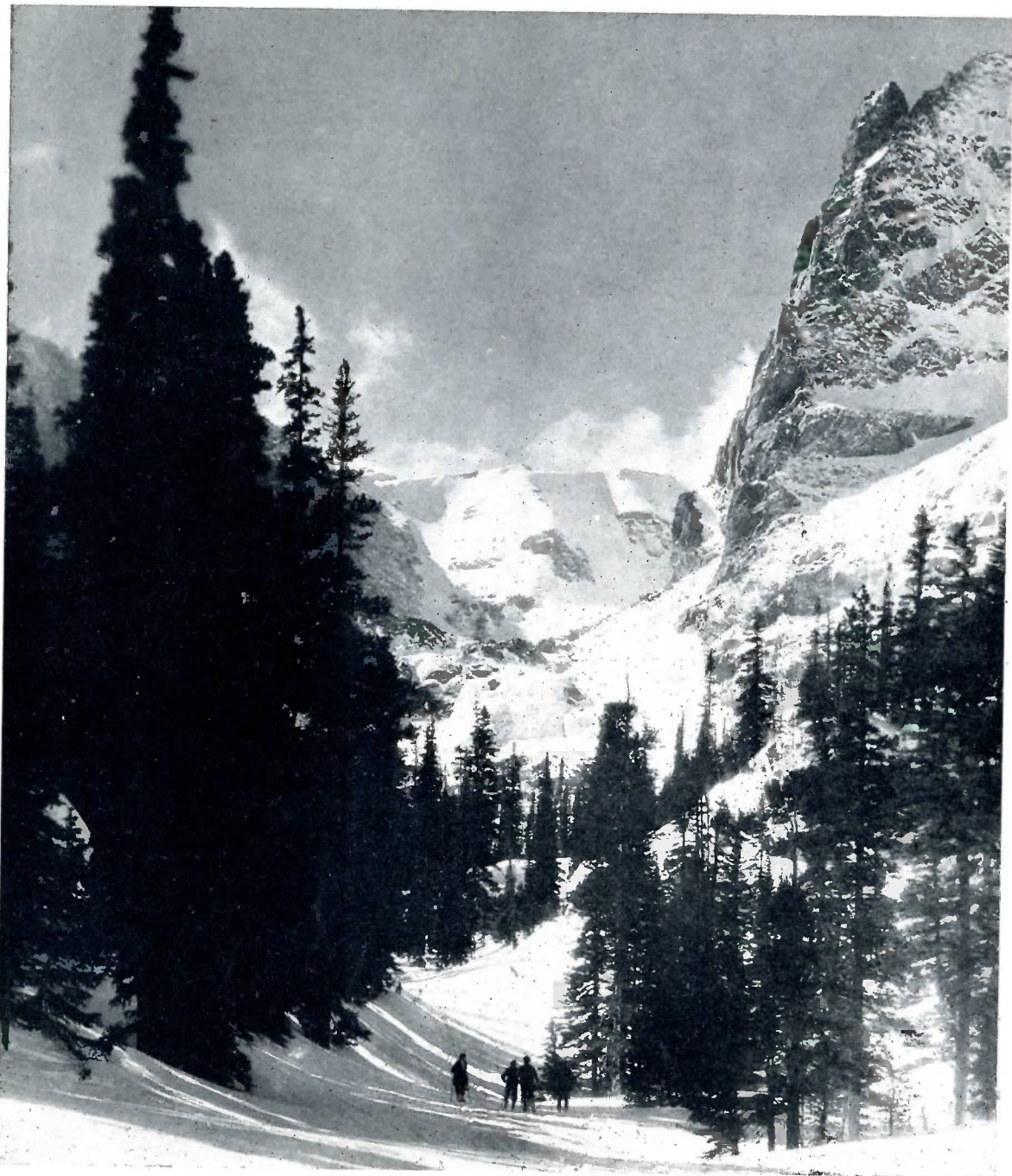


MUELLER RECORD

PUBLISHED AT DECATUR, ILLINOIS



Winter in the Rocky Mountains, Estes Park, Colorado

JANUARY, 1937

PHOTO FURNISHED BY
C. W. FERGUSON,
FORT COLLINS, COLO.

RELIABLE

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TO THE LAST OUNCE OF METAL

high lights

Regular model 25" travel; special model 36" travel.

Maximum of strength combined with lightness.

No back-breaking lifting.

Working parts enclosed in tight aluminum case filled with oil.

Working parts completely lubricated at all times and kept free from dirt.

Drive gears, boring bar, and other working parts designed with an extra large factor of safety.

Automatic feed provided by gears at rear of machine.

Easy to handle, easy to attach, and rapid to operate.

This redesigned and improved Mueller C. C. Drilling Machine will withstand the heavy strain inseparable from large cuts ranging from 2" to 12".

The very finest materials are used in this machine, selected for their fitness and resistance to wear. Every part is accurately machined so that it will mesh perfectly with other parts, thereby securing smooth, easy running and rapid cutting by the shell.

You should be interested in this machine which has already proved successful and satisfactory to so many water companies.

Ask us for complete information and prices.

MUELLER CO.

DECATUR, ILLINOIS

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Vol. XXVI

JANUARY, 1937

No. 262

THOUGHTS ON NEW YEAR

A Few Home Made Aphorisms for Nineteen Thirty Seven

Thrift is the one safe highway to wealth.

Profanity adds neither emphasis nor elegance to conversation.

It does not always follow that you will get anywhere by practicing what you preach. You may unknowingly be a false prophet. It is far better to first practice what you know to be fair and right, and then do your preaching.

If you failed to learn anything from your experience last year, your chances of learning anything this year have lessened.

A good sailor takes advantage of every favoring breeze to reach his predetermined port.

If you conscientiously put the blame for failure where it rightly belongs, you are indeed likely to be carrying a heavy burden at the end of the year.

To be perfectly honest with others, one must first be perfectly honest with one's self.

Work is a burden to those who do not enter into the spirit of accomplishment.

One's own self-respect commands the respect of inferiors and superiors.

Incorrect conduct is the direct result of incorrect thinking.

Mere opinion unsupported by some invulnerable reason is as meaningless as a row of ciphers.

Let's remember that an engaging personality becomes a handicap rather than an advantage when one shows too much self-appreciation.

• •

1937—RHYMES

Here I come, I'm the New Year,
Not many clothes, but what do I keer?
When I end up I'll have a book full of notes

And some of you slow guys will sure be the goats.

Old Father Time tells me to do my best,
Before 365 days put me to rest.

My big job is to show you the way
To live life happily and make every minute pay.

Tackle your job with an ear to ear grin
And say, "By heck, here's one year that I'll win."

Work while you work, after that play,
Success comes to those who do it that way.

The trouble we New Years have with most of you folks

Is you don't take us seriously, but think we're a joke.

"Time marches on," and passing your place
Beckons you heartily to keep ahead in the race.

If you're going to be a dreamer, stick to your bed

But if you want to be a winner, be alert and use your head.

Now I've told my little story, 'twill soon be '38

And if you want to catch my fish, it's time to cut your bait.

• •

Had Rudyard Kipling still lived, he might write another story changing the title of a previous yarn, "The Man Who Would Be King," to the "Man Who Wouldn't Be King."

Said one Baltimore oyster to another. "Gee, but Edward the Eighth certainly gave our home town some fine publicity."

SANTA MARIA, CALIF. SHOWS THE WAY

Has a New City Hall Costing \$75,000—Architecturally Beautiful—Financially a Wonder Because It's Paid For.

Santa Maria, California, has a beautiful new city hall building. It cost \$75,000, but this fact does not in the least chill civic pride. The citizens are entitled to "feel their oats" as readers will agree by a glance at the illustrations on this page. This, of course, does not do justice to the imposing structure nor does it tell a faithful story of the charming architectural detail. The architectural treatment is in line with the type so popular on the west coast, and so pleasing to visitors.

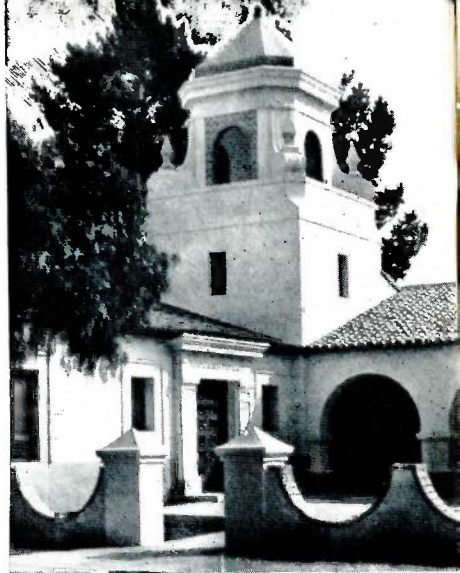
No Bond Issue

The entire improvement was made without the usual bond issue to leave a bad taste in the taxpayer's mouth, or to plague future generations. Santa Maria has not only obtained a fine city hall, but it is paid for, after about ten years of suggestion, discussion, and planning. The first step was to get the sentiment of the citizens. This was accomplished in simple fashion. They were asked on post cards if they wanted a city hall, and if so, where did they want it located. On reply cards they told the mayor and council that they wanted the hall, and they wanted it built on park property owned by the city.

Practicability and Beauty

Architect Crawford was commissioned to prepare plans, and he very adroitly combined practicability with beauty. Adequate provision was made for the city officials, including the mayor, city clerk, treasurer, water, garbage, building engineer, and police.

In addition to these offices is the council chamber, council meeting room, Pioneer's lobby, an extra office, jails for men, women and juveniles and a basement for heating and storage.



Spanish Design

The design in general is Spanish architecture, which fits in so harmoniously with the topography of California, as well as the great state's history and traditions. Reinforced concrete was used in the structure throughout. The roof is tile and a central tower is a prominent feature. The greater portion of the floors are cork.

Pioneer's Lobby

The Pioneer's Lobby is an interesting feature with the interior furnished with local stone. Cases were arranged in which will be placed objects of historical interest to the state and city. The government Public Administration provided \$19,164.13 for the improvement and the remainder of the funds came from the water department, which has regularly shown a net profit of \$20,000 annually. No bond issue was necessary.

AN INTRICATE HOOK-UP

In the November issue of the Mueller Record reference was made to family conference by telephone involving persons living in Decatur, California, the Phillipines, and other places. Equally marvelous was the celebration of the tenth anniversary of the National Broadcasting Company when the network tuned in its audience to conversations held between a submarine under the sea and on Pike's Peak, between planes flying over San Diego to a speeding train in Germany, 8000 miles away. Most complicated of the features offered on the 45-minute program was a two-way conversation between the New York, New Haven & Hartford streamlined "Comet," traveling 90 miles an hour, and the German streamliner, "Hamburger," also speeding 90 miles an hour, between Berlin and Hamburg.



HIS OLD CAMP GROUND

Veteran Plumber of Boise, Idaho, Gives Interesting Reminiscences

We are in receipt of a copy of the Idaho Statesman containing an interesting study, the subject of which is James R. Lusk, a retired hardware man and an old time plumber at Boise. Mr. Lusk has an extended acquaintance in the plumbing fraternity of the Western coast. He told a reporter that 59 years ago this past fall he had camped on the very ground where his home now stands. With his parents, he crossed the plains with a wagon train. Reaching Boise, his father determined to locate there.

First Bath Tub for Boise

Mr. Lusk told of installing the first bath tub in Boise, the Idaho Statesman quoting him as follows:

"Boise's first bathtub was installed just about 45 years ago this fall, James R. Lusk, retired hardware merchant and early-day plumber, says, and the proud owner was George Sheehy of 313 South Fourth street, in what was known in the early days as 'Central Addition.'"

"Those were the days when Grove street was the 'bon ton' street of the city, and 'Central Addition' was trying to rival it," said Lusk. "A number of fine homes were built down there, too. Judge Stewart and Tommy Jones had beautiful homes.

Tub Was Copper

But the Sheehy house, though not large, was the talk of the town because of its copper bathtub. Water had only been piped there a short time, and of course we used cess-pools, for it was years later before we had real sewers. The tub was known as a New York model and was freighted to Boise in a covered wagon from St. Louis."

