in the most modern towns. It is on U. S. Route 11, the Lee-Jackson High-

way, an eighty foot boulevard bisecting the Valley, a highway a part of which was surveyed by George Washington and incidentally along the route of the same Indian Trail which Jacob Mueller followed one hundred and eighty-two years ago.

It is a matter of special interest that the first Clerk of the Shenandoah Courts was Thomas Marshall, father of Chief Justice John Marshall, perhaps the greatest of the Chief Justices of the United States Supreme Court.

(The above can be found on record in the office of the clerk of the Court of Shenandoah County, Virginia.)

Furnished by B. E. Clower, Woodstock, Shenandoah County, Virginia, October 24th, 1934.

Editor's Note:—In correspondence covering the above interesting and instructive article, Mr. Clower said: "I am forwarding you pictures of the court house at Woodstock, Va., and also some information about Jacob Mueller and the town of Woodstock. The records in the court house show that some years after Jacob Mueller came to Woodstock the name in some manner was changed to Jacob Miller."

This is possibly due the fact that the name Miller is the English equivalent for Mueller.

#### Tactless

Uncle John came to stay, and before he left he gave his nephew a pound note.

"Now, be careful with that money, Tommy," he said. "Remember the saying, 'A fool and his money are soon parted.'"

"Yes, uncle," replied Tommy, "but I want to thank you for parting with it, just the same." — *Tit-Bits*.

Talk much and you'll err much.

Success often makes a fool seem wise.

*An interior view of the old court house where circuit and county court sessions are held.*





## PROMINENT PLUMBER DEAD

Samuel F. Wilson, Newark, N. J.,  
Passes Away Suddenly

The recent death of Samuel F. Wilson, prominent in the affairs of his home town, Newark, N. J., and in the plumbing industry both locally and nationally, calls forth expressions of sympathy and regret from his host of friends. No one who ever knew this courteous, considerate gentleman failed to admire and appreciate his many fine qualities. His death was sudden and was due to heart disease, while he was attending a bowling game at Irvington, N. J. He was deeply interested in public industry and prominent in the civic and political affairs of Newark. He had been a member of the Newark Board of Education, the New Jersey State Assembly, the Newark Tax Board, and sheriff for five years. In local and state plumbing affairs he filled various offices and in 1922 was chosen vice-president of the National Association of Master Plumbers, becoming president in 1923. Mr. Wilson was one of the organizers of the Clinton Trust Company of Newark and served as director, vice president, and president of that institution. He was director of the Clinton Title and Trust Company, the Dime Savings Institution, and several loan associations of Newark. With all these activities and his private business to engage his attention, he gave unsparingly of his time to the interests of the plumbing industry. Samuel F. Wilson was a fine specimen of an American gentleman and business man.

## IMITATE THE TUG BOAT

Old time steam boat captains threw up their hands in amazement when they learned that the Peace, a modernized motor driven tug boat, was equipped with shower baths. The new boat plies the river from Pittsburgh to Memphis. Not only is it equipped with shower baths, but she has refrigeration, automatic stoves, and radio. Lot of style for a tug boat, but the crew of 20 men enjoy it even if old timers do turn up their noses.

Shower baths are much better than dipping a bucket of water from the muddy river for an ordinary bath or having the members of the crew turn the hose on each other for a shower.

If you have not got a shower in your home get a Mueller Adapto at once. Don't let a tug boat be more modern than you. Perhaps you don't know that a Mueller Adapto shower fits any old style tub.

If the world is round how can it ever come to an end?

## MAKE SAFETY RESOLUTION

Individual Care and Caution Necessary In Prevention of Accidents

Safety is a personal matter. A company may surround you with every known reliable safeguard. A national organization may collect hundreds of thousands of dollars for promotion of safety, and the education of workers for prevention of accidents. All the effort, all the money, all the safety devices and all the education mean nothing if you disregard this tremendous undertaking and continue in careless methods. That's the reason safety is a personal matter.

### You Are The Link

You are the link between the concerted action of earnest men trying to prevent accidents and the accident itself. When you permit yourself to become thoughtless and careless, you become the weak link in an otherwise powerful chain forged for your protection. It's the beginning of a new year.

### Make A Resolution

Why not make a resolve now and live up to it, to think and practice safety in the home, in the car, and in the factory. Remember that there is a hazard in every human action. Go about your daily actions, keeping alive the thought any slight negligence on your part may put you in the hospital, perhaps cripple you for life.

### Hazard Always Present

Remember that there is a hazard lurking in nearly every task, no matter how simple it may be. If you keep that single thought in mind you will look for the hazard and locate it — and not walk into it blindly. Use your head first and then your hands and body.

## MIGRATORY FOWL LANES

Duck hunters have been having their inning during the past few weeks. Migratory water fowls have had north and south air lanes for semi-annual flights north and south for all time. They are age old. At a recent meeting of the American Ornithological Union, Frederick C. Lincoln, of the U. S. Biological survey described these air lanes. These four are known as Atlantic, Mississippi, Central, and Pacific. The first and last named are between the sea coast and the nearest high mountain ranges. The Mississippi lane or flyway guides the wild fowl down the Mississippi and tributaries. The Central flyway spreads from the upper Missouri and western boundary of Arkansas into the region around great Salt Lake and south thenceward.

## THE SLOGAN CONTEST

Every year a cash prize is hung up for the best factory slogan for the year. It is some contest. This year fifty-two entries were made. The committee determining the winner has no knowledge of the identity of the person submitting the slogans. These slogans are written out. A selected number of individuals makes their selection of the best three and returns the list to the committee.



This year the winner was Russell Jolly of Mueller Co.'s Pacific Coast factory at Los Angeles. His slogan was:

"Ideas by each of us benefit the all of us."

## WISDOM OF THE AGES

The art of using moderate abilities to advantage wins praise and often acquires more reputation than real brilliancy. — La Rochefoucauld.

It is good discretion not to make too much of any man at first; because one cannot hold out that proportion.—Bacon.

That which we acquire with the most difficulty we retain the longest; as those who have earned a fortune are usually more careful of it than those who have inherited one.—Colton.

Action is eloquence, and the eyes of the ignorant are more learned than their ears.—Shakespeare.

It behooves the high for their own sake to do things worthy.—Ben Johnson.

The manner of saying or doing anything goes a great way in the value of the thing itself.—Seneca.

Adversity has the effect of eliciting talents, which in prosperous circumstances would have lain dormant.—Horace.

Nothing is less sincere than the way of asking and giving advice. The person asking seems to pay deference to the opinion of his friend, while thinking in reality of making his friend approve his opinion and be responsible for his conduct. The person giving the advice returns the confidence placed in him by eager and disinterested zeal, in doing which he is usually guided only by his own interest or reputation.—Herrick.

## ALMOST ALWAYS FAILS

### Chicago Candy Maker Tried to Beat Gas Co. Spends Holiday In Bridewell

Every now and then some one tries to defraud the gas company by using a by-pass of home construction, thereby getting the use of unmetered gas. They always get caught at it. The latest case is reported from Chicago. The Tribune of recent date says:

#### WOMAN STORE OWNER JAILED FOR GAS FRAUD

Convicted of defrauding the People's Gas Light and Coke company through use of a "jumper" on her gas meter, Mrs. Clara Bazar-nick, 37 years old, owner of a candy store at 1332 North Lincoln avenue, was fined \$100 by Municipal Judge Edward S. Scheffle in the Women's court yesterday. Unable to pay the fine, Mrs. Bazar-nick was ordered to serve it out in the Bridewell.

The fraud was revealed Oct. 30 in the investigation of a fire that followed an explosion in the store a month earlier. Battalion Chief James Cowhey, Lieut. Patrick Dawson, and Fireman Leo Kelly were burned severely in the blast. The explosion, it was learned, resulted from ignition of accumulated gas that had escaped from a rubber hose that by-passed gas around the meter.

"I just used your tooth powder. I hope you didn't mind."

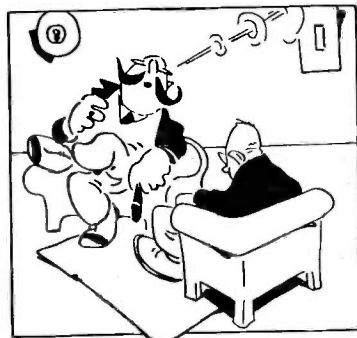
"But I haven't any tooth powder."

"Yes, you have. It was on the mantel."

"Migawd! Those were my mother-in-law's ashes."

—Western Reserve Red Cat.

## OFFICE SECRETS



Jr. Partner:—"We must dismiss that traveler. He has been telling the trade that I am a swell-headed ass!"

Sr. Partner:—"I'll speak to him and see that he quits telling office secrets."



Left to right: Robert Mueller, Bernard J. Marty, and Adolph Mueller. The Mueller brothers are congratulating "Barney" on completion of 41 years of service. At 20 years service he received the customary gift of \$500. At 35 years he was presented with \$1,000 and six months vacation with pay. Barney and wife made an extended tour of the west.

## THE HOLIDAY SPIRIT

### Was Rampant in the Mueller Organization with Parties, Rewards for Faithful Service and Treat for the Little Folks.

The holiday spirit broke early in the Mueller factory this year. The first event was the children's annual party on Saturday afternoon, December 15. The big gymnasium in the Club House was simply packed with children of employees. The gym with drawn curtains presented a real Christmas atmosphere with the two brilliantly illuminated Christmas trees on the stage. Christmas carols, a little play "Adopted by Santa Claus," and an hour and a half of moving pictures made up the afternoon program. Then came the annual treat of candy, oranges, etc. It was a happy day for the little folks, and the big ones, too.

#### Office Party

The annual office Christmas party Monday noon, December 17. A big illuminated Christmas tree stood in the corner of the office. At the base was a pile of boxes done up in regular Christmas fashion. There was a present for every office employe. Many of them were selected by the committee with the thought of indicating some hobby or habit of the recipient. There was a laugh in every box. Each person was required to open his or her box so that all could see the present. Adolph in his Santa Claus uniform distributed the gifts. At the conclusion of the program Messrs. Adolph and Robert Mueller were given a genuine surprise when presented with handsome fountain pens with the best wishes of the office bunch.

#### Presents and Service Awards

The big event of the holiday season came on Wednesday, December 19. The plant closed down at 3:30 p. m. and the entire organization assembled in the gymnasium. Illuminated

Christmas trees stood at each corner of the stage with the moving picture screen as a back ground. A silken flag fluttered in the breeze which was provided by an electric fan. It gave a touch of patriotism and evoked prolonged applause when Adolph Mueller, pointing to the national emblem said: "No man of foreign birth who does not think enough of that flag to become a naturalized citizen can work for the Mueller Co. We insist upon every foreign born citizen shall make application for citizenship and we see that he goes through with it to the end."