HANDSOME BOOK

We are in receipt of a handsomely printed and generously illustrated book depicting the beauties of Lake Springfield under the title of "Lake Springfield, a Classic Municipal Enterprise." It was issued by the Burns and MacDonald Engineering Company of Kansas City. This well known company not only made the original engineering studies, but designed the major structures and acted as consultants throughout the entire period. The book is "dedicated to the ideal of public ownership that has inspired outstanding municipal achievement of Springfield, Illinois."

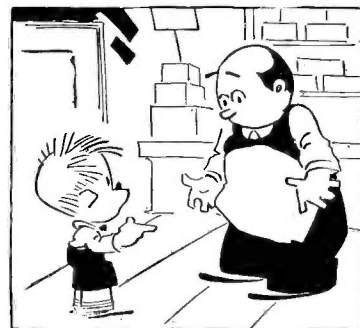
CASEY AT THE BAT

Do you remember De Wolf Hopper's recitation of "Casey at the Bat"? The one time popular comic opera star helped make that poem famous. Even though you remember Hopper, it is possible that you do not know the name of the man who inspired the verses. It was O. Robinson Casey. He died recently at the age of 78 years. And the chances are that you do not recall the name of the author of the verses. They came from the pen of Ernest L. Thayer, a newspaper man. Casey was a great hitter, a member of the Detroit team of the old National League back in 1885, one of the greatest combinations of individual stars that ever walked on to a baseball diamond, yet could not win the pennant. Thayer was inspired to write the poem when Casey, the great hitter came to bat in a critical moment, where most any kind of a hit meant a victory for Detroit, and struck out. Thayer's setting of the poem was in fictitious "Mudville" instead of Detroit.

THE WORLD'S POPULATION

There are 2,073,300,000 people in the world. This is the conclusion of two scientists. They are Dr. Raymond Pearl and Sophie A. Gould of the John Hopkins University School of Hygiene and Public Health. In their new book, "Human Biology," the prediction is made that the peak of the world's population will be about 2,645,500,000 in 2921. The average density of world population at the present time is about 40 persons to the square mile, approximately that of the United States. Only a little more than 5% of the land area of the earth contains 52.5 per cent of its population. In Japan the population increased more than 1,000,000 during the year ending October 1.

PUFF



Small Boy: "I want some powder for my big sister."
Storekeeper: "You mean the kind that goes off with a bang?"
Small Boy: "Naw! The kind that goes on with a small puff."

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

COPPER FOR BALL ROOMS

With Polished Surface Makes Good Dancing Area

Speaking of copper, the encyclopedia tells you it is a metal of great antiquity. This general statement would seem to indicate indefinite data upon which to give a period of time when it first came into use. Brass, an alloy of copper, zinc, and other metals were known and used by the Romans and Greeks. They made it into stops for controlling the flow of water just as Mueller Co. does today. In the development of a modern water supply for Athens, Greece, an engineer unearthed one of these stops and in describing it he said it was much the same in appearance as a Mueller stop.

Centuries Old

That stop was centuries old, and is cited only as an evidence of the indestructibility of copper and brass. There is always ample evidence of this.

The Plumbing and Heating Magazine gives numerous incidents of the ever-lasting qualities of copper, bronze, and brass.

Brass is mentioned in Geneses, VI, 22: "And Zillah, she also bare Tubal-Cain, an instructor of every artificer in brass and iron."

The great variety of uses depending upon copper or copper alloys makes a constant demand for the metal. It is so necessary to the manufacturer of munitions that during the World War copper roofs were taken from buildings to make shells.

Old Clock Still Keeps Time

There is a brass clock made in 1419 during the time of Philip the Good of Burgundy, which still keeps good time. When made, however, it had only the hour hand.

A copper pipe removed from one of the Egyptian pyramids, 5500 years old was found to be in good condition. It was found to hold water even after so many centuries.

Eight thousand years ago Egyptians knew the art of hammering copper into utensils and weapons.

Every day 150,000 persons pass through the Grand Central Station, New York. The roof of this famous building is sheet copper, which has been in service for 25 years.

Ball Room Floor

And now a new use has been found for sheet copper—ball room floors. A London restaurant has the first one in the world.

It is said that there are enough copper telegraph lines in America to make eight complete lines to the moon.



BRIDGES AND BLATTERS

The fellow who says it cannot be done is generally wrong. It has been 76 years since Captain Eads built the bridge bearing his name across the Mississippi river at St. Louis. Men who were small boys in those days recall the doubt, ridicule and criticism made by elderly men. They laughed at the thought of bridging the Mississippi. They thought Eads was crazy and said so.

The Eads bridge is still in use. Thousands pass over it daily going from Illinois to Missouri and vice versa. The old timers said it couldn't be done, but Captain Eads proved it could.

Then again, 64 years ago the Brooklyn bridge was started and with it started the croakers anew. They said, "Men cannot work like spiders, spinning cables in the air," but men did.

Since then many marvelous engineering feats over and under water have surprised and interested the people of the world.

And then came the last wonder of engineering—the San Francisco-Oakland bridge, 11¼ miles long. No one said, "It Can't Be Done." Bridge engineers have beaten the blatters. They are out of business, especially on engineering enterprises.

That's one good American trait—we know when to head in.



THE JOLLY OLD JESTER

In the Good Old Days of romance and adventure a king's jester one day found His Majesty bending over a basin and washing his face.

In a spirit of fun the jester gave the king a resounding kick on that part of his sacred person situated directly behind his stomach.

Deeply enraged, the king ordered the immediate execution of his audacious jester. But finally consented to pardon him if he would make an apology more outrageous than the original insult.

The condemned jester reflected for a moment and then remarked: "Will Your Majesty please forgive me. I did not know it was you. I thot it was the queen."

Wisdom of the Ages

By others faults, wise men correct their own.

The mob has many heads but no brains.

Memory is the only paradise out of which we cannot be driven away. Indeed, our first parents were not to be deprived of it.

—Richter

He is well paid that is well satisfied.

There are but three classes of men—the retrograde, the stationary, and the progressive.—Seneca.

He that pelts every barking dog, must pick up a great many stones.

The failure of the mind in old age is often less the result of natural decay than of disuse. Ambition has ceased to operate, contentment brings indolence; indolence, decay of mental power, ennui, and sometimes death. Men have been known to die, literally speaking, of disease induced by intellectual vacancy.—Sir Benjamin Brodie.

The noblest vengeance is to forgive.

He that has no resources of mind, is more to be pitied than he who is in want of necessaries for the body; and to be obliged to beg our daily happiness from others, bespeaks a more lamentable poverty than that of him who begs his daily bread.—Colton.

What makes life dreary is the want of motive.

Midas longed for gold, and insulted the Olympians. He got gold, so that whatever he touched became gold, and he with his long ears was little better for it. Midas had insulted Apollo and the Gods; the gods gave him his wish, and a pair of long ears, which also were a good appendage to it. What a truth in these old fables.—Carlyle.

If all the year were playing holidays, to sport would be as tedious as to work.

We ought to be thankful to nature for having made those things which are necessary easy to be discovered, while other things that are difficult to be known, are not necessary.—Epicurus.

GETTING TO THE TOP

The higher men climb the longer their working day. And any young man with a streak of idleness in him may better make up his mind at the beginning that mediocrity will be his lot. Without immense, sustained effort he will not climb high. And even though fortune or chance were to lift him high, he would not stay there. For to keep at the top is harder almost than to get there. There are no office hours for leaders.

—Cardinal Gibbons.

When two goats met on a bridge which was too narrow to allow either to pass or return, the goat which lay down that the other might walk on it, was a finer gentleman than Lord Chesterfield.—Cecil.

And a Happy New Year to you.

• •

NEW MONTHS BUT OLD NAMES

The New Year brings us twelve new months by old names. Like a dozen of eggs, some will be good and some will be bad. There is no way of telling what sort of a break we shall get.

The months of the past have brought many strange beliefs, which are proverbially attached to certain of them. You don't have to believe them, but they are interesting in a way.

We came across them while browsing around in an old book filled with proverbs, so called, old saws but no modern instances. Here are a few of them:

"A windy March and a rainy April make a beautiful May.

February makes a bridge, and March breaks it.

A swarm of bees in May is worth a load of hay, but a swarm in July is not worth a fly.

April and May are the key to the year.

May borrows ten days from March to kill off old people.

A dripping June brings all things in tune.

When it rains in August it rains honey and wine."

Johnny, get your bucket out, your bucket out.

I'M TELLIN' YOU



The winner of the optimist's prize for 1936 is the man who believes that one person in five is a safe automobile driver.

"Peace on Earth, Good Will to Men"—including Santa Clauses. Two of them got into a fight at Detroit during the holidays—whiskers, caps, and false adornment filled the air. The trouble was that one Santa Claus encroached on the other's territory.

Doughnut sales jumped from 20 million in 1928 to 50 million in 1935. Holy smoke!

A statistical fiend furnishes information that manufacturers of one of the popular brands of cigarettes uses 4 million pounds of maple sugar each year in making their product. And here we have for years thought we were inhaling tobacco, only to find that it was maple sugar. Hereafter we shall break our cigarettes up and spread them on pancakes, where they belong.

A canner can can all the cans he can can, but he can't can more than he can can, can he?

The Fairview Hospital of Minneapolis, Minnesota, now supplies expectant fathers with sofas, cigarettes, and aspirin tablets. Baby gets a bottle, but papa appears to be compelled to furnish his own.

It takes one fortieth of an instant to wink an eye. If it takes with the winkee its liable to take you four years to explain to her that you were in fun and she accepted it seriously.

"Most people read fairy tales," opines Louis Untermeyer, the author. Yeah, and those that do not read them tell them.

Complete service to motorists in Czecho-Slovakia. Traffic signs at dangerous curves and intersections are accompanied by another sign giving directions to the nearest doctor.

T. J. Tate Wivenhoe, England, boasts he has worn the same collar button every day since 1876. Interesting indeed, but more interesting would be statistics on how many times did he go under the bed to get it.

The newspapers are tellin' us that the birth rate in the grand old U. S. A. is falling below the death rate. But they can't tell it to Papa and Mama Dione and get away with it.

One explanation of the long nights in the land of Eskimos is that a love sick Eskimo has to begin at 7 P. M. and work steadily until 4 A. M. to say to his sweetheart, "I love you." If incredulous, try to use the Eskimo equivalent for the sentence quoted. Here it is: "Univtgssaerntuinalfinajuanjuar-isiguejak."

Steve Ginsick armed with a hammer, smashed 22 plate glass windows in Peoria's business district before he had an opportunity to explain to police that "I just felt like it." We suggest to Steve that the next time he feels the urge of smashing glass that he start on the bar glasses before he fills them up.

One expert predicts that by 2035 A. D. chickens will be as big as pigs and will lay eggs big as footballs. We see where we are going to eat our two medium boiled out of a two gallon bucket, and "two over" cut in wedges.

Rex Tugwell, one of the so-called "brain trusters" of the Roosevelt first administration, has resigned and will take a position as executive in a big molasses company. Sweet job, Rex, stick to it.

The lady in Atlantic City, whose testimony that her husband preferred chickens to his child, was somewhat indefinite as to whether the chickens were the barn yard or "side walk" variety.

"A goat and a rooster had a fight. During the fight, the goat swallowed some of the rooster's feathers, and that night when the

goat was milked, his owner was surprised to see cocktails instead of milk."—Bucknell Belle Hop.

"His owner" perhaps was more surprised at getting milk from a billy goat.

A Budapest surgeon challenges eight men to duel with sabers because they said naughty things about his wife. We appreciate his fitness of things in choosing sabers, but feel it rather unfair advantages because surgeons naturally are proficient in sticking blades in people.

Christmas advertisements intrigued us. So many beautiful things to buy, including an ironing board featured among radios, pianos, fur coats, and furniture as "A Life Time Present." My, oh my, would not that make the housewife dance with joy, and throw a flat iron at your empty head?

Clarence Darrow, great lawyer, scholar, and agnostic, declares Santa Claus is a humbug. Why, Clarence, with your vast fund of knowledge, just finding out at 79 years what every child of seven knows. But he is the dearest, most adored, most lovable old humbug that ever brought happiness and good cheer to this matter-of-fact world.

HALF CENTURY OLD

The recent celebration of the 50th anniversary of the dedication of the Statue of Liberty recalls a passage of O. Henry's "The Lady Higher Up." A reproduction of a paragraph seems apropos.

"If you don't mind me asking," came the bell like tones of the Golden Diana, "I'd like to know where you got that City Hall broque. I didn't know that Liberty was necessarily Irish."

"If ye'd studied the history of art in its foreign complications, ye'd need not to ask," replied Mrs. Liberty. "If ye wasn't so light and giddy, ye'd know I was made by a Dago and presented to the American people on behalf of the French government for the purpose of welcoming Irish immigrants into the Dutch city of New York. 'Tis that I've been doing night and day ever since I was erected."

Slight Mistake

John (after first night on board ship): "I say, old chap, where have my clothes gone?"

Steward: "Where did you put them, sir?"

John: "In the little cupboard with the small glass door."

Steward: "I'm sorry, sir, but that isn't a cupboard, sir, that's a porthole."

TALK

One authority claims that talk is the greatest thing in the world. It enables one to relieve himself of words. It shows his knowledge, brings out his personality, stamps him as a man of ideas. If he is a good talker, expresses himself forcibly, he can always get an audience and if convincing, he carries his point. The authority may be right. One may be a good talker, and measure others by his own vocabulary, but we don't agree with the authority's claim. Our experience has been that there is too much talk—too much bombast and blunder, too many words falling on unheeding ears. Old Ben Johnson is pretty good authority. He said: "A fool may talk but a wise man speaks," and Cowper said, "words learned by rote, a parrot may rehearse, but talking is not always to converse." There are too many persons with a great flow of language on anything or nothing. The time to talk is when you really have something to say. Otherwise remember that silence is golden. DeQuincy speaks of it "as that delicate and honorable reserve which for the most part, restrains us from the public exposure of our own errors, and infirmities."

New Years has two handles. Be careful which one you turn. The right one will open for you the way to contentment and happiness. The other will open the way to grief, anxiety, and sorrow.

The Owens Illinois glass block business is growing. The technical name is "translucent masonry." They are used in walls, basements, etc. They are used in homes where better lighting is needed, and also in commercial buildings.

MUSICAL GURGLING



Sigma Chi: "How did Clarice enjoy her date with Joe last night?"

Sigma Alpha: "Humiliated beyond measure. When he began eating his soup, five couples got up and began dancing."

GOOD LUCK FOR NEW YEAR

Emblems and Talismans, Including Horse Shoes, Popular

At New Years time we wish all our readers good luck, which is equivalent to good fortune. However, luck is not always good. In fact, it is frequently rotten, and that's why we specify good luck to you. Luck seemingly happens by chance as it affects our interests and happiness. It is a sort of Doctor Jekyll and Mr. Hyde noun masquerading in good or evil character. For many years emblems and talismen have been jealously guarded in the belief that so long as kept unbroken luck will remain on our side. The origin of this belief or superstition dates back, so one authority says, to the ancient family of Musgrave, Edenhall, Cumberland, England.

The Hall Was Lucky

The luck of Edenhall was believed to depend upon an old painted glass goblet said to have been snatched from the faeries. Inscribed on the goblet is this couplet:

"If that glass either break or fall
Farewell the luck of Eden Hall."

It is said this goblet is still preserved. It's all right to wish good luck to visit you, but to depend upon it entirely is showing a little bit too much confidence in chance.

Shoes Are Lucky

Speaking of the Musgrave goblet of Eden Hall suggests the idea of shoes of various kinds have for many years been regarded as a dependable talisman. There is the horse-shoe, one of our most respected charms that will bring good luck. It had special powers, if a person was "lucky" enough to pick it up immediately after being cast from a horse's hoof. The luckiest horse shoes and at the same time unlucky are those worn by a winning race horse. Picking up horse-shoes has become rare these days, as the auto displaces old Dobbin.

Poets Write of Shoes

Even the poets turn to the horse shoe as lucky. John T. Field, in his "Lucky Horse Shoe" says:

"A farmer traveling with his load
Picked up a horse shoe on the road,
And nailed it fast to his barn door,
That luck might down upon him pour;
That every blessing known in life
Might crown his homestead and his wife,
And never any kind of harm
Descend upon his growing farm."

Longfellow wrote "Happy art thou, as if every day thou hadst picked up a horse-shoe."

The Canny Scot

The shoes that humans wear share honors with the horseshoe. We fling old slippers

after the bride. There was the canny Scot, who did not depend entirely upon the belief, and with commendable foresight told his friends that his bride wore No. 7's and to throw the shoes in pairs and not singly.



FLYING TRIP TO WEST COAST

Decatur Man Makes Fast Pleasure Trip In Plane

Of course, the airplane eats up miles at an astonishing pace, a fact we all know, but it is only when a concrete instance is brought to one's attention that one realizes the airplane's possibilities for rapid travel.

Such an instance was brought to our attention by a trip of H. J. Grigoleit, a successful manufacturer, of this city. Some years ago, Mr. Grigoleit established himself in Decatur as a manufacturer of Bakealite products which includes a wide variety of articles. At first he was so busy getting established that he had no time for travel. After he got going he was so busy looking after his growing business that he couldn't leave it.

From Decatur to San Francisco

Recently his brother in San Francisco insisted upon the Decatur man making a short visit at least. It was short, but a great experience. Here's how it was done.

Mr. Grigoleit climbed into his automobile in Decatur. Three hours later he had put 190 miles behind him, and was at the Chicago airport. There he took passage in a United Air Liner.

Over Night To The Coast

He left Chicago at 9 P. M. and reached San Francisco the following morning at 10 A. M. He spent the day in San Francisco, and embarked that night at 11 P. M. and landed in Chicago at 2: 30 P. M. next day. There he got his automobile, and headed south for Decatur, reaching home in time for dinner.

Back In Two Days

It was all accomplished in two days. The trip embraced 380 miles by auto driving and approximately 4000 miles flying. Mr. Grigoleit's comment was: "The trip was a very pleasant one in spite of the fact that I was traveling fast."



Astonished Mark

Mark Twain said that when he was a boy of 14 his father was so ignorant he could hardly stand to have the old man around; but when he got to be 21 he was astonished at how much the old man had learned in seven years.

THE KING AND THE DURBAR

Should His Highness Go to Indian Pageant He Will See Dazzling Display

When King of England goes to India to the forthcoming Durbar, as English kings do, he will meet up with a pageant, dazzling in its wealth and magnificence. It will make the opening night at the Metropolitan opera house look like a river front pawn broker shop.

There are some 560 princes, maharajahs, and what have you who know how to "put on the dog" and do they like to do it. They ride about on bejewelled elephants, and adorn themselves with gems of the purest rays serene and worth millions of dollars. They probably lock up or kill all stick-up men before they stage a public durbar, as such celebrations are called.

Thirty Million a Year

As an example of the fabulous wealth of these Indian potentates, the Nizam of Hyderabad serves the purpose. He rules 14,000,000 subjects and is said to be the richest man in the world. So rich that he does not know the value of his wealth. His revenue reaches the modest little sum of 30 million a year. This is sufficient to keep him in royal affluence and supply each of the two hundred wives with all the clothes they can wear.

That's one of the drawbacks of being an Indian prince. They require a whole back yard full of wives.

Ringlings Would Faint

Mizam and other maharajahs will greet the king with a show of elephants that would make the Ringlings faint with envy. These huge elephants have been trained since calhhood to take part in these pretentious state affairs. They salute by holding their trunks aloft, and crooking the end down. On their tusks are heavy gold rings. The tusks will be gilded and their toe nails will be likewise gilded, while on their foreheads will be many different painted designs.

There will be lancers, daring horsemen, nautch dancers, and soldiers.

Dance Without Using Feet

The nautch dancers will be a big attraction. They dance without moving their feet but slightly, so if you have ever been to a street fair you can guess how they dance in the far east without fear of some shocked policemen chasing them off the lot.

And in all the barbaric display and native show of gorgeous silks, jewels, with the panoply of pride, we are sorry for any king,

who will doubtless feel out of place with his crown composed of only 6,170 diamonds, emeralds, and sapphires, and a robe lined with white ermine. He will be in the boat with the fellow who goes to a dinner in a sack coat when everybody else is in correct dinner attire.

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READY TO FIGHT

In spite of peace protestations, various countries of the world are in pretty fair shape to battle, according to figures recently released by the League of Nations, which finds:

"Throughout the world 8,200,000 men are permanently under arms. Of this number 545,000 are attached to navies.

"Under arms immediately prior to outbreak of the world war were 5,900,000, exclusive of naval units.

"Since 1931-32 world armies have been increased by 1,700,000 men. In Europe total armed forces are 4,800,000, as compared with 3,600,000 in 1931-32.

"The figures released by the league include only admitted permanent armed forces and not so-called parliamentary or semi-permanent military organizations, such as Germany's 'labor units'."

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Too Much Money

The town of Fountain Inn, S. C. has too much money and the people don't know what to do with it. There is a municipal surplus of \$10,000 and the water commissioners have a surplus of \$7,000. Apparently there is nothing else the town needs at present, and an election has been called to determine disposition of the surplus.

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NOTES AND NUTS



Landlady: "If you don't stop playing that saxophone, you'll drive me crazy."
The Pest: "Ha, ha! You're crazy already. I stopped playing an hour ago."

OUR 12 GREAT INVENTORS

Before Selected, a New York Editor Shows Their Ideas Not Original

The past November completed the 100th anniversary of the United States patent system. In that one hundred years inventors have proved a mighty factor in the unparalleled progress of the country from ox teams to airplanes. At Washington, D. C., on the evening of November 23, a banquet was held and was attended by more than 100 distinguished scientists and inventors. Charles F. Kettering, inventor of the automobile self-starter, and other automotive devices, was chairman of the committee in charge and filled the post of toastmaster.

America's Twelve Greatest

One interesting feature was a radio voice from a transport plane announcing the names of America's twelve greatest inventors, as follows:

1. Robert Fulton, steamboat.
2. Eli Whitney, cotton gin.
3. Samuel F. B. Morse, telegraph.
4. Charles Goodyear, vulcanized rubber.
5. Cyrus Hall McCormick, reaping machine.
6. Elias Howe, sewing machine.
7. George Westinghouse, air brakes.
8. Alexander Graham Bell, telephone.
9. Thomas A. Edison, electric lamp, phonograph, moving pictures, etc.
10. Otto Mergenthaler, linotype.
11. Charles Martin Hall, process for cheap aluminum.
12. Wilbur Wright and Orville Wright, airplane.

These names were chosen by a secret committee.

Editor Gives Upset

Before this list was announced, there appeared in the Readers' Digest an article by Waldemar Kaempffert, science editor of the New York Times, which practically upsets the entire list of American inventors as selected by the committee. Mr. Kaempffert is the author of a "Popular History of American Invention."

In the Readers' Digest, he begins by pointing out that Fulton was not the inventor of the steamboat in 1807. That honor is given to William Symington, an Englishman, who had a paddle wheel steam boat in successful operation as early as 1787.

Automobile Not New

The automobile is not American. Isaac de Rivaz, a Swiss, had a gas driven car in 1807. In a Vienna museum is shown Sigmund Marcus' gas driven car which was in operation in 1875, until police stopped it because of its noise. Four wheel brakes were

used on the English Argyll car in 1910 and a Frenchman, Dubonnet, discovered the knee action principle in 1932.

Dim's Morse's Fame

Credit for the bicycle is given to England back in 1880, and Von Sommering was telegraphing electrically in 1809, twenty-eight years before Morse was recognized as the inventor of telegraph in the United States. The electric incandescent light, so says the Times editor, was simultaneously produced in England, when Edison brought it forth in this country.

Reaper and Sewing Machine

McCormick's reaper in 1833 was preceded in Scotland in 1794 by the Samon reaper. The invention of the sewing machine by Elias Howe in 1846 was not the first. A Frenchman named Thimonnier had produced a good sewing machine about 1830. It was so good in fact that Parisian workmen broke it up.

When one finishes Editor Kaempffert's article, one wonders how Americans have so long deluded themselves in the belief that the U. S. had brains and inventive genius leading all other nations.

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CAN SUCH THINGS BE?