The exercises were opened by Robert Mueller, who spoke pleasantly of the friendly relations which have always existed between members of the Mueller Co. and employees. He spoke hopefully of a return of good business, and told of having recently attended a meeting of the Illinois Chamber of Commerce at Chicago and the spirit of optimism which pervaded the sessions. He referred to speeches made by President Stone of General Motors and other big business men. The trend of their speeches was full of hope with predictions that the new year would see fulfillment of the hopeful spirit they manifested.

#### Pleasant Relations

Adolph Mueller spoke along similar lines regarding the happy relations of the company and employees. He told the assemblage of the training he and Robert had had in the factory, and expressed his appreciation of his father's policy in rearing his sons to be industrious. He referred to the fact that the Mueller Co.





The Old Guard given bejeweled service buttons: U. S. Friend, 35 years, John Kush, 35 years, B. J. Marty, 40 years, Louis Fagan, 35 years, and H. C. Cameron, 35 years.

was in operation fifty years before the company ever declared a dividend, and referred to men who had been in the company's service for 35 and 40 years. Expressing his best wishes for a Merry Christmas and a Happy and Prosperous New Year for all employees, he began the task of handing out the checks for service awards, service buttons, and suggestion prizes. At the conclusion of this the employes filed out of the gymnasium to the garage where they received baskets containing a large size ham and a large slab of bacon.

Those who did not elect to take this present were allowed magazine subscriptions to the value of \$2.50.

It was a Merry Christmas indeed for Mueller employes and the company as well.

1934 — 5 Years Continuous Service

Mrs. Elsie Hart .....	\$ 6.67	Andrew Welton .....	\$ 6.67
Opal Jackson .....	10.00	V. T. Williams .....	6.67
Grace Rhodes .....	6.67	Imgard Moldenhaur .....	6.67
Kenneth Morrow .....	6.67	Ernest Krumsick .....	6.67
Elmer Miller .....	10.00	J. E. Woodrum .....	6.67
Gladys Wilson .....	6.67	Pete Aleckner .....	6.67
Fred Tratzik .....	6.67	Wm. Hise .....	6.67
Loie Conde .....	10.00	Wayne McCoy .....	6.67
Garnet Cochran .....	6.67	Gerald Preshaw .....	6.67
John C. Willis .....	6.67	Ed Wynn .....	6.67
Jesse C. Dailey .....	10.00	D. R. Gannan .....	6.67
Wm. B. Jones .....	10.00	Helen Pope .....	6.67
Clarence Woodrum .....	10.00	Glen Misenhimer .....	6.67

1934 — 10 Years Continuous Service

E. F. Dickey .....	\$13.33	Gus F. Edwards .....	13.33
Enola Smith .....	6.67	Walter Dunn .....	13.33
Orval German .....	13.33	Wm. A. Hayes .....	13.33
L. L. Bethards .....	6.67	Enos E. Musgraves .....	6.67
Walter Coventry .....	26.67	Ralph Myers .....	13.33

H. R. Harshbarger .....	6.67
Roy M. Workman .....	13.33
Harold Snyder .....	6.67
Roy B. Pease .....	6.67
Paul H. Jeschawitz .....	13.33
Thomas Ralston .....	13.33
Marie Overfield .....	13.33
Jenney Kinney .....	13.33
H. M. Williams .....	13.33
Guy E. Jones .....	13.33
J. W. Workman .....	13.33
Wm. D. Hayes .....	13.33
Leslie Hopper .....	13.33
John H. Chalcroft .....	13.33
Hugh Henley .....	13.33
Henry Tertocha .....	6.67
Clyde Hester .....	13.33

Leonard Woods .....	13.33
Ernest Watkins .....	13.33
Myrtle Carter .....	13.33
Jack Bain .....	13.33
E. H. Potts .....	13.33
August Morenz .....	13.33
E. L. Rankin .....	6.67
Wm. Morrissey .....	13.33
E. H. Umphreys .....	6.67
Wm. A. Brunner .....	6.67
Antony Grossman .....	6.67
Herman Salefski .....	6.67
J. A. Hargis .....	6.67
Herman Chepan .....	13.33
R. H. Power .....	13.33
Wm. S. Anderson .....	13.33

15 Years Continuous Service

Helen Brannan .....	\$13.33	Ralph Adams .....	13.33
Chas. F. Dunaway .....	26.67	Glen Hester .....	13.33
Glen L. Reinhart .....	13.33	Earl Gustin .....	13.33
W. H. Binstead .....	13.33	Flossie Poe .....	13.33
A. G. Ridgeway .....	13.33	F. W. Dannewitz .....	13.33
Richard Dannewitz .....	13.33	L.A.—Roy Thomas .....	13.33
Ira L. Auer .....	13.33	N.Y.—L. J. Evans .....	26.67
Charles Taylor .....	26.67	Salesman—J. L. Logsden .....	26.67
Wm. Thomas .....	13.33	Salesman—W. F. Aaron .....	13.33
W. E. Behrens .....	26.67	L.A.—Roy Baker (Clerk) .....	13.33
Basil A. Mason .....	13.33	G. Blankenburg .....	13.33
Margaret Behrend .....	13.33		
Alva Morrison .....	26.67		
Roy Wood .....	26.67		

20 Years Continuous Service

Anthony Yonker .....	\$26.67	Charles Adams .....	53.33
Albert Golembeck .....	53.33	E. F. Harris .....	53.33
Herman Ammann .....	53.33	Jerome Edwards .....	53.33
Mike Fleckenstein .....	53.33		

Service Emblems Only

Five Years — Dorothy Stratman, Edward Foley, Ben Taylor, Raymond Bulla, Hubert Maddox, James Wilkinson, Paul Tate, Roy Hunt, Melvin Wisnasky, Agnes Hendrian, N. Y. George Knipe.

The Children's Party in Mueller Club House





*Thirty years service, bejeweled service buttons: Burt Jackson, J. M. Wilkins, Mable Working, W. L. Jett (salesman), August Bork, G. Blankenburg, Frank Tosh, and H. A. Wacaser.*

**Ten Years** — Gladys Lloyd, Hoyt E. Mounts, Wm. Hise, Carl R. Morton, W. H. Bradford.

**Fifteen Years** — Margaret Marcott, C. F. Morenz, Brugh Werner, Paul H. Jeschawitz, Louis R. Wyant.

**Twenty Years** — Chas. F. Dunaway, Albert Lindamood, Paul Gaddis, Roy J. Baker.

**Twenty-Five Years** — Wm. Ferry, Henry E. Gilbert, Charles Reab, T. E. Knowles, Albert Golembeck.

**Thirty Years** — Mabel Working, Burt Jackson, August C. Bork, H. C. Camron, Frank Tosh, W. L. Jett, H. A. Wacaser, J. M. Wilkins, G. Blankenburg.

**Thirty-five Years** — (There is no emblem for 35 years but these men have finished 35 years of service.)

Lewis Fagan, John Kush, U. S. Friend, H. C. Camron.

**Forty Years** — B. J. Marty.

### Past Recognition

Two deaf old folks met at a reunion and were talking about their childhood. Said the old lady to the old man: "Do you remember how we used to play together when we were young, and how I used to spank you when you didn't behave?"

"Heh? Oh, yes, you would hardly recognize the old place, would you?—*Carnegie Puppet.*

"Daughter, is that young man down there yet?"

"Damn right, I am. What's it to you?"  
—*Punch Bowl.*

### WEDDINGS

#### Sherman-Simpson

Miss Esther Sherman, daughter of Mr. and Mrs. Levi Sherman, and James W. Simpson, Jr., son of Mr. and Mrs. J. W. Simpson, were married at 5 o'clock on Saturday afternoon, December 22, by Rev. Carl I. Empson, pastor of the English Luthern church. About thirty relatives and friends witnessed the very pretty candle light service which was performed in front of the fireplace in the Simpson home, 1017 W. Prairie. Decorations consisted of white roses and smilax, white pottery, and white candelabra, while outside the house stood two Christmas trees trimmed with blue lights.

Following the ceremony a three course dinner was served with Miss Myrtle Whitehead, Miss Anna Kelly, and Mrs. Louise Anderson assisting.

The bride wore blue transparent velvet with silver accessories and white gardenias.

Mr. and Mrs. Robert T. Whitehead and daughter, Roberta Jean, of Minneapolis were out of town guests.

After a two weeks wedding trip to Bradentown, Florida, Mr. and Mrs. Simpson returned to Decatur on January 5 and will live at 1651 E. Main Street.

A gossip is one who talks to you about others, a bore is one who talks to you about himself, a brilliant conversationalist is one who talks to you about you.



*Twenty-five years service, bejeweled service button: Albert Golembeck, Grover Meador, Wm. Ferry, T. E. Knowles, Henry Gilbert, and Chas Reab.*





*Twenty years service, cash award and bejeweled service buttons: Albert Lindamood, Paul Geddes, A. O. Yonker, Herman Amman, Ed. Harris, C. F. Dunaway, Jerome Edwards, Charles F. Adams, Michael Fleckenstein, and Albert Spitzer.*

## THE WHITE ELEPHANT

### Sky Ride At Century of Progress Offers A Problem In Disposal

One of the outstanding features of A Century of Progress was the sky-ride. It made money but now it is a white elephant on the hands of the Fair promoters.

The sky-ride iron work was fabricated by a combination of several companies, including the Mississippi Valley Steel Company of Decatur. Last year the sky-ride earned more than a million dollars gross, which more than paid for its construction and operation. During the 1934 fair, the earnings were all clear profit.

#### What To Do

What is to become of the sky-ride is a question. Various suggestions have been made, including its operation by Chicago South Park Board, and another idea advanced was to use the towers as mooring masts for dirigible balloons. This, however, is considered dangerous because the towers were not designed for this service and it is said they will not withstand the stress involved by a tugging, bobbing dirigible.

The companies that fabricated the metal and installed it reserved the right to either claim the metal or reject it when the fair ended. Now they have elected to reject the material. To dismantle the towers will cost someone \$15,000 more than the scrap metal would sell for.

#### An Awful Predicament

First Gossip: "Why did they separate?"

Second Gossip: "Nobody knows."

First Gossip: "Oh, how terrible!"

## WILL COME TO FRONT

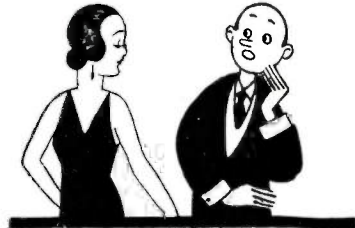
### Two Instances of Futility of Trying To Keep "Good Men" Down

Twelve years ago Dan Boggs entered the Ohio Penitentiary to serve a life sentence for the murder of a deputy sheriff. During the last eight years he has built up a mail advertising agency that has helped buy a home for his mother and finance the schooling of his three sisters. He told the Columbus Advertising Club about it recently.