And Overcome Us Like a Summer Cloud Without Our Wonder

The female of the specie is in the ascendancy if we are to believe news items appearing in newspapers.

Example: Women strikers, Munden, Louisiana, stopped a train, beat up the engineer, tore the clothing from a railroad official and chased the train crew into the woods.

Utah's home economics supervisor made a survey of high schools and colleges. She found: Enrollment of men in domestic science classes is increasing, one third of Utah high schools offer home-making courses for boys.

From Baltimore comes a story of the formation of Doghouse, Inc., a nation wide system of clubs or hide outs. These are refuges for husbands who get in Dutch with the "Mrs." They are becoming plentiful. Instead of the wife running home to mama, the husband takes the air.

"Yep, times ain't what they used to be forty years ago."

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Sam, your brother's hair isn't anything like yours. It's fiery red, and yours is black. That seems peculiar, doesn't it?

No—you see, my brother was born after my mother had her hair dyed.

SATIRIST SAXE

Poked Fun At The Fashionables of Grecian Bend Days

The years may come and the years may go, but Dame Fashion goes on forever. Sometimes we are amused or amazed by her freakish follies, and wonder if the world ever saw anything more ridiculous than fashions of more recent years as they affect both male and female. From the day when Eve introduced the fig leaf, it has been a case of "on again, off again." Fashions don't change so much as they really go around in circles.

Grecian Bend Days

Going back to the period of 1850, the fashions were ridiculed as much as they are today. John G. Saxe, poet, punster, rhymster, lawyer, and satirist, poked no end of fun and scorn at both men and women who were slaves to fashion. He was a widely read poet in his day, but not so well known now. One of his poems, "Progress, A Satire," took a whimsical fling at the ladies. The verse taken from that poem is interesting, and as applicable today as it was in the hoop-skirt and Grecian Bend of the 1850 period.

"In closest girdle, O reluctant Muse,
In scantiest skirts, and lightest-stepping shoes,

Prepare to follow Fashion's gay advance,
And thread the mazes of the motley dance,
And marking well each momentary hue,
And transient form, that meets the wondering view,

In kindred colors, gentle Muse, essay
Her Protean phases fitly to portray.
Today, she slowly drags a cumbrous trail,
And 'Tom' rejoices in its length of tail;
Tomorrow, changing her capricious sport,
She trims her flounces just as much too short;

Today, right jauntily, a hat she wears
That scarce affords a shelter to her ears;
Tomorrow, haply, searching long in vain,
You spy her feature down a Leghorn laue;
Today, she glides along with queenly grace,

Tomorrow, ambles in a mincing pace;
Today, erect, she loves a martial air,
And envious train-bands emulate the fair;
Tomorrow, changing as her whim may serve,
'She stoops to conquer' in a 'Grecian curve.'

Today, with careful negligence arrayed,
In scanty folds of woven zephyrs made,
She moves like Dian in her woody bowers;
Or Flora floating o'er a bed of flowers;
Tomorrow, laden with a motley freight
Of startling bulk and formidable weight,
She waddles forth, ambitious to amaze
The vulgar crowd, who giggle as they gaze!"

FACING THE NEW YEAR

There are two essentials to secure from the New Year that which is coming to us— one is courage and the other is hope. If we have not the courage to face what the New Year holds, we might as well admit that our chances of happiness and success are nil. The quality of courage we think of is not blindly overlooking danger, or the possibility of danger, but by sensing it, seeing it, and conquering it. That's the kind of courage that counts—keeps the senses quiet and the understanding clear, which puts us in condition to receive true intelligence, make computations upon danger and pronounce rightly upon that which threatens us. Most men have more courage than even they themselves think they have. It's this lack of realization which makes so many afraid to venture. True courage is cool and calm, mixed with circumspection, which distinguishes the courage of the wise from the hardness of the rash and foolish.

Hope is an ally of courage, which it exalts. It is a reflection of one's self, but don't deceive yourself by hoping for the unreasonable and impossible. Disappointment will surely be the price you pay for doing so. Hope without courage to support it, and an effort to realize it through patience and industry will prove a will o' the wisp. With these two qualities of heart and mind, one has little to fear from the future.

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SUCCEEDS W. C. HEINRICHS

Friends and patrons in the St. Louis-Kansas City territory are invited to take a peep at this hustling salesman, Robert Whitehead. See group picture of salesmen, pages 16-17. He has been with the company in a selling capacity for 17 years. His territory has been in Minnesota and adjacent states, where he was successful as a result of his close attention to the interests of both company and patrons. He goes into the new territory as successor to the late W. C. Heinrichs, and with his wife and little daughter will make his home and headquarters in St. Louis.

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Stutterers Not Stupid

Tests of more than 7,000 school children at Columbia University have shown that a stutterer is the intellectual equal of a normal child, that his vocabulary is as good and usually that he is physically superior.

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Devil's Picture Books

Many nations claim the invention of playing cards (the devil's picture books, as seventeenth century Puritans style them) but it is now generally believed that they came from Asia and probably from China.

PLUMBERS MEET IN MAY

Annual Convention Will Be Held in Atlantic City

The fifty-fifth annual convention and exposition of the National Association of Master Plumbers will be held in Atlantic City May 24-27, 1937. President George H. Werner recently issued the call for this important gathering. The hotels Ambassador and Ritz-Carlton have been designated as the official hotels. Some 1,224 rooms have been reserved. Other hotels will be supplemented and designated later. The convention and exposition will be held in the Atlantic City Auditorium, which is one of the largest in the country. In so far as possible, activities will center in this great building. So far only preliminary arrangements as noted above, leaving detail plans to be worked out later.

Plumbing Notes

The United States Department of Agriculture made a survey of 300 United States counties asking the housewives what improvement they most deserved. Running water in the house was first choice.

There are 300,000 persons living in trailers, and they increase the hazard of unsanitary conditions. These conditions in toilet rooms are already a menace to health. In many parks and vacant space where the trailer people stop there is inadequate public comfort arrangements, a scarcity of water and all to frequently impure water. This popularity of the trailer adds another vexing problem which calls for satisfactory solution.

INVENTS GAMES

A Mr. George Parker was a recent New York visitor, stamped by Odd McIntyre as the dean of game inventors. Christmas time is a happy occasion for presenting games to the small folk or frequently to the older ones. They change constantly. It is said that the average life of a game is about two years. Men who invent games must therefore be wide awake and busy. Occasionally they play a return engagement, as ping pong did. It had a big run in the early nineties and came back in 1929, and is still popular in places.

Maybe It Was Closed Season, Too

Rastus' lawyer was informing him on the legal status of his matrimonial relationship and his chances for a divorce.

"Mistuh Johnson I had discovered I can get yo' divorce on the grounds that yo' marriage ain't legal on account of her father—he didn't have no license to carry a gun."

ILLINOIS HISTORIC HOUSE

One Built of Chopped Straw and Mud Still Standing

There are many historic buildings in Illinois, and among them none more interesting from architectural standpoint than the home of Julius Albright at Glencoe. This house was built of chopped straw and mud.

This in itself may not be unusual. Similar houses have been built since the earliest days of architecture, but it is notable because of the fact that reduced circumstances and necessity cause reversion to material at hand and to simplicity of construction. This house was built in 1865 by Julius Albright and August Hohlfelder. Both were of German descent, and the method they used was common in the section of Germany from which they came. Clay from nearby fields at Glencoe was mixed with rye straw and oxen trampled this combination into a pulpy mass which was shoveled on to the cobble stone foundation and smoothed out with a wooden trowel. After the walls had been completed and dried, windows and doors were cut in the house and sash and door frames fitted in. It is noted that the roof had a steep pitch with wide over-hanging eaves which not only gives a picturesque appearance, but protects the walls from weather damage.

PROTECT YOUR HEALTH

Cold weather is coming. Needless exposure is foolish. Don't try to show how much cold you can stand. In the summer time you dress lightly to avoid the heat. In winter you should reverse the program and put on more clothes to keep warm. Generally, winter is regarded as a greater menace to health than summer. Under the heading "Healthful Living," Dr. S. E. Bilik, writing in Scribner's, says that in stepping from a warm building into the cold outdoors to breathe deeply through your nose and hold your breath, and to keep your mouth shut and do not talk until your body adjusts itself to the sudden change in temperature. The deep breath through the nostrils serves to drive the blood to the surface of the body, preventing sudden chill. It's a good idea to breathe through the nostrils at all times—that's what they are for.

The Journal of the American Medical Association gives a bit of advice concerning persons who are too sensitive to cold. They can protect themselves by cultivating immunity. The patient immerses a hand in water chilled to 50° Fahrenheit one or two minutes a day for from three to four weeks. This gives systematic or general desensitization.

IN THE WATER WORKS FIELD

Newest and One of the Smallest Illinois Plants Is Modern

In the water works division of the Illinois Municipal Review, Editor Clarence W. Klassen, chief Sanitary Engineer State Department of Public Health, Springfield, Illinois, tells us that the newest water treatment plant in this state, and one of the smallest, is located at Grafton, Jersey county. It serves a population of 1,026. This new plant is located at the junction of two great rivers, the Mississippi and the Illinois. They are the source of supply and treatment is provided in a modern purification plant. The capacity is only 240,000 gallons per day. The purification processes include coagulation, sedimentation, filtration, and sterilization with chlorine in addition to having facilities for feeding activated carbon to control any objectionable tastes and odors. This is quite a big step for so small a town.

Editor Klassen gives a picture of drouth conditions in September, which brought hardship and suffering to many communities.

"As a result of drouth, on September 22 the water supply failed completely at Carlinville, Ill., and continuous pressure was not resumed until September 29. The seriousness of the condition can be realized when we picture a modern community of 4,000 suddenly without water for drinking and domestic use and all plumbing and toilet fixtures out of service. During these days with the public water supply not available the citizens relied upon cisterns and old abandoned wells to furnish their supply for drinking and other purposes. Engineers from the State Department of Health supervised the sterilization of over sixty emergency sources of water throughout the city during this period and kept a check on the quality of water in the tank trucks which was shipped in."

DEATH OF J. C. GROBLE

A telegram from Anderson, Indiana, Wednesday, December 30, announced the death of Jacob C. Groble, father of W. C. Groble, of this company. Mr. Groble was widely known in the gas industry by reason of his line of gas regulating devices which was taken over by the Mueller Co. about three years ago.

The Start and Stop

New Typist (following rapid dictation)—
"Now, Mr. Jones, what did you say between 'Dear Sir' and 'Sincerely yours'?"

NICKNAMES

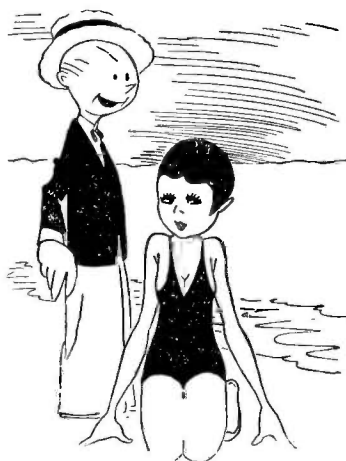
The Heaviest Stone The Devil Casts At Mankind

Nicknames are of the devil's making. The only way we ever got away from ours was by moving from our birthplace. It was a great nickname, too,—sort of Chinese smell to it—"One Lung." Unsympathetic small companions of devilish development devised the name following a serious surgical operation. Another boy in the same town suffered the loss of a toe and ever after he was known as "Four Toe." He grew to manhood and died with that name clinging to him. His brother, ornamented with a nose of unusual size, went through life with the offensive name of "Nosey."

Nicknames come in for considerable attention from writers. One characterizes them as the heaviest stone the devil can throw at a man. They are something hard to get away from or live down. A bad name may be turned to a good one or outlived but a nickname lasts forever. They just simply stick to inoffensive suffering victim, and the more ridiculous they are the more adhesive they are. There are some who are unaffected by a nickname, but the majority of men prefer to be known by their name and initials. In fact, they are very jealous of their names.

Let none falter who thinks he is right. All things come to the other fellow if you sit down and wait.

TWO BITS



Bather: "Hey! Why do you follow me every place I go? Did you never see any one like me before?"

Shaver: "Yes, but I had to pay a quarter."

MUELLER CHRISTMAS FESTIVITIES

The outstanding feature of the Mueller Christmas activities was the general meeting on Tuesday, December 15, following the quitting whistle at 4 P. M. The entire day force assembled in the gymnasium where seats had been arranged for nearly 800 persons. The air was surcharged with expectancy. There was a feeling that something pleasant and agreeable was going to happen. It did, and "glory, glory how the old gym rang, glory, glory how those workers sang," when Adolph Mueller made announcement of a bonus to be paid all workers, a special Christmas check to all who had been in the employ of the company for more than one year, a similar check to those who had been with the company for less than a year, a bonus on earnings from August 1 to December 1, a substantial increase in wages dating from December 1, and finally a Christmas present of a ham and a side of bacon for each and every one in our organization.

Wasn't that some Christmas? And members of the company as happy and smiling as donors as were the employes as recipients.

The exercises were opened by Robert Mueller with a brief address of welcome in which he spoke of the pleasant relations that have always existed between the company and its employes.

Adolph Mueller spoke at some length on business conditions and company policies, interspersing his remarks with bits of humor. He said, "Now, men, when you go home from this meeting, show your good wife your bonus and special Christmas check. Make her feel good at this time, and just to show our impartiality, I'll say to any of the married girls here, you do likewise by showing your checks to your husband."

In the course of his remarks, he said that Mueller Co. had always believed that the right plan for a company was to take employes into its confidence regarding business and policy. It is far better that we should have a mutual understanding of problems to be faced, and conditions to be met. There was great cheering and hand clapping when he finished.

The bonus given made the third of the year, the first being on May 1, and the second on August 1. The plan followed in Decatur also applied to the New York division and the Pacific Coast factory at Los Angeles. The total of these bonuses was \$113,455.

Following this happy occasion cash prizes were awarded to winners of the suggestion contest and service emblems were awarded.

New York, Sarnia, and Chattanooga participated in this Christmas cheer. President

Adolph Mueller made a trip to the east and while there distributed bonus checks to those connected with the New York division. From there he went to Sarnia, where our Canadian plant is located, and attended the Christmas meeting, distributing suggestion awards, bonus checks, and service emblems.

On his way south, he stopped over in Chattanooga for a meeting of the Columbian Iron Works (Division of the Mueller Co.) employes, where he likewise distributed bonus checks. Of course, the usual ham and bacon were given to all employes at these different points.

And the editor of this house organ is saying on his own initiative, that Mueller employes don't have to sing, "Happy Days Are Here Again," because all days are happy ones in this organization.

This statement is based on our experience of thirty years of close association with company members and employes.

CHILDREN'S PARTY

Little Folks Had an Afternoon of Fun in Gymnasium

Mueller Christmas festivities began on Saturday, December 12, with the children's Christmas party at the gymnasium. A beautiful late autumn day helped the attendance. There were seats for 710 persons, and many stood up. By actual count there were 650 children present. At either corner of the stage was a large Christmas tree gorgeously decorated and further enhanced by sparkling electric lights of many colors. The program consisted of the following:

Music.

Address of Welcome—Robert Mueller.

Story of Christmas—Rev. W. F. Obermeyer.

Arrival of Santa Claus, who led the singing of Christmas Carols.

Musical Comedy Sketch—Bob Thompson and Cliff Morrow.

Moving pictures of Mueller Picnic, August 8.

Animal Dance—Art Metzger as giraffe and elephant.

Moving Pictures:

"Santa Claus' Workshop."

"Pop-Eye, the Sailor Man."

"Betty Boop."

Two reel comedy.

Then came the treat of oranges and candy. It was a great afternoon for the little folks, one of the best parties we have ever held.

As usual, Edward Larrick acted as Santa Claus and led in the singing of Christmas songs.

SERVICE EMBLEM AWARDS

Annual Distribution Made During Holiday Season

At our annual picnic in August, 1918, the company instituted the gift of a gold service pin to all employes completing 20 years service. In August, 1924, this recognition was enlarged to include all employes from 5 years up to 50 years service. Three men have won the 50 year emblem, Adolph Mueller, Robert Mueller, and Frank Zetterlind, recently deceased. Some other veterans in the service are: W. H. Campbell, and Barney Marty, 45 years; Louis Schario, 40 years; Louis Dodwell, James P. Thorpe, Louis Fagan, Charles Laughlin, U. S. Friend, John Kush, August Schudziara, Louis Wallenbrock, and W. B. Ford, 35 years.

The complete list of awards for 1936 follows:

FIVE YEARS

Continuous	Broken
Karl Brimm	Earl Tague
Virgil Morrison	Robert W. Lusk
Theodosia Porter	Helen Waddell
	H. Raymond Sarver
	Sales—R. K. Levey

TEN YEARS

O. L. Mills	Don Andrews
Ethel Fogel	Chas. Portee
W. H. Moats	Joe Wall
O. Fortschneider	Carl Buckwald
Ida Workman	Harvey Washburn
Don W. Ferry	Halden Hanson
Walter Bowan	Ray E. Collins
Ina Grubbs	John T. Curry
Claude T. Smith	Wm. T. Severe
Paul W. Brown	Geo. C. Henne
W. E. Corley	Norman Poole
Cecil E. Smith	Chester Mercer
Geo. A. Hill	A. M. Bauer
Frank H. Burk	Floyd E. Moore
H. B. Whittington	C. C. Reidelberger
H. J. Linton	Hugh Kerwood
Chas. H. Hill	Harry Granfield
Alva Moats	Melvin Cheney
Mary McMahon	Mervill Curry

FIFTEEN YEARS

Continuous	Broken
A. L. Bashore	M. H. Stratman
Chas. E. Cochran	F. A. March
Henry Leipski	
Chas. Gilmore	
John C. Gray	
Dorothea Hill	
Cecil D. Kelley	
Paul L. Hines	
Fred Weiden	

TWENTY YEARS

Continuous	Broken
Fred Galka	Laura Becker
Sales—J. P. Stenner	O. C. Schooley
	F. E. Taylor

TWENTY-FIVE YEARS

Continuous
O. J. Hawkins
Chas. C. Bailey
Wm. Griffiths

THIRTY YEARS

Continuous	Broken
Jas. P. Thorpe	Roy B. Pease
C. N. Wagenseller	G. W. Patterson
Wm. Hopf	
Sales—R. E. Kirchner	

THIRTY-FIVE YEARS

Continuous	Broken
Louis Dodwell	Jas. P. Thorpe

FORTY YEARS

Broken
Louis Schario

THIRTY-FIVE YEARS SPECIAL

There has been no 35-year emblem in the past. One has been designed and issued this year for the first time. It was presented to those who had in the past completed 35 years of service. They are:

Louis Fagan	Aug. Schudziara
Chas. Laughlin	L. Wallenbrock
U. S. Friend	Sales—W. B. Ford
John Kush	



UMBRELLA TAKES IT ON CHIN

Among other things that takes it on the chin as a result of automobiles is the umbrella industry. Beginning a way back to the days when the umbrella was a clumsy affair affording meager protection to the high priced silk affair of recent days, an umbrella has been considered necessary equipment for men and women. The umbrella business was always good. There was a constant demand due to forgetfulness of owners who left umbrellas wherever they happened to put them down, and the forgetfulness of those who borrowed umbrellas and failed to return them.

Now days people buy automobiles instead of umbrellas. They cost more but one is not so apt to forget where he leaves his machine, neither is he inclined to loan it. However drivers do forget where they parked their cars but can generally locate them with the aid of a policeman, who permits the owner to drive away provided his tongue is not thick and his knees weak.

One authority says the umbrella industry's annual volume has fallen off twenty million dollars.

Newsboys crying the Los Angeles Times at night wear individual Neon signs.

Printer's Ink says that despite February's shortness and two holidays it is the best month in the year for direct advertising.

MUELLER SALESMEN COME IN FO



Back row, left to right: O. J. Hawkins, Gas Division Sales Department; Wm. Groble, Engineer; T. E. Gaither, Marion, Ohio; Harold A. Probst, Syracuse, N. Y.; T. A. Larry, Engineer; Geo. W. White, Decatur, Illinois; Floyd V. Johnson, Nashville, Tennessee; W. L. DeWitt, Dallas, Texas; Geo. H. Hofmann, San Antonio, Texas; Harry V. Seevers, Lincoln, Nebraska; O. C. Keil, Comptroller; Paul L. Hines, Dan R. Gannon, Jr., Denver, Colorado; W. F. Aaron, Grand Rapids, Michigan; Geo. F. Sullivan, Milwaukee, Wisconsin; Leroy J. Evans, Philadelphia, Pa.

Center row, left to right: O. Wells, Secretary of Company and Levey, Chicago, Illinois; Fred K. Jacka, Chattanooga, Tennessee; R. Bert F. Kitchen, Jacksonville, Fla. Illinois; John P. Stenner, New York, Massachusetts; M. E. Henderson,

The local organization enjoyed a visit from the Mueller salesmen of the New York, Decatur, and Chattanooga territories following Thanksgiving. The salesmen were all here Saturday, November 28. They were quartered at Mueller Lodge, and they had a genuine reunion Saturday evening and all day Sunday. At noon Sunday they sat down at a long table in the glass enclosed dining room overlooking Lake Decatur. An old fashioned turkey dinner was served. During the afternoon home members of the organization called at the Lodge and met the salesmen. Apples, doughnuts, and sweet cider were served. A feature of the afternoon was the taking of a moving picture on the lawn, with sunshine and temperature suggestive of early autumn as well as indoor scenes. The reel was shown to the salesmen and others at the Lodge on Tuesday, the 30th. During the two and one-half succeeding days business sessions were held

in the gymnasium. Plant engineers were in attendance to answer questions and explain new products.

Monday evening the company served a buffet supper in the cafeteria with all the salesmen present and several hundred of the home employees. This was followed by a dance in the gymnasium with Lee Homebrook's crack orchestra furnishing music. Several more reels of moving pictures were taken.

Another Moving Picture

Sorry we can't show readers the moving pictures of this dance. How we should like to have you see sedate George F. Sullivan, Milwaukee, doing the two-step, tango, and what have you. As the writer watched him and remembered that this is Mr. Pickwick's centenary, he recalled the pictures of that good old soul and could not resist a comparison of George with Dicken's celebrated character. Or if Dick Kirchner's Baltimore

FOR BUSINESS AND A GOOD TIME



H. Sharlock, Pittsburg, Pa.; J. W. Assistant to President; Robert K. Schwitz, Newark, N. J.; Paul G. T. Whitehead, St. Louis, Mo.; Florida; Frank T. O'Dell, Chicago, Ark; James J. Payton, Arlington, Chattanooga, Tennessee.

Front row, left to right: C. E. Lincoln, Indianapolis, Indiana; W. B. Ford, Birmingham, Alabama; Frank H. Mueller, Engineer; Robert H. Mueller, Chief Engineer; Adolph Mueller, President and General Manager; Robert Mueller, Vice-President in Charge of Public Relations; W. E. Mueller, Executive Vice-President and Treasurer; J. W. Simpson, Vice-President in Charge of Selling; R. E. Kirchner, Baltimore, Maryland.

friends could have seen him improvise steps no matter what the dance, they surely would have wondered at his rhythm and activity. Then there was Orville Hawkins, of the gas division, who was the feature of the square dances. He did not confine dancing to nice mincing steps with his feet, but generously threw his entire anatomy into the effort, giving a faithful reproduction of the merry abandonment of an old time dance.

All Caught the Spirit

And these above three participants are not selected for ridicule, but as illustrations of how all the salesmen caught the spirit of a good time and helped make it an occasion of real enjoyment.

The salesmen left Wednesday, December 1, for their different territories, carrying with them many pleasant memories of their visit to Decatur.

AN 11¼ MILE BRIDGE

For several weeks automobiles have been traveling over the gigantic bridge connecting San Francisco and Oakland. This bridge is 11¼ miles in length. Its cost has been \$77,200,000. It is expected to handle 12,500,000 auto passengers and 42,500,000 suburban passengers a year. In building this gigantic bridge 1157 persons were injured and 24 lives lost. The builders finally placed a net costing \$80,000 beneath the bridge floor for catching workmen who missed their footing and fell. Some lives were saved in this way.