This is somewhat similar to a case in Macon county. A local young man, for some infraction of federal laws, was put in jail. He had been doing business by mail. One of his leaders was an "electric" comb, a cheap article made of aluminum stamped "Electric Comb". This young man continued his business from his cell. Officials marveled at the prisoner's heavy mail. He was finally released, and proudly displayed enough money orders to choke a cow.

Each instance proves that it takes more than a jail cell to curb an active brain and mind.

## UP-TO-DATE



Romiet:—"So we shall elope at midnight."

Julio:—"Yes, darling."

Romiet:—"And you will have your suit case all ready when I sneak up to the door?"

Julio:—"Sure. Mother has it all packed and put it just inside the door."





New York officials see big truck breaking down Columbian hydrant under pressure.

Never before could you plan with certainty of saving money on the upkeep of fire hydrants. Officials of water departments, fire departments, know all too well by costly experience that a wrecked fire hydrant as a rule means complete replacement. Since the advent of the automobile this item of municipal expense has advanced by leaps and bounds.

Now for the first time the way out is provided by the Columbian Fire Hydrant. When this hydrant is struck by an automobile it breaks at a predetermined point, and can be replaced in from 10 to 30 minutes time with two inexpensive parts — the safety flange at the ground line surface and a coupling in the operating rod. The total expense should not exceed \$5 in place of \$75, the average cost of replacing an old style hydrant.

It is for these reasons that water commissioners, fire chiefs, mayors, city engineers and water superintendents acclaim the Columbian Fire Hydrant as the one giving the assurance that the Columbian and high cost of upkeep are strangers and not on speaking terms.

#### RESULTS THE SAME

Everywhere the Columbian Hydrant has been demonstrated under actual service conditions the result has been the same and the satisfaction of officials has been openly and freely expressed.

One of the most recent demonstrations was at Sunnyside, L. I., N. Y., Borough of Queens. Prominent officials from Queens, Brooklyn, Manhattan, were in attendance. They are men of critical and exacting judgment on any mechanism affecting water supply, fire protection and municipal expense, upkeep, service, etc. They are all very deeply interested in what they saw and learned.

#### AN ENGINEER'S IMPRESSIONS

John T. Metcalf, Borough Engineer of County of Queens, in a report of his impressions to Deputy Water Commissioner Michael R. Iorio, said among other things:

"The hydrant presented many new and novel features, among which as points of interest to the Department of water supply in the City of New York, were:

"1. A flexible joint at the line of the street surface which was provided with a safety flange, which if the hydrant were bumped by a motor vehicle, would



Deputy Water Com. Michael R. Iorio

**Who Hit It.**  
**ASK THE AUTO D**  
**Who Pays For**  
**ASK THE WATER D**

**Had it Been a CO**  
**There Would Be N**  
**And a Very Sm**  
**The Illustration**

separate at this point without serious damage to the hydrant itself.

"2. A drip arrangement provided to prevent freezing of the hydrant which is an incorporated part of the main valve installation requiring no drip rod or other added equipment for its operation.

"In order that the Department might make a study of this hydrant, the Mueller Co. provided a sample hydrant which was installed at Queens Boulevard and 58th Street, and on October 19, 1934, in the presence of a large delegation, the hydrant was deliberately struck by one of the Department of Water Supply trucks, causing it to fail in the safety flange, thus demonstrating the facility of this feature.

#### WHAT WE CLAIM FOR IT

"It is claimed for this new style of hydrant that at no time would it be necessary to excavate or remove for any repairs or modification. With a hydrant such as this, it never becomes necessary to excavate below the ground line for any reason whatsoever, whether or not the hydrant is broken by being struck by an automobile or if it becomes necessary to face the nozzle in any direction, such can be arranged at the ground line. If the grade should change, which necessitates the raising of hydrant, such work can also be done above the ground line by inserting extensions of the barrel hydrant, likewise the stem of the hydrant above the ground line, and that the cost to the City would be greatly reduced by adopting this particular feature.

"In the demonstration after the hydrant was broken, it was reassembled by replacing the new safety flange and placed in operation by the usual maintenance force in a period of less than thirty minutes from the time that the hydrant was broken, which would represent a cost less than \$5 as compared with a cost of between \$75 and \$100 for a similar repair for the standard now in use. Both before and after the hydrant had been struck, the drip arrangement worked perfectly without adjustment and while it would take a considerable period of time to determine the advantages of this particular feature, the feature is one that is particularly attractive to the Engineers of the department.

#### HEAVY LOSS IN FIRE HYDRANTS

"In the course of each year, the Department in the Borough of Queens sustains the loss of more than two hundred fire hydrants due to their being struck and broken by motor vehicles and in the city generally this loss exceeds one thousand fire hydrants; so that should the new equipment prove effective, it would be a desirable improvement to the fire hydrants in use."

On the estimated figures above, the Borough of Queens, on loss of 200 hydrants would be put to an expense of \$15,000 for replacement. The cost of repairs to the same number of Columbian hydrants would be \$1,000.

The demonstration at Memphis.







# COLUMBIAN Hydrant No Loss of Water— Small Repair Bill— as Tell You Why.

In New York generally, 1,000 broken fire hydrants annually would cost at an average of \$75 each for replacements the grand total of \$75,000, while an equal number of Columbian hydrants at \$5 each for repairs would cost \$5,000.

The Long Island Press was interested in this demonstration to the extent of an illustration and editorial comment as follows:

## EDUCATED HYDRANT TURNS ITSELF OFF IF KNOCKED OVER

"Deputy Water Commissioner Michael R. Iorio of Queens, presented his 'New Deal' hydrant Saturday afternoon, and this picture gives you an idea of what it's all about. The heavy truck in the background, under ordinary circumstances a nemesis to fire plugs, has just decapitated the hydrant, but there is no stream of water spurting skyward. A special flexible joint in the pipe allows the hydrant to be broken off without allowing the water to escape. Is this progress or isn't it?"

In the news columns of the Press, we find the following article under the heading:

### NEW HYDRANT CAN TAKE IT

"Anybody that knocked down a fire hydrant in the old days got what was coming to him and he got it fast.

"But life is simpler now, or will be when the Department of Water Supply gets through installing its new-model drip-proof, non-squirtable fire hydrants.

"Knock one down and what happens?"

"It folds up and lies down on the ground like a tired dog. It doesn't break, it doesn't squirt a drop of precious water. It just separates its top from its bottom at a flexible joint at the line of the street surface, and bows to the inevitable, as a safety valve does its stuff.

"A city truck tried knocking one down yesterday before an admiring audience of officials of the Water Department, the Jamaica Water Supply Company, the Citizens Water Supply Company, the Broad Channel Company, and the Urban Water Supply Company. It did it, too, and nobody got wet.

"The weather was too warm to test the drip arrangement which is intended to prevent freezing and bursting, but the afternoon ended happily with the new hydrant standing up again right where it was in the beginning.

"It had been reassembled in less than half an hour to the delight of Commissioner Michael R. Iorio, Borough Engineer John T. Metcalf, and the rest of the audience.

"The fire hydrant has been adapted to the fast pace of modern life."

You will note the editor referred to the hydrant as "New Deal" instead of Columbian.

### A DISTINGUISHED COMPANY

Officials and Engineers of the Department of Water Supply, Gas and Electricity, City of



*New York officials examining Columbian hydrant after repairs.*

New York, formed an interested group at the demonstration. These included the following: Deputy Commissioner Michael R. Iorio, Queens; Deputy Commissioner John P. Eastmond, Brooklyn; Acting Deputy Chief Engineer William Hauck; Borough Engineer Patrick Quilty, Manhattan; Borough Engineer Joseph A. Vertefeulle, Brooklyn; Borough Engineer John T. Metcalf, Queens; Assistant Borough Engineer Bernard J. Bleistein, Brooklyn; Assistant Engineer Richard Ankeuer, Queens; Designing Engineer Tobias Hochlerner, Manhattan; Assistant Engineer William F. Lease, Queens; Secretary to Deputy Commissioner, Edward J. Stewart, Queens; Confidential Inspector, Wm. Gallagher, Manhattan; Superintendent of Distribution, Cornelius J. Burns, Queens.

### IN OTHER CITIES

Similar demonstrations have been held in other cities, namely, Pasadena, California, Memphis, Decatur, and others will be held. To describe each one, however, would in the main be reiterating the story of the one held in New York. The Columbian hydrant has never failed to break at the point intended — it has never released water by reason of the valve being opened. The time necessary for replacing the hydrant ready for service varies.

At the demonstration before the Old National Trail Firemen's Association in Decatur last summer, a Columbian hydrant was knocked over and was back in position and ready for service in ten minutes time, which cause one fire chief to call out to the crowd:

"That's a darn sight better than ten hours!"

In the New York test it took two maintenance men thirty minutes to reset the hydrant from the time it was broken, which was most excellent time considering the fact that they were unaccustomed to the Columbian hydrant and its mechanism. In fact, we feel this was a great tribute to the hydrant and the claims we make for it.

Here briefly are some of the outstanding features of the Improved Columbian Fire Hydrant:

A one piece operating nut prevents unauthorized removal.

The self-oiling top minimizes the effects of corrosion and assures uniform performance under all conditions.

The bronze weather cap prevents water reaching the bearing surface between the operating nut and the hold down nut.

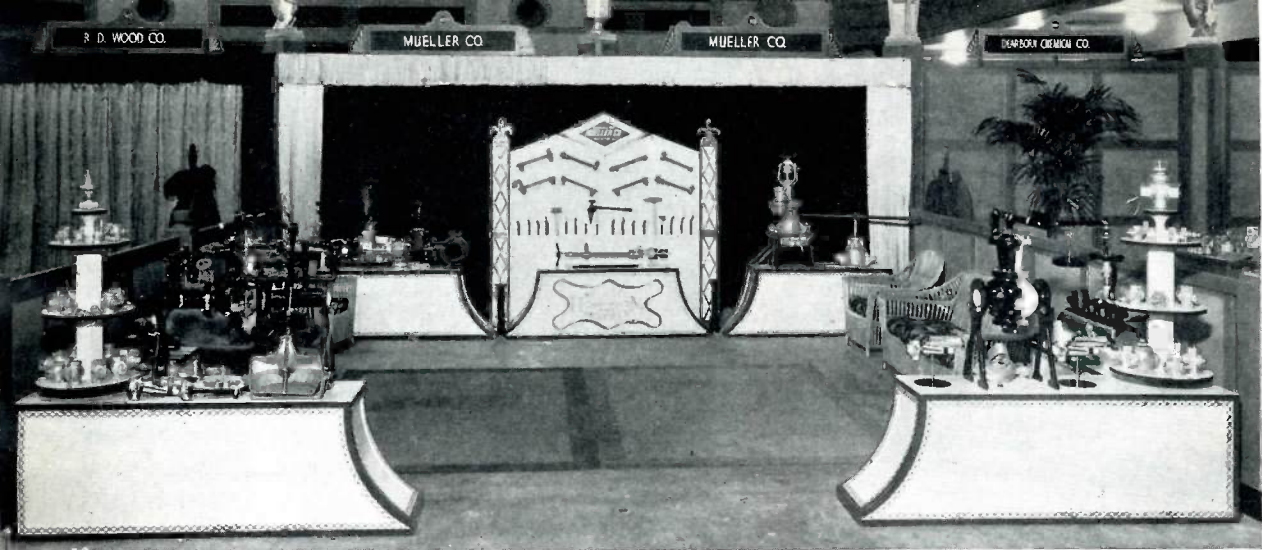
A malleable iron gland follower, designed with ball joint effect as in Columbian Gate Valves prevents binding of the stem.