At Christmas

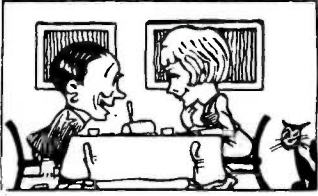
The street vendor was plying his trade on a busy corner, selling Christmas trees, when the lady approached:

"Buy a Christmas tree, lady, buy a tree and make the kiddies happy."

"Sir! I have no children."

"My mistake, lady, buy some nice mistletoe"

Newly Weds



You'll Like It

Newly: "What is this lump in the cake?"

Wed: "Dearest, it's cottage pudding and that must be the foundation."

Plenty of Eats

She (back from a honeymoon in Switzerland): "Don't you remember that wonderful gorge in the Alps, dear?"

He: "Sure do; it was the squarest meal I ever had."—Hamilton Royal Gaboon.

Wife: "Paul, this suit is very shabby. May I give it away?"

Husband: "Heavens, no! That is the suit I wear when I go to protest my tax assessment."

They sat at the table, he and she, and gazed into each other's eyes, what time he mechanically consumed the food which was set before him.

"Ah," she said, "I'm glad you like it. Mother says that there are only two things I can make properly—potato salad and marmalade tart."

"Indeed?" said he. "And which is this?"

Usher (at wedding): "Are you related to the bride or groom, sir?"

Stranger: "No."

Usher: "Then what interest have you in the ceremony?"

Stranger: "I'm the defeated candidate."

George: "Now that you're married I suppose you'll take out a life insurance policy."

Edward: "Oh, no, I don't think she's dangerous."

Frank: "Is your wife still trying to keep up with the Remingtons?"

Jerry: "Heck, no. The Remingtons had triplets last week."

"When my wife needs money she calls me handsome."

Handsome?"

"Yeah; handsome over."

"Is Jones musical?"

"I should say he is: When he's out, he blows his own trumpet; and at home he plays second fiddle."

Smith: "Awfully sorry I couldn't come to lunch with you as I promised. Circumstances, over which I have no control, kept me away."

Brown: "That's quite all right, old chap. By the way, how is your wife?"

Mrs. Wyffe: "You simply cannot find a maid who is honest. The last one left suddenly with nine of my very best towels."

Mrs. Clyffe: "What kind were they?"

Mrs. Wyffe: "They were those hotel towels I brought back from the summer resort."

Keep Him at Home—And Abed

Wife: "I've bought you a book that will keep you home nights."

Hubby: "What is it?"

Wife: "A book of new cocktail recipes."

WINTER CARE OF PLUMBING

Plumbing and Heating Industries Bureau Gives Advice

If your memory is clicking with healthy regularity, you will recall the severe cold of last winter and the damage it caused plumbing, with consequent inconvenience and expense to home owners. Those who do remember are asking plumbers what precautions they should take this winter to forestall a repetition of the annoying trouble. The Plumbing and Heating Industries Bureau points out that

"Freezing is most likely to occur in the pipes which run along an outside wall. This hazard should be corrected by re-location of the pipes. If this is impractical, thorough insulation with from two and one-half to three inches of good pipe covering is the only safeguard.

"Pipe lines which lead to lawn faucets outside should be equipped with stop and waste valves so that the water may be shut off and the pipe thoroughly drained.

"Should any of the piping freeze, the work of thawing it should not be entrusted to a handy-man. It should be done under the supervision of an experienced master plumber. Blow torches or other methods involving open flames are extremely dangerous. They not only involve fire hazards but also permit the generation of high pressures which may cause explosions."

NEW PLAN for AUTO SAFETY

Education Supplants "Scare" or "Horror" Stories

The University of Illinois is demonstrating practical accident prevention. The plan requires insurance and mechanical inspection of all student operated automobiles and the licensing and physical examination of all their drivers. The thought behind the plan is education rather than "scare" or "horror stories". Every student driver must have a permit. Insurance of \$1,000 property damage and \$5,000 public liability is necessary. Driving tests at the University health service include vision, hearing, and nervous reaction. Only about 750 permits are granted to students. These go to students living either in Urbana and Champaign, nearby towns or to those who can prove the need of an automobile.

Prof. Wiley recently told the twenty-fifth national safety congress and exposition at Atlantic City that many safety campaigns are "too much like the old time preacher who promised hell fire and damnation to sinners, but never defined the sins or pointed the way to salvation."

The Nash company claim that sales of Nash and Lafayette cars is double that of last year—greater than any November since 1928. Buick reports sales 34 per cent ahead of last year.

There are 27 states that have no effective laws controlling drivers.

In Illinois an automobile driver's license is not required. However, the legislature now in session is expected to pass one.

A survey of automobiles in 42 states shows 75 per cent of cars have some defect.

In addition to state tax, personal property tax, license plate, the owner of an automobile is taxed either directly or indirectly as follows, according to a writer in the Chicago Tribune:

Gasoline tax, per gallon, 1 cent \$177,339,587 collected.

Tires, per pound, 2½ cents, \$26,432,364.

Inner tubes, per pound, 4 cents, \$5,776,618.

Parts and accessories for automobiles and motorcycles, 2 per cent, \$7,110,188.

Automobile truck chassis and bodies, 2 per cent, \$7,000,281.

Other automobile chassis and bodies, etc., 3 per cent, \$48,200,855.

Lubrication oils, per gallon, 4 cents, \$27,102,831.

Automobile authorities say the most dangerous drivers are persons under 30 years of age.

Twenty-six states now require safety glass in automobiles.

HOLIDAY HANG-OVERS

Three o'clock in the morning. Nervous gentleman pacing sidewalk. "What are you doing here?" snarled the copper. "Forgot my key, officer, and am just waiting for the children to come home and let me in."

"When did I get this horrible necktie, you ask? Why, dear, you gave it to me last Christmas. It took me a year to get up nerve enough to wear it. Oh, yes, I'm a brute."

"Well, here's the lodge secret you have always wanted to know. I paid my dues so you don't get any money for Christmas."

The night before Christmas and all through the house, there something doing. man and wife quarreled. Repentant next morning, he queried in honeyed tones: "What's for breakfast, darling?" The unrepentant yelled back: "Rats," and this snappy comeback, "All right, dear, cook one for yourself and fry me an egg." That's where opposing forces lined up and commenced throwing the dishes.

Take care of the pennies, and the government taxes will take care of the dollars.

There's one thing about golf—no matter how well you play, you always end up in the hole.

STUFFED



Sitting: "That was a pretty bill fold your wife gave you for Christmas. Was there anything in it?"

Standing: "Yes, the bill for the bill fold, and some ten or twelve others."

DEFENSE of DECAMERONE

The Unexpurgated Work Not So Smelly as Some Modern Novels

The other day we came across what purported to be an unexpurgated copy of Boccaccio's Decamerone, and confess to a dirty minded, sneaking desire to read it, that is to say, reread it. In early life we got a tremendous kick from its racy pages. The odor still clings to our fingers. At that time the Decamerone was considered a classic by connoisseurs, was on the shelves of the public library intact and unexpurgated. It was in constant demand by young folk in their teens, who in some way obtained a clue to its salacious character.

Board Did Not Know

The baker, the butcher, and the street car conductor constituting the library board in the small town didn't know whether Boccaccio was a kind of cheese or whether his Decamerone was a treatise on astronomy or transmigration. That, however, made little difference. The members of the board may have been lacking in literary culture, but their hearing was acute and they quickly sensed the situation when the rumble and roar of parental objection and criticism came rolling in on the evening breeze.

Librarian Job

The Decamerone was doomed. The maiden lady filling the post of librarian was directed to dispose of the objectionable volume, which she did. With a clothes pin on her nose, scoop shovel in her hands, and her clothing thoroughly disinfected, she carried the book to the furnace and threw it in. Goodbye Decamerone.

Odorless and Colorless

The "unexpurgated" copy which we picked up was odorless and colorless, and was quickly laid aside with much pleasure. Instead we picked up a modern novel of a class now obtainable in almost any dry goods or drug store. We smelled it and recognized an odor akin to the Decamerone, only much more vile. We tried to read it. Two or three chapters were sufficient to make one wonder why any one at any time could object to Boccaccio's classic. The type of modern novels referred to lack the adroit and artistic sprightliness of the Decamerone, which must be considered as a part of the period in which it was written.

Reflects The Period

At that time many words, now objectionable in polite society as being coarse or vulgar, were in common usage. The Decamerone was doubtless a reflection of the people

of that period. Though a majority of the tales are immoral, their treatment by Boccaccio was not coarse or obscene, which is more than can be said of the novels which are in quite common circulation today.

IMPORTANCE OF PAPER

Should Be Carefully Selected For Records To Be Preserved

One sees so much of paper that its importance is lost sight of. Every Sunday millions of people pick up a couple of pounds of newspaper, throw away some twenty-four ounces of it and retain about eight ounces. This eight ounces then gets a cursory reading by the big majority, and studious attention by the minority. Newspapers are printed on paper made of wood pulp and chemicals. It is not enduring. Paper that will stand the ravages of time must have a large rag content.

Printed On Rag Sheet

Several years ago one of the great newspaper publishers realized that wood pulp paper was not enduring, and to protect his own files and the public library files he had a good rag sheet made for this special purpose. Since then a certain number of his journal is printed each day on a rag sheet. The average publisher could not run his edition on a rag sheet. The expense would be almost prohibitive.

Importance In Business

In business there is nothing of greater importance than paper. If it is to be used for temporary purposes, that is to last a few years, a cheap wood sheet will answer, but if its purpose is to maintain a durable sheet to last for years, careful consideration should be given to quality and not to price.

A Good Comparison

William Bond Wheelwright in a recent article showed this illuminating and eloquent illustrations of the fore-going thoughts. One was a book printed within forty years. It is in advanced stages of disintegration. The paper crumbles at touch. Then there is an illustration of the Gutenberg bible printed in 1436 on paper as perfect today as when printed and bound.

Mueller Record has nothing to do with the business of making or selling paper, but it is read by business and professional men, and the writer thinks that the information given in this brief article will prove interesting and perhaps instructive.

Half the worry in the world is caused by dread of things that never happen.

Always Something New

Chain tapes for Venetian blinds give greater convenience and permanence. They are so hung that individual slats may be removed.

Old fashioned steel traps have been brought up to date by making them with rubber faced jaws. Claimed that fewer animals can escape after being trapped and the fur is not damaged. Also, easier on a trapper's foot should he step into his own trap.

A newly developed extract of tropical fruit is said to cook steaks and roasts quicker as well as making them more tender.

An electrical push plug won't come loose accidentally. A novel rubber ramp is pushed in by hand and locks the contact prongs. It can be released instantly.

A new aluminum reflector placed between radiator and wall is said to increase radiator efficiency.

An almost noiseless paper has been perfected for sound studios, eliminating the crackle and rustle of ordinary paper.

A new repair link for chains has been devised. It may be slipped into place with the fingers and the tension of the chain locks it.

A new impregnated laminated fabric for safety belts is moisture proof and resists acids, alkalis, fraying and abrasion.

A new typewriter billing machine handles multiple sets of fan fold continuous forms and stuffs the carbons from a completed set to the next set by a single operation.

A new oil base paint can be applied to calcimine or white wash without pulling them from the surface, it is said. It seals porous places and can be furnished flat or glossy.

Old Sour Face

Rag Merchant: "Any beer bottles, lady?"

Lady: "Do I look as if I drank beer?"

Rag Merchant: "Well, vinegar bottles, lady?"

WOMAN CHAMPION LIAR

In three thousand lies submitted to the Liar's Club, Mrs. Gale Barnhouse of Fowlerville, Michigan, was declared the winner with her story of a mosquito and a mule. O. C. Hulett, president of the Burlington, Wisconsin, Liar's Club, has just made the announcement. This club sponsors an annual national contest.

Mrs. Barnhouse said that Michigan had the biggest mosquito in the world. It began by devouring baby chickens, worked up to grown ducks, turkeys, calves, and milk cows. "Then," she said, "with mouth open it swooped down on the family mule. When I saw the mosquito's mouth, I said, 'There goes a darn good mule.' But old Maude slashed out with both hind legs before the mosquito could swallow and broke its neck."

Roman Links, San Francisco, was not far behind. A fog out there got so thick that he sprayed it with black ink, then chopped it into blocks and sold it for coal.

Maxline Rachlin, Toronto, Canada, attended a lecture on Niagara Falls, illustrated by moving pictures. In a scene of Toronto's mildest winter weather, the falls suddenly froze on the screen, but the lecturer quickly threw a still picture on the screen of a forest fire, which melted the falls and enabled him to go on with his lecture.

Harold Travis, Big River, Canada, ran from a tug to shore on a string of boom-logs. Reaching land safely, he looked back and found he had run the last fifty feet on the shadow of a telegraph pole.

THE FLEA AND THE ELEPHANT

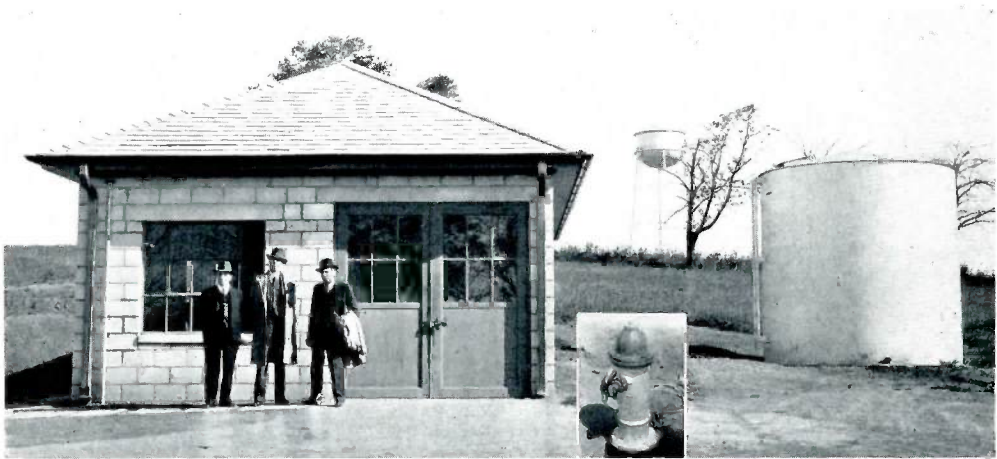
And how like the little flea are some human beings. What they lack in physique or mentality, they make up for in self-importance, or in their imagination of their importance. Now a flea is, according to David Harrum, useful in that while it may annoy a dog, it is at the same time making the dog realize that he is a dog. But when a flea and an elephant walk over a bridge, and after crossing it the flea looks up and says:

"Boy, we sure did shake that thing," the flea is safe in its assumption of bigness because the elephant neither sees, feels, or hears it, and consequently is ignorant of there being such a thing as a flea.

Force of Habit

St. Peter: "And here is your golden harp."
Newly Arrived American: "How much is the first payment?"

ENGINEERS FOUND A WAY



End view of Pumping Station, Clear Basin and Elevated Storage. Engineers, Costa & Petersen, Inc., 112 So. 16th St., Philadelphia; Contractors, F. H. Keiser Co., Pottstown, Pa. Shown in picture, left to right: L. J. Costa, F. D. Petersen and C. F. Keiser.

Two Pennsylvania boroughs, Collegetown and Trappe, among the oldest in the state, until recently have had to obtain their water supplies from individual shallow wells.

Collegetown and Trappe are adjacent boroughs located on Highway 422, about six miles north of Norristown. From the southern boundary of Collegetown to the northern limit of Trappe is a distance of 2.5 miles. Possibly 85% of the dwellings and other structures in both towns front on the highway. This consists of a roadway 50 feet in width from curb to curb which is paved with a slab of concrete 12" thick. The campus of Ursinus College, located in Collegetown, has a frontage of about a quarter of a mile along the main street and presents quite a problem to the borough from the standpoint of untaxable property as well as an added burden from the manner in which this extended frontage tended to increase the cost of the water distribution system.

Confronted by Obstacles

The conditions and obstacles confronting these communities made it impossible for them to finance a water works project either separately or jointly, for many years. The problem was the subject of much discussion on the part of each Borough council. Private interests also gave the matter serious consideration, from time to time, but could see no satisfactory economic solution.

Meanwhile the need for a public water supply was becoming imperative. Many of the wells had become contaminated from

polluted surface drainage and ground water, and had been condemned by the State Department of Health.

In the Spring of 1935 the councils of both Boroughs met in joint session and resolved that the respective borough solicitors and the engineers should prepare an application for a Public Works Administration grant of 45% of the overall cost of a Joint Water Works System.

Joint System Impossible

A study of the statutes and court decisions showed that it was impossible to build a joint system in Pennsylvania. The Harvey Water District law passed in 1931 by the State Legislature and intended to provide for such contingencies had been declared unconstitutional in Luzerne County. It was found that the Borough Code of the State of Pennsylvania made no provision for the building of a joint water works system by two or more municipalities.

For a time the legal hurdles seemed insurmountable and then the engineers evolved the following plan:

Three Part Project

The project was to be divided into three parts:

1. The building of a joint water pumping plant to be owned and operated by both boroughs and managed by a joint commission consisting of the three members from each borough water committee. This was to be paid for out of the 45% federal grant.

2. The construction of a complete system of distribution mains for the Borough of Collegetown, to be owned by the borough

and managed by the proper borough officials, this to be paid for by the proceeds from the sale of borough bonds.

3. The construction of a complete system of distribution mains for the Borough of Trappe, to be owned by the borough and managed by the proper borough officials, this to be paid for by the proceeds from the sale of borough bonds.

The Way Out

After due investigation this plan was adopted as the only possible one by which the two municipalities could obtain their water supply from a jointly owned and operated plant.

The Public Works Administration grant would be sufficient to pay for the building of the pumping and storage system with the wells, etc., and leave a sum of money to be prorated between the two boroughs to aid them in building their respective distribution systems.

In due time plans and specifications were prepared by Costa and Petersen, Inc., engineers, Philadelphia, and the necessary approvals were obtained from Federal and State bodies having jurisdiction in such matters. Bids were opened on January 31, 1936, and a contract was awarded to the F. H. Keiser Co. of Pottstown, Pennsylvania.

After much study and consideration it was decided that the geological formation to the west of Main Street gave the best promise of affording the most water. This section of the state is underlaid with a stratum of Brunswick shale estimated to be about 2000 feet in thickness. An investigation of wells within a radius of 5 miles was not very promising and a yield of from 50 to 60 G. P. M. was considered to be about the limit.

Two Wells

The first well, 8" in diameter, was drilled to a depth of 255 feet and yielded 250 G. P. M. after continuous pumping for 26 hours without dropping beyond the initial draw down level.

The second well, also 8" in diameter, was located about 200 feet to the south of the first well and drilled to a depth of 275 feet and gave a yield of 125 G. P. M. on continuous pumping.

Each well is equipped with a 150 G. P. M. Pomona vertical turbine pump driven by a 7.5 H. P. motor. The well enclosures or houses consist of 3 walls of pre-cast concrete blocks, 2 batten doors hung on hook hinges and a wooden hatch roof. The roof and the doors are easily removed and this permits of ready access to the motor and pump, when it is necessary to "pull" the pump for inspection.

(Continued on Page 24)

FORGOTTEN MODELS

The Automobile Graveyard Filled With Cars That Couldn't Make the Grade

It's new model time in automobiles in this country. Shows have and are being held in the larger cities. New York was first up with Chicago on deck. Tremendous crowds at both, much enthusiasm and increased buying, which makes 1937 look like a record breaking year.

The automobile development began in 1895. The Times-Herald road race November of that year did more than any other thing to bring the automobile into popular favor. Then it was regarded as the rich man's toy, and few dreamed that it would ever get beyond that stage. Today some twenty million American citizens regardless of birth, nationality, color or previous condition of servitude are honking their way over the highways and byways, and 300,000 of them are dragging their homes behind them. What was once considered the rich man's toy is now regarded as a family necessity.

In considering the development of the automobile, few persons realize how many cars have been tried out since 1895. The total number, according to a circular issued by the Saturday Evening Post was 1,144 and of this long list 30 were displayed at the New York show. Hundreds of these cars had names long since forgotten.

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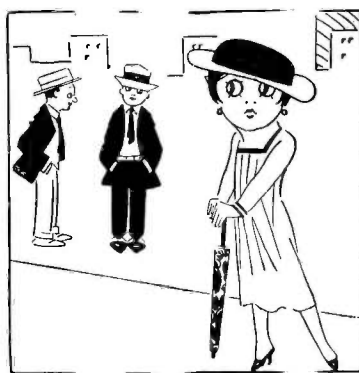
Responsibility is put on the shoulders of those who can bear it.

—

A progressive town is one that always has a street torn up for some improvement.

• •

NOTHING STINGY



"Jean seems very lavish with her views."
"She is. Hides very little from any one."

(Continued from Page 23)

The two well pumps discharge into a covered steel clear basin, 12 feet diameter by 12 feet high, located immediately to the rear of the pump house.

Pump House

The pump house measures 20 feet by 35 feet and is built of precast concrete blocks. All doors and windows are of steel. The roof is covered with asbestos shingles and the building is practically fireproof. A garage 10 feet by 20 feet occupies one corner of the building.

Two Allis-Chalmers single stage double suction, centrifugal pumps driven by Allis-Chalmers 10 H. P. motors located in the pump house, pick up the water from the clear basin and pump it through 1600 feet of 6" diameter force main into the system.

The tower tank has a capacity of 200,000 gallons and measures 38 feet in diameter by 27 feet deep. Its hemispherical bottom is 110 feet above grade.

The pumping station is entirely automatic, the well pumps being controlled by a float switch and the booster pumps by altitude controllers.

Sterilization

The sterilization of the water is accomplished by means of two Heavy Duty Chlor-o-Feeders. The terminals of the motors on these "proportioners" are connected across the leads of the well pumps, so that whenever a well pump starts a Chlor-o-Feeder automatically starts. The sterilized water being discharged into the clear basin, in order to obtain complete diffusion and sufficient time of retention.

Cement lined, de Lavaud, cast iron B. & S pipe was used throughout the entire system.

The system was designed so as to strictly conform to the requirements and regulations of the Pennsylvania Department of Health and the National Board of Fire Underwriters. Harry M. Freeburn, District Engineer of the Department of Health, and Robert Goodhue, Engineer of the Rating Bureau, closely co-operated with the engineers at all times.

All service materials, valves, and fire hydrants are Mueller products.

Been There

A group of tourists were looking into the inferno of Vesuvius in eruption.

"Looks just like Hell, doesn't it?" asked an American.

"Oh, zese Americans," exclaimed a Frenchman, near by. "They have been everywhere."

ONE THOUSAND FEET

High Speed Train Travels That Far After Emergency Brake Is On

What happens to a high speed train when the emergency brakes are applied to avert an accident? An accident at Vandalia, Illinois, throws some light on the question. A Pennsylvania extra passenger train struck an automobile at a city crossing. Mr. and Mrs. David Ireland were almost instantly killed. The coroner's jury decided it was an accident. The engineer of the train began blowing the whistle a quarter of a mile from the crossing and kept it up until the train hit the Ireland car. And here's what happened to the train. With the emergency brake applied, the train ran 1000 feet before stopping. The estimated speed of the train was between fifty and sixty miles an hour. Sixteen pairs of wheels were worn "straight" on account of sliding over the rails after the emergency brake had been applied, making it necessary to replace them. These few facts are impressive in showing the impossibility of stopping a heavy passenger train with emergency brakes within a few feet. The fact that the train kept running for 1000 feet, but stopped with sixteen wheels worn straight indicates that the train slid over the rails for that distance. The distressing accident was deplored by those in this organization who knew Mr. Ireland.

FINE COMB MARKET

In the November issue of Mueller Record, we published an article of which Prince Kato Ragosa of Solomon Islands was the subject. He had come to the United States to attend a convention of Seventh Day Adventists, he being an ordained minister of that faith, even though a descendant of cannibal forbearers.