Safety flange and coupling protects all vital parts from breakage. If the hydrant is knocked over by a

(Continued on page 19)

*The demonstration at Pasadena.*





*Mueller Co. display at the American Gas Association Convention, consisting of tapping machines, gas stops, tools, regulators. Back ground blue, display stands white and blue.*

The Annual Convention of the American Gas Association held in Atlantic City's great auditorium during the week of October 29th, was among the best in the history of the organization. There was a splendid attendance, including the leading business and technical men of the Gas Industry. Augmenting the interesting business sessions was the gorgeous display by manufacturers of gas products. Some of these were works of art and represented the expenditure of thousands of dollars. Sales and mass selling had a prominent place in the business sessions. The social events and the entertainment features were carefully planned and greatly enjoyed.

#### 1935 Officers and Directors

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

Vice-President—L. B. Denning, President, Lone Star Gas Company, Dallas, Texas.

Treasurer—Joseph F. Rooney, Consolidated Gas Co., New York.

#### Directors—Two-Year Terms:

Addison B. Day, President and General Manager, Los Angeles Gas and Electric Corp., Los Angeles.

B. J. Denman, Vice-President and General Manager, The United Light and Power Co., Chicago, Ill.

Henry L. Doherty, President, H. L. Doherty & Company, New York, N. Y.

O. H. Fogg, Vice-President, Consolidated Gas Co. of New York, New York, N. Y.

Arthur Hewitt, Vice-President and General Manager, Consumers Gas Company of Toronto, Toronto, Ontario, Canada.

N. C. McGowen, President, United Gas Public Service Company, Houston, Texas.

William T. Rasch, President, American Gas

Products Corporation, New York, N. Y.

Thomas E. Roach, Vice-President and General Manager, Washington Gas and Electric Co., Tacoma, Wash.

W. Frank Roberts, President, Standard Gas Equipment Corp., Baltimore, Md.

#### HONORS CONFERRED

High honors were conferred upon two men in the gas industry at the recent meeting of the American Gas Association in Atlantic City.

The recipient of these honors were Henry O. Loebell of Chicago, General Sales Manager of the Natural Gas Pipe Line Company, and Walter Herbert Fulweiler of Philadelphia, Chemical Engineer of the United Gas Improvement Company.

To Mr. Loebell was given the Charles A. Monroe award and to Mr. Fulweiler the Beal Medal.

Mr. Loebell's achievement was his advocacy of house heating with gas fuel and his development of a highly successful house heating program which was inaugurated by Chicago Gas Companies in 1933. The Monroe award is granted only for noteworthy and meritorious service. This award consists of a certificate and a substantial financial acknowledgement. The presentation to Mr. Loebell was made by Mr. A. J. Gonnoad, Chairman of the Award Committee.

Papers presented to the A. G. A. Convention and the 1934 Production and Chemical Conference won the Beal Medal for Mr. W. H. Fulweiler. The award consists of a bronze medal and has been sparingly bestowed. The presentation to Mr. Fulweiler was made by Mr. E. R. Acker, President of the Central Hudson Gas & Electric Corporation, Poughkeepsie, New York.



# Hydrant Demonstration at Decatur

*In Semi-circle—Visiting firemen and city officials being shown the hydrant under pressure.*

*Lower left — Impact of three ton truck knocks down hydrant. No damage because the replaceable safety flange and coupling gave way.*



*Lower right—Putting hydrant back with new safety flange and safety coupling. Time required ten minutes.*



(Continued from page 17)

collision, the safety flange breaks at an intentionally weakened groove, and the safety coupling opens outwardly. Only these two inexpensive parts need be replaced. The costlier parts at the bottom and top are protected from damage, and the main valve is not unseated. Any collision that will not damage an ordinary hydrant will not break the safety flange of the Columbian. It is carefully calculated to yield only at a shock that would materially damage a hydrant not so protected. The safety flange is made in two half-circles for quick replacement. The use of the safety flange permits the nozzles to be turned to any degree of a circle. It also simplifies the addition of extension sections.

**Double Drain Valves.** This simple Columbian drain valve is a part of the main valve moving with it, and therefore always works right. Double drain valves means double protection against freezing.

**Drain openings** are bronzed bushed, large in diameter.

**More Positive Main Valve.** The chrome-tanned leather used in the Columbian Valve has twice the durability of the oak tanned leather ordinarily used in fire hydrants. Note the large unrestricted water passages throughout.

## JANUARY BIRTHDAYS

- 7th — Millard Fillmore, 13th president, 1800
- 10th — Ethan Allen, hero of Ticonderoga, 1737
- 11th — Alexander Hamilton, statesman, 1757
- 12th — John Hancock, statesman, 1737
- 19th — Robert E. Lee, Confederate General, 1807
- 20th — Robert Morris, financier of Revolution, 1734
- 21st — John C. Fremont, explorer and soldier, 1813
- 29th — William McKinley, 25th president, 1843.

Someone suggests that if people would chew their food as thoroughly as they chew the rag, they would doubtless live longer.

## "YOU ALL" GOOD ENGLISH

### Shakespeare Used It and Leading Dictionaries Uphold It

Many northern people get a good kick out of the southern expression "you all", which a lot of northern people adopted. Some suspect that this is a negro expression. It is not, neither is it a colloquialism, but it is good English, if we accept Funk & Wagnalls, publishers of the Standard Dictionary, as an authority, which thousands of persons do. They tell us that "you all" is a Shakespearean preserved in the south since the founding of Virginia. The contention that the "all" is unnecessary, is not justified because the "all" is incorrect when applied to a single individual. Shakespeare never used it in this manner, neither do educated people.

In "Midsummer Nights Dream" Shakespeare wrote: "I see you all are bent to set against me your merriment." Again in Julius Caesar, he uses the expression several times in one scene like this:

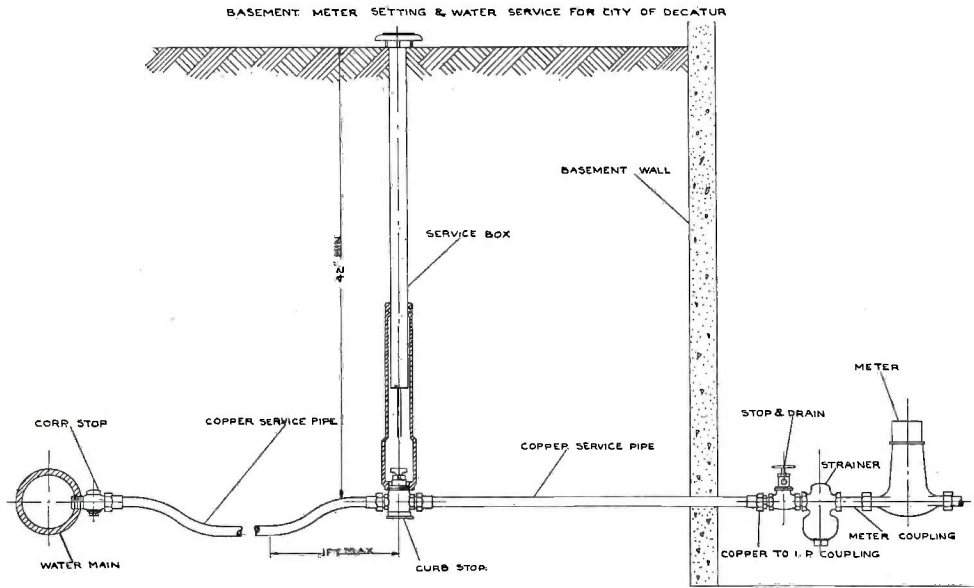
"You all did see, that on the Lupercal I thrice presented him a kingly crown which he did thrice refuse;"

"You all did love him once, not without cause.

"If you have tears, prepare to shed them now. You all did know this mantle."

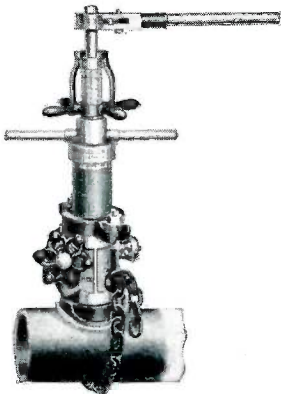
The last three quotations in support of the use of "you all" are from Julius Caesar. To be more explicit, they are from Mark Antony's funeral oration.

# MUELLER STANDARD WATER SERVICE INSTALLATION MAIN TO BASEMENT



Above is a Mueller standard installation from the water company's main to inside of the building. Beginning at the main is Mueller Corporation Stop No. H-15000. From this Mueller Copper Service Pipe connects with Mueller Curb Stop No. H-15150 housed in Mueller Service Box H-10300. The pipe is continued to the basement. Inside is a Mueller H-8205 stop and drain by which water supply is shut off when necessary. Next is a most important fitting, Mueller Strainer H-9030. This prevents entrance into all fittings of any foreign substance which is present in all water, thereby protecting all plumbing fittings in the building, especially the sensitive and expensive water meter. From the meter pipes run to all fittings. The Mueller line of sink, bath, and lavatory fittings is very complete and embraces a variety of attractive patterns either nickel or chromium plated.

## The Right Start Means Good Service



Mueller Corporation Stop used with Mueller Tapping Machine gives the best possible connection at the main. Hundreds of water works experts know this. Ninety-five per cent of U. S. water works use this machine.

## AN OUTSIDE INSTALLATION

METER YOKE



H-10840

METER BOX COVER



H-10810

When an outside installation is desired by all means use Mueller Meter Yoke H-10840 as illustrated and Mueller Meter Box Cover H-10810 with non-recessed lid or any of the yokes and covers shown in Section 10 of Mueller Water Works Catalogue H.

In Mueller Meter Yokes all workable parts are non-rusting and the stop cannot be operated without a pentagon wrench. There are many patterns of yokes in the Mueller line, but H-10840 is a general favorite.

### COVERS

Mueller Meter Box Covers are made of the best grade of malleable grey iron. The multiple wrench not only unlocks the cover, but serves as a handle for lifting.

Under severe conditions, Mueller Meter Box Covers were undamaged by a five-ton truck being driven over them, the lid resting on a concrete floor.

## A MORNING WISH

by W. R. Hunt

"The sun is just rising on the morning of another day, the first day of a new year. What can I wish that this day, this year, may bring to me? Nothing that shall make the world or others poorer, nothing at the expense of other men; but just those few things which in their coming do not stop with me, but touch me rather, as they pass and gather strength:

A few friends who understand me, and yet remain my friends.

A work to do which has real value without which the world would feel the poorer.

A return for such work small enough not to tax unduly any one who pays.

A mind unafraid to travel, even though the trail be not blazed.

An understanding heart.

A sight of the eternal hills and unresting sea, and of something beautiful the hand of man has made.

A sense of humor and the power to laugh.

A little leisure with nothing to do.

A few moments of quiet, silent meditation. The sense of the presence of God.

And the patience to wait for the coming of these things, with the wisdom to know them when they come.

## READING HABITS

Prof. Howard E. Nixon of Columbia University's School of Business, has discovered some new facts about the reading habits of people which upset some old ideas. Many advertisers clamor for right hand page positions. In fact, some of them will have no other. Left hand pages do not appeal to them. Prof. Nixon, by questioning 4,000 persons contacted on street cars, trains, and waiting rooms, learned that 3012 of them are attracted by left hand pages rather than the right hand pages. He discovered, also, that hundreds of persons begin at the back of a book and read toward the front instead of beginning at the front and reading to the back of the book or paper.

### Wrong Answer

Myrtle: "Did you answer that ad for a good stenographer?"

Gert: "Yeh! But that boss wasn't looking for my kind of 'good.' An old maid got the job."

Diplomacy has been defined as the art of letting someone else have your way.

## KEEP ON SWINGING

When the climate was much hotter—in the days before the water fell for forty days and nights to float the Ark—there was lofty vegetation wherein lived the monkey nation, gay and care-free in one vast primeval park.

While the evidence is lacking, some ape must have started cracking out long drives toward prehistoric traps and greens. Though his swings were rough and ready, yet he kept on sure and steady, with a misty dream of golf and what it means.

As the monkeys through the ages became men by easy stages, one sure method always brought them gain and fame. It is now an old, old story—holding still won't bring us glory—it's the one who's up and swinging wins the game.

It's the one who's up an' swingin' — the one who keeps on bringin' in the orders by the dozen an' the score — that knows the sweetest story ain't no high-fallutin' glory, but the sound of shekels clinkin' as he boosts his sales some more.—Ex.

### Saved His Head

Pat (visiting hospital): "And phwat might be your trouble?"

1st Patient: "Tonsilitis. Got to have my tonsils cut out."

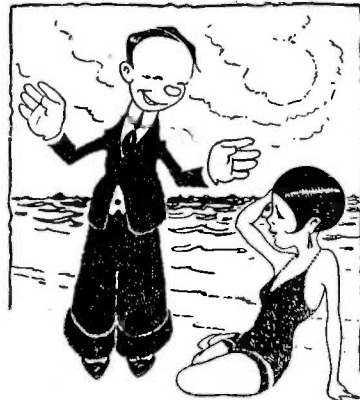
Pat: "And you?"

2nd Patient: "Blood poisoning. They are going to cut off my right arm."

Pat: "Good night, this is no place for me. 'Tis a cold in me head that I have."

To make the hours go fast use the spur of the moment.

## LATEST MODEL

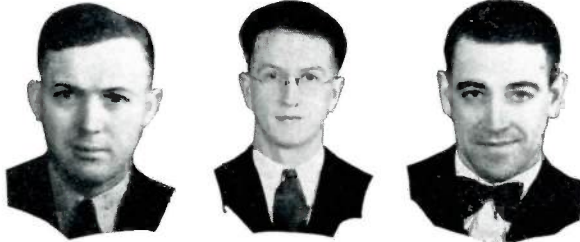


She:—"What would you do if I should refuse to marry you?"

He:—"Come back here next season and get a 1935 model."



# THE SUGGESTION WINNERS



*Kenneth Morrow, F. W. Dannewitz, Glen Hester, Ed. Carter, Ray Kileen, L. I. Hopper, Milo Wright, Archie Sefton, and John E. Taylor.*

## Reduced Overhead:

L. I. Hooper, first .....	\$25.00
F. W. Dannewitz, second .....	15.00
Glen Hester, third .....	10.00

## Increased Production:

Archie Sefton, first .....	25.00
Kenneth Morrow, second .....	15.00
Ed Carter, third .....	10.00

## Safety

Ray Kileen, first .....	25.00
Milo Wright, second .....	15.00
John E. Taylor, third .....	10.00

Prizes are offered to employes who make the best suggestion on any of the three subjects given above. This year about \_\_\_\_\_ suggestions were made.

In addition to the three grand prizes on the subjects, small prizes are given to employes whose suggestions are accepted. This prize is \$2.50 per suggestion. In this class the following were prize winners:

Frank Kuntz—two suggestions .....	\$5.00
H. L. Himstead—one suggestion .....	2.50
Wm. Kuntz—three suggestions .....	7.50
F. W. Dannewitz—one suggestion .....	2.50
L. I. Hopper—eight suggestions.....	20.00
Bruh Werner—one suggestion .....	2.50
A. Spitzer—two suggestions .....	5.00
B. Butt—one suggestion .....	2.50
Chas. Johnson—two suggestions .....	5.00
W. A. Hayes—two suggestions .....	5.00
L. N. Rohr—two suggestions .....	5.00
Ed Carter—one suggestion .....	2.50
Wayne Howard—one suggestion .....	2.50
Milo Wright—four suggestions .....	10.00

John E. Taylor—three suggestions .....	7.50
Carl Morton—one suggestion .....	2.50
E. Krumsick—one suggestion .....	2.50
Carl Hill—one suggestion .....	2.50
Glen Misenhimer—one suggestion .....	2.50
Glen Hester—one suggestion .....	2.50
Sylvia Barnes—one suggestion .....	2.50

## L. I. Hopper Leads

L. I. Hopper leads the group. In addition to \$25, first prize in the Reduced Overhead Division, he made was awarded \$20 for eight adopted suggestions at \$2.50 each, and an additional prize of \$2.50 for having made five suggestions adopted in one year. His total winnings therefore are \$47.50, and his total suggestions were nine.

Milo Wright was next. He won the \$15 second prize in the Safety group, and \$10.00 for four suggestions adopted at \$2.50 each. His total number of suggestions was five, and he was awarded an extra \$2.50 for that number. His total winnings are \$27.50.

## Repeaters

Three of the prize winners this year were winners last year. Milo Wright won first in safety, second in increased production, and third in reduced overhead, a total of \$50.00. John E. Taylor won second in reduced overhead and Archie Sefton won first prize in reduced overhead, a total of \$25.

The awards are made under a system whereby the committeemen do not know the author of any of the suggestions. The committee is composed of employes. No member of the company has anything whatever to do with it — except to pay the awards.

## THE KING'S UMBRELLA

### Eight Feet in Diameter — Gorgeous In Gaily Colored Cloth and Trimmings

Umbrella carrying in the United States is not as common as it once was. There are several reasons for this. One is that many persons think it makes them look like a hick. Another, the umbrella is always at the other end of the route. Another, someone borrowed it. In this respect an umbrella is like a borrowed book — seldom returned. Another reason is forgetting it in a barber shop, hotel, or restaurant. In either event, just count that umbrella gone forever. Perhaps the best reason is the automobile, which, with many persons, has taken the place of umbrellas. It's true that automobiles are also forgotten by absent-minded devotees of night clubs, who can't remember their parking place and call a taxi when starting home at 3:00 A. M., but it is harder to lose an automobile now than an umbrella.

#### Still Popular

But umbrellas are still popular in some sections; among them in Africa where they are in large demand by tribal chiefs. These are made by a company in Birmingham, England. They are not the kind of umbrellas we know. They are 7 to 8 feet in diameter, made of velvets harmonizing with tribal colors and adorned with gay fringe and tassels. Each chief has a variety — one for each occasion.

But he does not carry them. Far beneath his dignity. Some lesser, bow-legged menial of the tribe does that, sweating and grunting at the task, while the big chief strides along in measureable comfort, protected from the scorching rays of an African sun. His gorgeous trappings are matched by the colors and gewgaws of the umbrella, under which he walks in kingly dignity.

#### Down and Out

The aviation instructor, having delivered a lecture on parachute work, concluded:

"And if it doesn't open—well, gentlemen, that's what is known as 'jumping to a conclusion'."—Boston Transcript.

Teacher: "Why did Joshua command the sun to stand still?"

Tommy: "I guess it didn't agree with his watch."—Boston Transcript.

Why are good women like ivy. Because the greater the ruin the closer they cling.

Very good but rather too pointed as the fish said when he swallowed the bait.

## BOULDER DAM

### Completion Is Scheduled for Early In the New Year

Boulder Dam is scheduled to be completed in four or five months, according to press dispatches. It is reported that the gigantic project is a year ahead of schedule.

According to plans worked out by the chief engineer, the towers of the dams should be completed by the first of the year, and the spillways at about the same time. The completion of the dam proper should come about April 1st.

If all these plans carry successfully, it will make possible the impounding of the spring flood waters of 1935.

Although there are six months of construction ahead, the dam is already the highest in the world, rising now some 600 feet with 150 feet more to go. Boulder Dam will block the Colorado River and make a lake more than 100 miles long. It is located in Black Canyon at a point in lower Nevada and upper Arizona and joins those states.

When the dam is completed there will still remain a year's work on the great hydroelectric plants which will supply power to a great portion of southwest and southern California.

#### Not for a Rest

Bank Depositor: "Hello! What's become of the old cashier?"

New Cashier: "He's gone away."

Depositor: "For a rest, I suppose?"

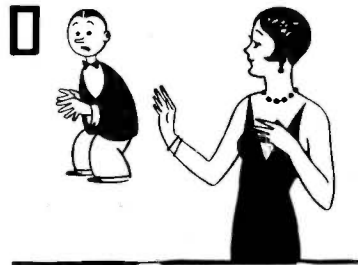
Cashier: "No, to avoid arrest."

#### Black Sheep

The Girl: So you've seen daddy, darling? Did he behave like a lamb?

Suitor (grimly): Absolutely. Every time I spoke he said, "Bah."

## NEXT INSTALLMENT FAR AWAY



Office Boy:—"The boss told me not to come back until you pay your bill."

Flapper:—"Do you think he will recognize you with a beard and long hair?"

## The Auto Line



### Too Slow, Too Fast!

Judge: "Why are you here?"  
Autoist: "My driving was too slow."  
Judge: "Too slow?"  
Autoist: "Yes, the motor cop caught up to me."

### One Jump Short

Here lies a pedestrian;  
He's as cold as ice.  
He jumped only once when  
He should have jumped twice.

### And the Engineer Got Mad!

Engineer: "What do you mean by flagging the limited?"  
"I'd like to borrow a wrench. I got to change a tire."

### Stepped on the Brake

"It's scandalous to charge us \$10 for towing the car only three or four miles," protested the motorist's wife.  
"Never mind, dear," replied hubby, "he's earning it; I've got my brakes on."

### Good Stopping Places

"Where are some good places to stop on this trip?" asked the prospective automobile tourist.  
"At all railroad crossings," replied the clerk in the touring bureau.

### An Idiot Described

An idiot is the motorist who crashes into the rear end of your car when you stop suddenly without signalling.

### In Reverse

New Arrival: "Say, Pete, do people up here recognize old acquaintances?"  
St. Peter: "Sure they do!"  
New Arrival: "Then I'm going back down. I see the bird who bought my old fliver a year ago."

### Not a Tear Shed

Aida: "Did you persuade your husband to buy that new car?"  
Celeste: "Oh, yes; without half crying."

### Never

Julius: "That's a mighty happy couple in that car over there."  
Caius: "Sure is; when do they expect to be married?"  
Julius: "They don't!"

### Time to Wear Crepe

Traffic Cop: "Say, you, get going — what's the matter with you?"  
Polite Driver: "I'm just fine, thank you, but I think my engine's dead."—*Judge*.

### Couldn't Hit Him

Aurelius: "I hear, Demetrius, that thy car was hit by a locomotive."  
Demetrius: "Not much, Aurelius — my car hit the locomotive."

### Another Woman Driver

"I see that you've given up teaching your wife to drive."  
"Yes, we had an accident."  
"What happened?"  
"I told her to release her clutch and she let go of the steering-wheel."

The human animal is the only one that can be skinned twice.

You can't make very good time on the road to ruin nowadays — the traffic is terrible.

## Misplaced Pegs

If you choose the various parts in life by holes upon a table, of different shapes, some circular, some triangular, some square, some oblong — and the persons acting these parts by bits of wood of similar shapes, we shall generally find that the triangular person has got into the square hole, the oblong in the triangular, and a square person has squeezed himself in the round hole. The officer and office, the doer and the thing done, seldom fit so exactly that we can say they were almost made for each other.

—Sidney Smith.



# Darktown Stuff

## Justifiable

"Here, aunty," called out a man as he was passing a Negro shack, "do you have to whip that boy so hard? What's the matter?"

"He's let them chickens out," answered the old Negress.

"Is that all?" soothed the man. "Don't you know chickens always come home to roost?"

"Come home! He's don let 'em go home!"

## Hadn't Been Introduced

Sam (to wife at show): "Mandy, tell dat Niggah to take his arm away from 'round yo' waist."

Mandy: "Tell him yo'self. He's a puffed stranger to me."—*Brown Jug.*

## Great Expectations

A colored woman demanded a refund on a pair of hose recently purchased. The floor-walker asked:

"Madam, did they not come up to your expectations?"

"Lordy no," she answered. "Dey hardly come up to my knees."

## Substitute

"Why, Maggie, Ah thought you-all was on youah honeymoon. Wasn't you married, honeychild?"

"Yes, ah was married all right. But Gawge wanted to go to Memphis, and ah had been theah befow so ah lets mah sistaw go in mah place."

## Question of Time

I'se got a horse that can run a mile a minute 'cept for two things."

"What am dose?"

"De longness of de distance and de shortness of de time."

## Thread Didn't Match

"What's the matter, Rastus? You seem as mad as a wet hen."

"Well, why shouldn't I be? The doctor what operated me foh pendicitus went and sewed me up wif white thread."

## Kicking Gentleman

Kind Old Squire: "Bless my soul, Mirandy, where did you get that awful bruise on your cheek?"

Mirandy: "We-all had a pahty las' evenin', and Ah was kicked in the face by a gentleman friend."

# EMPLOYES' AID SOCIETY BENEFIT FUND

Financial Statement Dec. 1, 1933, Nov. 30, 1934.  
Balance in Bank 12-1-33 \$1,280.87

## Receipts

Membership dues	\$3792.75
Investments retired	223.00
Interest on Investments	208.86
Picnic	37.89
Barbecues	39.95

Total 4,302.45  
5,583.32

## Payments

Benefits	\$3273.82
Emergency Loan Fund	1000.00
Federal Check Tax	6.94

Total 4,280.76

Balance in bank 11-30-34 1,302.56

## Resources

Bonds (par value)	
City of Decatur	1210.00
Thermoid Co. — 6's	2000.00
*Van Swearingen — 6's	2000.00
Bldg. & Loan Stock — Peoples	1178.44
Bldg. & Loan Stock — Mutual	1157.03
Millikin Nat'l Bank, Savings Acct.	4133.09
Emergency Loan Fund	3000.00
Cash in checking account	1302.56

Total \$15,981.12  
\*Interest two years in default on Van Swearingen Co. bonds.

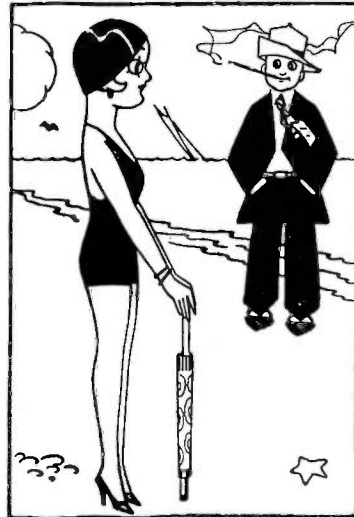
E. H. LANGDON, Treasurer.

## Still Potent

Hubby (stumbling upstairs at 3 a. m.):  
"The old gray mare ain't what she used to be—"

Wifey (peeved): "No; but the white mule still is!"

## BARRED



She:—"How do you like my new bathing suit?"  
He:—"Fine. There is just enough of it to bar you from a Nudist Colony."

# The Record Mail Bag

## DEFENSE OF DOGS

### An Ohio Lover of Man's Best Friend Criticizes Comment of The Record

In the November issue of the Record we had an article about the cost of feeding dogs of the nation, and we indulged ourself in some facetious lines concerning canines with no malice aforethought, and no intentions of reflecting on the faithfulness of dogs. Mr. W. W. Brackenridge of Harrison, Ohio, took exceptions to the article as the reader will note by the following letter.

"Shakespeare said:

'The man that hath no music in himself,  
Nor is not moved with concord of sweet  
sounds,

Is fit for treasons, stratagems and spoils;  
The motions of his spirits are as dull as  
night

And his affections dark as Erebus;  
Let no such man be trusted.'

"And I feel just that way about a man that dislikes dogs; and that tirade of yours in the November Mueller Record shall not go unchallenged. Was it Seneca said: 'When I see a man emerge from the forest, with an apple in his hands, and a dog by his side, he shall have been civilized.' The dog is wiser than you, since he can understand your language; but you cannot fathom his.

"No child has been properly reared, unless he has had the constant affection, devotion and loyalty of a dog friend, and no adult person who lives, either likes dogs or there is some mental or physical or environment complex, which has dwarfed his appreciation of 'man's best friend'.

"As to the cost of feeding a dog, you yourself probably have some hobbies, such as flowers, gardening, or odd jobs at carpentry (which I like also), which are more expensive than feeding a faithful dog.

"And the dog does not have to be pedigreed to be worthy of his keep. The blind are led by them, estates are guarded by them; any normal person loves a dog. My parents saw that I had a dog from the time I could crawl on the floor; and I thank them for instilling in me this love for their faithful devotion."

Note: In a friendly letter we convinced Mr. Brackenridge we do not dislike dogs, but on the contrary are fond of them and that we

could quite agree with the lines of the English poet Crabbe, who said:

"With eyes upraised his master's looks to scan,

The joy, the solace and the aid to man;

The rich man's guardian, and the poor man's friend,

The only creature faithful to the end." — Editor.

In return we received a very nice letter from Mr. Brackenridge, in which he expresses pleasure with the Editor's love of all kinds of animals. That's one more feather in the dog's cap. He brought together on grounds of common understanding two separated individuals, who think alike regarding dogs.

## RECORD READER EXPLAINS

### Gives Solution of Duck Shooting Story—Also of Hen and Egg Problem

The story in the November Record regarding duck shooting calls forth the following from an interested reader of Mueller Record.

To the Editor of the Mueller Record: On page 12 of your November '34 issue, you ask, "If a hunter does not shoot directly at a duck, but approximately ten feet in advance, does the hunter kill the duck, or does the duck commit suicide?"

That's easy, because the duck is still struck from the side, exactly as if the hunter took a pot shot at it sitting on the water.

#### The Boop-a-Doop

But the case of the (let us call it the Boop-a-doop) bird in South Africa is not so simple of solution. A native hunter with a round flat stone in his hand sees a Boop-a-doop flying towards him. He throws the stone in such a way that after traveling for a distance more or less parallel to the ground it curves sharply upwards. The bird, having learned from military text books, that offense is the best method of defence, swoops down to meet it. There is a head-on collision, stars, and then flowers; or perhaps I should say a stew. Does *that* bird commit suicide?

#### The Hen or The Egg?

As to your second problem, "Which came

first, the hen or the egg?" The solution is as follows:

On his first night at sea, Noah satisfied himself that his stock was all fed and bedded down for the night. Then, having dined comfortably himself, he took off his dinner jacket, lit his pipe, and settled down in his chair in front of the fire. Idly he picked up a piece of charcoal, then a shingle, and then he drew a few lines upon it. Interested in the result, he rapidly completed his sketch. Then he called to his wife. "Look, my dear, what I have drawn; it is a bird. I shall call it a 'hen'."

Noah and his wife chuckled amusedly for a few moments over his first venture into the realms of art, and finally, when the joke had begun to pall, he threw the shingle with the hen upon it into the corner and the damn thing laid there.

*Double Barrel.*

Editor — Mueller Record:—Just a line to tell you that we think the Mueller Record one of the finest publications issued for our industry. It is always read from cover to cover and then taken home for the family. Keep up the good work.

Here is a little story, mostly of local interest, but if you care to use it go ahead. If not, that's OK too.

#### GUESS WHO?

Here is a tale — and they say it's true  
Of a stopped up sewer, a ditch and Lou.  
The hole was dug and the work was done  
The ditch filled up and then the fun.  
There had been no rain — the ground was dry  
There was too much left — so with a sigh —  
It was hauled away.

It will sometime rain — there is no doubt  
And two loads of gravel it took about  
To fill this ditch and make it right  
For as it was — it was a sight.  
But there was no gravel — not a bit of ground  
So they started out and they looked around—  
To find a way.

So there they go and down the street  
A pile of gravel they chance to meet  
They loaded it up and was ready to go  
It looked like it had no owner and so  
With surprise (?) they met the man who came  
To insist they unload the gravel again! —  
And they did, too. —Daytonymous.

#### Too Progressive

Solomn De Cause, a Frenchman, got himself into an insane asylum because he was too far in advance of his time. Although the invention of the locomotive is generally placed at 1829, De Cause published a book early in the 19th century which advocated the "pushing of carriages and ships by boiling water and making steam." People thought him crazy and he was locked up.

## ALWAYS SOMETHING NEW

Paul Hayward in "Nation's Business" says:  
"A new small compass and compensator attached to your windshield by vacuum cups gives the direction in which you are traveling."

"A coal-burning home water heater serves as a garbage incinerator. Garbage contained in a receptacle above the fire box is said to be completely and odorlessly consumed."

"A new double deck bed can be quickly changed to twin beds. Supplied with it is a step stool which serves as a night table when the double decker becomes twins."

"There is a handy new water proof match case of molded plastic for hunters and hikers. It has a burning glass in the top and a compass in the bottom. It floats if dropped in water."

"The one man portable gasoline hammer for tamping and breaking concrete. The engine is on the shaft, the weight is 89 pounds, and it strikes 1500 blows per minute."

A new hosiery display form is made of flesh colored rubber and resembles a well formed leg when inflated.

There is a new drafting machine which clamps on the edge of the drafting board. It is said to eliminate the use of T-square, triangles, scales, and protractor, and saves 25% of drafting time.

A new road surface tester signals high and low spots on an indicator and marks the spots by squirting colored fluid on them.

## THE REASON



Tom:—"My ancestors were all people of brains."  
Madge:—"That was the reason for disinheriting you, presumably?"



## PARTY AT THE "PENNSY"

### Beautiful Reception and Dance By N. Y. Employes of City Dept.

A very beautiful reception and dance was given at the Pennsylvania Hotel by the employes of the Department of Water Supply, Gas and Electricity of the City of New York on the evening of November 23. This was the first affair of the kind ever given by the employes and their effort was attended by fine success. Among the guests were Commissioner Maurice F. Davidson, Deputy Commissioners Charles G. Keutgen, John E. Eastmond, Herman Forster, Michael Iorio, Wm. W. Brush, formerly chief engineer of the New York Water Department.

The music was by Roger Wolfe Kahn and his society orchestra, Mr. Kahn conducting. The program:

1. Tom Kelly, Master of Ceremonies.
2. Blance and Elliott, The Perfection of Rhythm and Motion, featured dancers at Delmonicos'.
3. Miss June Boyd, Xylaphonist — Par-excellence.
4. Grant & Rosalie — Comedy artists supreme, now featured at the Greenwich Village Nut Club.
5. Alfred Chigi — America's youngest and most brilliant baritone, sensational radio and operatic star.
6. The Ten Dancing Debutants, Dashing, dancing darlings, daintily dressed in a real snappy up-to-the-minute revue.

The success of the affair was due the efforts of the following general committee: William T. Walter, General Chairman, John J. Dugan, Treasurer, Frank E. Kiesel, William A. Shaw, William A. Bannon, William J. Shannon, Secretary.

#### Right

Wife: "I'm reading a mystery book."

Husband: "Why, that book looks to me like our household budget."

Wife: "It is."—*Tit-Bits*.

#### Ahem!

Fisherman: "I tell you, it was that long! I never saw such a fish!"

Friend: "I believe you."—*Bee-Hive*.

#### Rubber Ball Causes Trouble

A rubber ball was the cause of a house burning down at Independence, Missouri. The fire department got there in quick time, connected to the hydrant, opened the nozzle, no water. The water simply refused to pass through the hose. In the meantime the house burned to the ground. Later the firemen found that a rubber ball plugged the hose.

### Out of the Ordinary

It would appear that the young women attending the University of Kansas acquire other "learning" than that found in text books. Some of them "cuss". In a moment of contrition, a group decided "cussing" was a bit uncultured so a reform society was organized. A schedule of fines posted as follows:

Damn, hell, gosh darn, the devil — one cent each.

Gosh, darn, heck, golly — one half cent each.

Judas Priest, God or variations, Lord or variations — five cents each.

G-- D-- — ten cents each.

At the close of the first day they had \$2.50 in the treasury. It could not have been done on ½c or penny fines. One guess on the cuss word used.

Roy Smith, Chicago, peddled eggs. A negro bought four dozen. Then he explained his boss had only a \$20 bill. Roy gave him \$18.36 change, and kept the four dozen eggs, while the negro went across the street to get the \$20 bill from his boss. Roy later explained to the police that he did not see any catch in it because he had the four dozen eggs as security. There was no catch anywhere, not even of the negro.

H. A. Sawyer, amateur wrestler of Conway, N. J., knew all the holds and how to wriggle out of them but he was helpless when his trouser leg got a toe hold on his foot while he was disrobing for bed. They picked Mr. Sawyer up with a broken arm.

John Morris, Macon, Missouri, got \$5 bounty for a wolf hide, but he did not kill the wolf. A sow with three little pigs did the job when the "Big Bad Wolf" entered her pen.

Team work: Mrs. Emanuel Friedman and Mrs. Nathan Cluster, twin sisters, confined to a Minneapolis hospital gave births to baby sons on the same day. And speaking about twins, Leo Lopatka sat in the hospital reception room awaiting the ninth inning score. "A fine son," said the nurse as she entered. Later she brought in corrected returns. "Two of them, both boys, twins." Leo fled, and has not been heard from since. When the mother recovered she applied for a divorce.

Sophia Johnson, negress, Dallas, Texas, weighed 354 pounds. When Sophia came out of the hospital, she was 150 pounds lighter. That was the weight of a tumor removed, the largest ever reported to the medical world.

"Slow—hug the right," is a road sign near Menominee, Wisconsin. Some wag increased interest by adding the word "woman" at the bottom.

The champion sausage eater of the world is Dracelup Ilitch, Belgrade, Jugo-Slavia. This "gent" ate seventy-one large sausages at one sitting, and washed them down with a gallon of wine.

A playful dog shot and killed Harry Brandic of Dunellen, N. J. Brandic was hunting when the dog jumped upon him, knocked the gun from his hand. The fowling piece was discharged, killing Brandic.

Howard Hanley, a messenger boy, Joliet, Illinois, was riding his bicycle on a street which had been roped off. George Erb, a city official struck the rope accidentally. It broke and the end twined around Hanley's neck. He was thrown to the street, his skull was fractured, and he died.

Stanley Roman, aged 24, bet \$5.00 in a Chicago tavern that he could drink a quart of whiskey at one gulp. He only succeeded in drinking  $\frac{3}{4}$ 's of it. Shortly thereafter he said he would take a brief rest, but it proved to be his last.

A Decatur man purchased a small restaurant. The next morning he opened for business. A "customer" came in with an ugly looking gun and went out with the cash — \$20.

Mrs. Ted Brooks, Modesto, California, made an oyster stew for supper. At the meal she found a large pearl. A jeweler said it would have been worth \$5,000 had it not been cooked. The heat ruined it.

C. R. Miller, oil station attendant, East St. Louis, is popular with hold-up men. Two different gangs operated on him within 24 hours.

Miss Nettie Hedden, married fifty years ago to A. T. Mall, objected to the word "obey," but she must have obeyed, because Mr. and Mrs. A. T. Mall recently celebrated their golden wedding.

Four boys at Des Moines, Iowa, found a damaged safe on a junk pile. In it they found certificates that looked like money. They used these for play money until their parents discovered it real money — \$1200 Postal Savings Certificates. Police recovered an additional \$5500 worth of the certificates. The safe had been stolen by thieves from an Italian woman. They took \$1750 cash from the safe, but passed up the Postal Certificates.

Dr. L. M. Dons, Arlington, Texas, attended a football game between Donna and Westaco High Schools. The doctor was attending physician at the birth of 13 players on the Donna team and nine on the Westaco team. Do you wonder that the doctor likes football.

Claire Vasse, aged 2, Pasadena, California, was eating a cookie in her back yard. A black bird, probably wanting the cookie, picked the child in the face until seven stitches were necessary to close the wounds.

The smallest prisoner and the most troublesome ever received in the Joliet Illinois Penitentiary is Albert Testa, a midget, 26 years old, 51 inches tall, and weighing 74 pounds. He was sentenced from Chicago on a criminal assault charge. There were no prison clothes small enough for him. It was necessary to have a suit of clothes, underwear, shoes, and stockings made before he could be properly introduced to his new society.

*(Continued on page 30)*

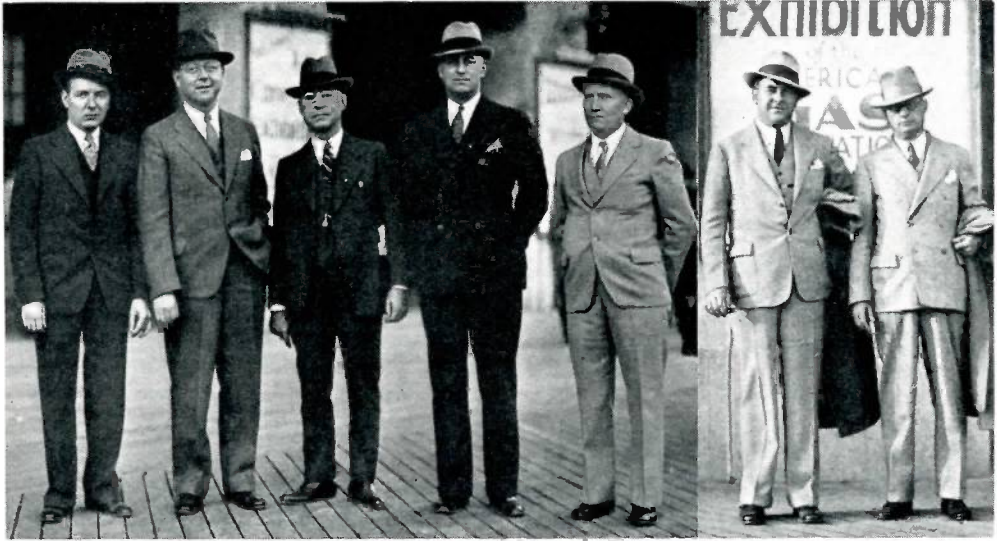
### A NINCOMPOOP GAG



"Aha, my dear Nincompoop, there are a tremendous number of casualties I see by the paper."  
"Forsooth, my dear Iggledoodoo, and what paper?"  
"Egad, the fly paper."

—Rice Owl.

# Mueller Men at A. G. A. Convention



The following represented the Mueller Co. at the American Gas Association convention at Atlantic City recently. Left to right: William Groble, Fred Kroschwitz, Robert Mueller, John P. Stenner, O. J. Hawkins, Leroy J. Evans, and C. J. G. Haas.

## AL. S. FRAMPTON DEAD

Al. S. Frampton born in 1877, passed away at his home in St. Louis, October 1, 1934.

Mr. Frampton was widely known in the plumbing and heating industry. At one time he was connected with the Wheeling Steel and Iron Company. For the past 17 years, he was associated with his Brother, R. C. Frampton, of the Hudson-Frampton Motor Car Co. of St. Louis.



He was also widely known to the trade, especially in Minnesota, Wisconsin, North and

South Dakota. Both R. C. Frampton and his late brother were friends of the late Fred B. Mueller, and acquainted with other members of the Mueller Co.

*(Continued from page 29)*

Jacob Ahren, age 70, Chicago, went to the basement for a drink of wine. By mistake he drank shoe polish. He screamed in agony. His wife found him black in the face. A doctor and a stomach pump saved him. He had an extra fine shine on his nose.

Raymond Nelson and family of Kewanee, Illinois, drove their auto into a tornado which lifted the car from the highway, blew it over a field fence, whirled it twice around in the air, and dropped it a hundred yards from the starting point, engine still running and car rarin' to go. Nobody seriously hurt.

Miss Sarah Hathaway of Milwaukee died and left \$40,000 for the care of her eighteen cats. The will was contested. The court held it valid. When the felines are all dead, eleven nieces and nephews get the residue of the \$40,000. Let's see. One cat has nine lives and eighteen cats would have 162. Lots of lives — not much for the eleven heirs to look forward to.



## GOOD MEETING AT WACO

### Southwestern Water Works Men Have Profitable Session

Water works men of the southwest composing the Southwestern Water Works Association held their annual convention at Waco, Texas, in October, and devoted several days to discussing questions concerning water works practice and management.

This Association was organized in 1912, making this last convention the twenty-third annual meeting. There was a registration of 280, and this included nearly all active water works men in the southwest, in addition to many manufacturers' representatives.

One of the important actions taken was the decision to consolidate the Southwest Water Works Association with the American Water Works Association. This will become effective January 1, 1935.

The next meeting of the Southwestern Association will be at Houston, Texas, in the fall of 1935.

Officers elected were:

President—John B. Winder, Supt. Water Works, Dallas, Texas.

Vice-Pres.—Geo. J. Rohan, Supt. Water Works, Waco, Texas.

Sec'y-Treas.—Lewis A. Quigley, Supt. Water Works, Fort Worth, Texas.

Governing Board:

Arkansas: Henry E. Nunn, Supt. Water Works, Van Buren, Ark.

Kansas: M. E. Linton, Water Commissioner, Topeka, Kansas.

Louisiana: R. H. Brooks, Supt. Water Works, Ruston, La.

Missouri: J. W. Everett, Mgr. Water Works, Springfield, Mo.

Oklahoma: Thos. G. Banks, Engr. & Supt. W. W., Oklahoma City, Okla.

Texas: Albert R. Davis, Supt. Water Works, Austin, Texas.

The delegates inspected the sewerage plant and the water works filtration plant, the pumping station at Lake Waco and the dam. There was a barbeque on the shore of Lake Waco. This lake has made special reduced sprinkling rates practicable and ample water for beautification of municipal and private property. During the drouth of 1934 Waco, by reason of this lake, became known as the "Oasis of the Prairie."

There was a fine program of technical papers and the social events provided splendid entertainment for all.

## EASTERN WATER WORKS MEN

### New England Association in Good Shape. H. M. King Elected President

*New England Association in Good Shape.*

*H. M. King Elected President*

The convention of the New England Water Works Association was held at the Statler Hotel in Boston, September, and called out a



**H. M. KING**

*Pres. New England Water Works Association*

fine attendance. It was the 53rd annual convention. The attendance was over 600 and an excellent program marked each session.

The following officers were elected:

President: H. M. King, Supt. Water Dept., Springfield, Mass.

Vice-Pres.: H. U. Fuller, Chief Engineer, Water Dept., Portland, Me.

Director: P. A. Show, Supt., Water Dept., Manchester, N. H.

Secretary: Frank J. Gifford, Manager, Water Works, Dedham, Mass.

Treasurer: Leland G. Carlton, Registrar of Water, Springfield, Mass.

Editor: Gordon M. Fair, Harvard University, Cambridge, Mass.

Reports of the Secretary, Treasurer, and Editor of the Journal revealed that the association now has a membership of 795. Income

*(Continued on page 32)*

## ZOO ANIMALS KILLED

### Valuable Specimens Poisoned — \$5000 Ourang-Outang

The trainers, keepers, and officials of the Fleishacker Zoo in San Francisco are puzzled and worried by the loss of valuable specimens, which have undoubtedly been poisoned and killed by the devilish contrivances of unknown person. The latest loss was that of Ginger, a large Sumatra orange-outang, valued at \$5000. Ginger was fed poisoned candy. The orang-outang died in the arms of his keeper, John Van Bergen, who died the day following from shock, according to press dispatches.

#### Better Than Some Men

George Bistany, big game hunter and director of the zoo, denounced the killer of Ginger "as a murderer, whom I'd throw in the lion's cage if I could get my hands on him. Ginger was my friend. We respected each other as two men would. He was more of a man than many humans I've known. I could talk to him and he could talk to me because I know the language of the anthropoid apes."

#### Affection for Pets

This may sound somewhat overdrawn, but human affection for animals is something many do not understand. It starts with dogs and cats, and ends with elephants and is age old. Animal dealers in large cities know this and they do not let the market go uncultivated. Animal dealers generally live in a seaport city. The reason is obvious. New York City furnishes one of the best markets.

One of the largest dealers there has a warehouse in the city filled with birds, monkeys, and smaller animals and a farm specially equipped for caring for the larger specimens.

#### Animal Pet Market

This man sells one half a million canaries a year, and many parrots, love birds, birds of paradise which are priced at \$600 to \$800.

Wealthy people are good customers buying swans, antelopes, monkeys, and chimpanzees and even tiger and fiercer animals for private zoos. If you want a baby elephant you can get one, but you will soon find out what "an elephant on your hands" means when you come to pay the feed bill.

A chimpanzee fresh from the jungle is sold at \$300. It may cost \$1200 to educate the beast, but they make nice pets.

#### Satisfied with One Canary

The animal dealer will sell or get you anything you want and can pay for, but the strange

fact remains that the dealer has little use for pets for his own entertainment.

One dealer in New York who has sold hundreds of thousands of dollars worth of animals confessed that the only pet he had in his own home was a canary bird.

*(Continued from page 31)*

during the past year totaled \$10,080, of which \$5,231 represented membership dues and the balance represented principally the interest from invested funds and advertising income. Cash and invested funds amounted to approximately \$17,000. Disbursements for the year had been \$10,004, including the cost of printing and distributing the Journal at \$5,411 and representing the lowest publication cost per member during the past ten years.

## HARUM-SCARUM DRIVERS

### Suggestion of License Does Not Fit A Certain Class

"What we need to assist in preventing automobile accidents is a driver's license," remarks a newspaper writer. That, however, is not so important a requisite as some method of putting brains in the heads of a certain class of drivers.

In spite of that poem "He said it couldn't be done," but the go-getter did it, we insist that this cannot be done to this certain class of drivers. Going to lunch the other day, before crossing Monroe Street, we heard a fast Wabash train whistle for the crossing. When well across the street, we were startled by the warning notes of an auto horn. Nearly a block away was a car rushing to the crossing. The driver had heard the locomotive whistle and was racing to beat the train. Fortunately he did, his car bouncing over the tracks like a rubber ball. Approaching from the south, this is a blind crossing on both sides. It's impossible to see or judge the proximity of a train coming from either direction until on the crossing. As soon as the driver had made the crossing he slowed down. It was a case of being in a big hurry and no place to go. Here is a specimen of a class of drivers who could not be controlled with a pocket full of drivers' licenses. He is one of the boys who sooner or later add to the frightful toll of automobile fatalities. There are too many hair-brained, harum-scarums behind the steering wheels. Something ought to be done about it. But what?

# WATER CONTROLLING EQUIPMENT

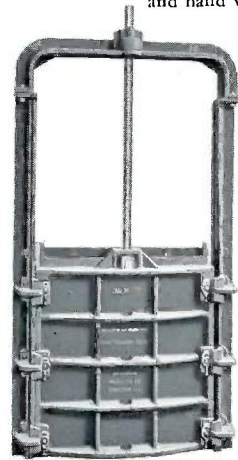
*For all Sewage and Filtration  
Plant Requirements*

**T**HE long experience behind Columbian Sewage and Filtration Plant Equipment has been given a new opportunity for expression since the Columbian Iron Works was reorganized by Mueller Company.

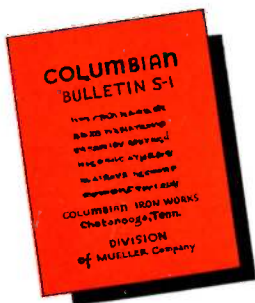
All Columbian equipment — sluice gates, shear gates, mud valves, floor stands, etc. — has been totally re-designed in accordance with the most modern conception of equipment of this type. Greatly enlarged and ultra-modern manufacturing facilities have broadened the scope of this equipment until it now covers practically every conceivable requirement for water controlling equipment of this class.



Columbian enclosed geared stand. Typical of a wide range of geared stand and hand wheel stands.



Columbian, non-rising stem circular sluice gate. Typical of other circular and rectangular gates with rising and non-rising stems.



## ASK for Bulletin S-1

The range of Columbian Sewage and Filtration Plant Equipment is highlighted in this new bulletin. It covers circular and rectangular sluice gates in a wide range of sizes, handwheel floor stands, enclosed geared stands, drain valves, flap valves, shear gates and gate valves. Where shall we send your copy?

**COLUMBIAN**  
*Sewage and Filtration Plant*  
**EQUIPMENT**



# MUELLER'S

## DUO-SPRAY



H-5411 — Sizes  $\frac{3}{8}$ " and  $\frac{1}{2}$ "

Mueller's "Duo-Spray" shower head expresses the modern trend. Economy in FIRST cost and water consumption, modern Artcraft design and ease of cleaning.

By M U E L L E R  
Decatur, Ill.



H-5412

With the exception of Mueller's H-5400 Positive cleaning shower head, there is no drilled type shower head on the market which can be cleaned satisfactorily without the removal of the head from the shower arm. For this reason Mueller has developed the Duo-Spray head (H-5412) which gives two distinct or separate circles of spray having the same complete surface coverage as any drilled type head under four inch diameter.

Stoppage caused by any foreign material found ordinarily in a water supply system can be readily flushed by dropping the slotted members of the Duo-Spray head slightly below the face of the head. This is accomplished by turning a center screw which has convenient flat surfaces projecting from the face of the head.

*Ask for this booklet. Your name imprinted if you so desire.*

Ask your plumber for a demonstration of Mueller's Duo-Spray head. This will convince you of its economy of water consumption, also that our claims of artistic appearance, first class workmanship and ease of operation are not in the least overdrawn.

# M U E L L E R C O .

## Decatur, Illinois

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