Writing in the Chicago Tribune, Mason Warner gives some additional information of an interesting character, which indicates that residents of the Islands have yielded to the soothing influence of religion and civilization. They now seem to be a somewhat timid and likeable people. They unload and load ships and work on coconut plantations. One of the strange customs he describes is the "Buka-hat." It is woven of a fibrous plant and has no rim and is about two feet high. It lasts for years. Boys from 4 to 6 years wear it until they are married. It is never removed until marriage, and the hair of the head when unconfined reaches to the knees. Pity the poor Buka-boy. How his head must itch, and what a promising market for an enterprising manufacturer of fine combs!

1936 SUGGESTION PRIZE WINNERS

INCREASED PRODUCTION

REDUCED OVERHEAD

SAFETY



Left, top to bottom: Hugh Kerwood, Jerome Edwards, Harold Linton; Center: Al Spitzer; Left: Watson McCarty; Right: L. I. Hopper; Right, top to bottom: L. B. McKinney, Fred Nash, La Verne Walley.

INCREASED PRODUCTION

Hugh Kerwood—\$25—First Prize.
Jerome Edwards—\$15—Second Prize.
Harold Linton—\$10—Third Prize.

REDUCED OVERHEAD

Al Spitzer—\$25—First Prize.
Watson McCarty—\$15—Second Prize.
L. I. Hopper—\$10—Third Prize.

SAFETY

L. B. McKinney—\$25—First Prize.
Fred Nash—\$15—Second Prize.
LaVerne Walley—\$10—Third Prize.

The 1936 suggestion contest was one of the best since it was inaugurated some years ago. On the subjects:

Increased Production,
Reduced Overhead,
Safety.

Two hundred and seventy-one suggestions were made and 129 won prizes. The determination of winners is left to a committee, consisting of these members of the organization:

Chairman, W. T. Auer, Secretary to Works Manager, L. W. Mueller, General Superintendent C. F. Roarick, Foremen Barney Morrison, F. A. March, Frank Taylor, and Leo Wyant. All suggestions are addressed to J. W. Wells, company secretary and assistant to the President, Adolph Mueller. The names are detached and the suggestion sent to W. T. Auer. The committee when passing on the suggestions has no inkling of the identity of the person making the suggestion. By this procedure the winners are chosen strictly on merit of the suggestion made.

Adopted Suggestions

One suggestion accepted, \$2.50 each.

Lee Bauer	W. E. Lewis
Karl Blankenburg	Cal McQuality
H. D. Boggs	Chester Mercer
Coy Butler	G. Meisenheimer
Herman Chepan	E. E. Musgraves
R. D. Coffman	Helen Pope
W. E. Corley	Marian Richards
Otto Dannewitz	J. E. Taylor
Don Ferry	C. A. Treloggan
R. Fleckenstein	Ernest Waddell
H. A. Georges	Frank Williams
Hugh Kerwood	R. W. Workman
E. Krumtsiek	Ancil Younger
Wm. Kuntz	

Two suggestions, \$5.00 each.

H. Amman	Ethel McKee
John Curry	A. G. Ridgway
G. T. Edwards	Wm. Severe
O. Fortschneider	David Simpson
Matt Like	Ethel Turley
Watson McCarty	LaVerne Walley

Three suggestions, \$7.50 each.

F. W. Dannewitz	Fred Nash
C. F. Dunaway	Edgar Stark
L. I. Hopper	Monroe Tate
Gale Hutchins	R. R. Taylor
Harold Linton	A. H. Thompson
L. H. McKinney	Oris Whitaker
Thos. Mudd	G. Wright

Four suggestions, \$10 each.

Ira Auer	Charles Sarver
Dorothea Hill	Al Spitzer
E. W. McQuality	

Eight suggestions, \$20

Fred Meador

In addition to the above awards, a \$2.50 check each was awarded Fred Meador and Al Spitzer for having submitted at least five and less than ten suggestions.

SIX GIRLS WINNERS OF PRIZES



Left, Marian Richards; Center top, Dorothea Hill; Left, Ethel McKee; Right, Ethel Turley; Bottom, Opal Jackson; Right, Helen Pope.

Being Leap Year, the girls were extremely active from a contest to a conquest. A good many of them got their man, in accordance with our Leap Year slogan, and five of them were lined up for suggestion prizes. One of them, Dorothea Hill, ranked with the second highest group of men, having made four accepted suggestions, and thereby winning \$10. Another, Opal Jackson, in the special suggestion contest for a 1937 slogan got first place. Her slogan is

TO GET AHEAD—USE YOUR HEAD

Clever, is it not? There were sixty-three slogan suggestions made, and many of them were excellent, in consequence Miss Jackson's suggestion is deserving of praise. It is short, meaningful, and has a good snap to it. Nineteen thirty-six proved the best year for suggestions by the girls.



WHAT ABOUT SENATOR CULLOM

In its after-election mop up of odds and ends, the dependable old Globe Democrat gives this bit of "information."

"With the reelection of Senator Lewis, he becomes the first senator from Illinois to be chosen for three terms."

Shades of the political minded Editor Joseph B. McCullough, one time nationally known and oft quoted editor of the great Missouri newspaper. What would he say to giving a Democrat that honor.

And what would Shelby Moore Cullom, the rock-ribbed, straight-laced former Republican governor of Illinois say to the above quoted paragraph?

As Illinoisians know their politics, Shelby M. Cullom was governor in 1883 when he succeeded David Davis as U. S. Senator, and was re-elected in 1888, 1894, 1900, 1907, and 1913, serving in all about 33 years.

NEW PRESIDENT

Mr. Henry L. de Forest Succeeds Late Nicholas S. Hill, Jr.

Mr. Henry L. de Forest has been elected president of the Hackensack Water Co. He succeeds the late Nicholas S. Hill, Jr., whose death was mentioned in the November issue of the Mueller Record. The newly elected president has been chairman of the board and he has been succeeded in that position by Mr. Hamilton F. Kean, vice-president and director. Mr. de Forest had been chairman since 1931, vice-president since 1922, and a director since 1917.

Father Had Same Position

Mr. de Forest's father, Robert W. de Forest, lawyer, financier, civic leader, and patron of the arts, was president of the company for nearly forty-one years. The elder de Forest became chairman of the board upon Mr. Hill's election to the presidency in 1926, serving until his death in 1931.

Henry L. de Forest, a member of the law firm of de Forest, Cullom, and Elder, 20 Exchange Place, is sixty-one years old and a graduate of Yale College in the class of 1897. He was a member of the class of 1900 of the Columbia University Law School. He resides in Plainfield, where he is active in civic work.

The Board of Directors of the Company has adopted a resolution praising the service of Mr. Hill, nationally known water supply engineer, who died suddenly on October 18.



Business is never so healthy as when, like a chicken, it must do a certain amount of scratching for what it gets.

Mind is the great lever in all things.

THE RECORD MAIL BAG



F. M. Beaumont

December 8, 1936.

The Mueller Record,
Decatur, Illinois:

Gentlemen: I am, also the family, greatly interested in reading the Mueller Record. We think it is the best trade paper there is published.

In your November issue on page 2 is an article under the heading of "Gruesome Taste." This dealt with several books bound in tanned human skin. Among the number was book No. 3 covered with the tanned skin of William Corder. He was the murderer of Maria Martin. There is a book, "The Murder of Marie Martin in the Red Barn." In reference to the Corder book, it may interest you and your readers that I have seen and handled it some forty years ago. It is in the museum in my native town, Burt, Street, Edmiunds, Suffolk, England. While working as an apprentice with a plumber at the Suffolk Hospital, in the room where we were working, there was the complete skeleton of William Corder, also the gun and knife with which he committed the murder. It was late in the afternoon and almost dark, when my boss opened the cupboard it to show me, then he left me there to do some other work in the hospital. I was quite a youngster at the time and was glad when he came back as I did not like to stay in the room with that skeleton. I thought this might be of some interest to know of these facts.

Best wishes to Mueller Co.

I remain,

F. M. Beaumont.

• •

John R. Earley, master plumber of Washington, Pa., writes that he reads the Mueller

Record regularly and enjoys it. "I noted with pleasure," he writes, "the quips about mules in a recent issue. I have one that is not a conjecture of an idle or mischievous mind, but a true narrative in connection with the mule family which I feel sure would interest your readers. Our family doctor got an emergency call back in the rough hills of West Virginia, and invited me to accompany him. We caught up with an old negro driving or trying to drive an old one-horse wagon to which was hitched a dilapidated mule. This mule had balked and refused to move. The road was too narrow for us to pass. The doctor volunteered to make Mr. Mule move, and the old darkey gladly assented. The doctor shot a few drops of nitric acid into the mule's hip. In a few moments the mule started on a dead run with the darkey in pursuit. About a mile further on we came upon the old negro whose forlorn face told us of his losing chase after his mule. Hailing the doctor, he said: "How much am dat ar' stuff you squirted into dat ar' mule?"

"Oh," said the doctor, "if I were charging you for it, it wouldn't be over a quarter."

The colored man handed up a half dollar and said: "Here, Mister, is a quarter for what you squirted into dat ar' mule, and a quarter for you to squirt the same amount into my hip, 'cause I got to catch dat ar' mule."

• •

Otto Ulch, writing from Elberon, Ia., says: "I receive the Mueller Record and want to thank you for it. I receive several other magazines but most of them I do not even look at, but I never fail to read the Record from one end to the other."

• •

Mueller Co.,
Decatur, Ill.

Pardon for calling your attention to an error in the November issue of Mueller Record on page 21 under "Out of the Ordinary."

Under item stating experience of our Governor-elect Leslie Jensen you state that he is from North Dakota. Mr. Jensen is a native of South Dakota and we are proud of the fact that he will start his first term as our Governor (South Dakota) on January 1st, 1937. Mr. Jensen as Governor, Mr. McMerchie as Lieut. Governor and Mr. Chase as Representative were the only candidates on the Republican State ticket to win in the past election.

We enjoy reading Mueller Record and find many items of instruction and interest.

Yours truly,

John Barton.

(Continued on Page 30)

Kid Jokes



When Papa Took to Flying

Bobbie: "Oh, Mama! There's a man up in the nursery kissing the nurse."

Mama (with a running start): "I'll fix him."

Bobbie: "April Fool, it's only Papa."

Usually the Case

"Well, Josie, how do you like your new sister?"

"Aw, she's all right, I guess. But there's lots of things we needed worse!"

Marksmanship Improving

"Melvin! MELVIN."

"Huh, Ma?"

"Are you spitting in the fish bowl?"

"No, but I been coming pretty close."

Curiosity

Visitor: "Why are you watching me so closely, Robert?"

Bobbie: "I was just waiting to see you tackle your glass of water. Daddy says you drink like a fish."

Modernized

Ethel (aged 6, combing hair): "Mama, what makes my hair crack when I comb it?"

Mama: "Why, dear, you have electricity in your hair."

Ethel: "Aren't we a funny family. I've got electricity in my hair, and Grandma has gas on her stomach."

Defined

"Pop, what does 'multum in parvo' mean?"

"'Multum in parvo', my son, is Latin, and means—er—well, haven't you ever seen a fat woman in a bathing suit?"

Or Look for Swelling

Still Another Buyer: "I sent my little boy for two pounds of candy and you sent only a pound and a half."

Retailer: "My scales are correct, madam. Let's weigh the boy!"

THE DIVINING ROD

Of Ancient Origin But Moderns Still Believe in It

At Collins, N. Y., recently Burnell C. Langness decided to drill a well. Being anxious to strike water, he decided to rely on the divining rod plan. This consists of cutting a small branch from a tree, picking out favorable looking ground and passing the branch over it. If there is water obtainable, the switch twitches or tugs and you are safe and sure to find an abundant supply of water. This at least is what the "water witch" operating the branch and the converts to the system fully believe. In the case of Mr. Langness, his faith was not misplaced, but he did not drill the well. When the branch showed signs of twitching or tugging it was agreed the right spot had been found and drillers were put to work, but before they could reach the water they quit. It was discovered that the spot selected for drilling was directly over a high pressure main supplying water to a hospital. However, the drillers made a test and at eight feet below ground they found the main. This may or may not prove the reliability of the divining rod. Make your own choice.

At one time we had an odd character in Decatur who did quite a business locating water with the divining rod. Many people still believe in it. The report from Collins is that a forked peach tree was used, but a forked hazel bush twig is favored by many adherents to the belief.

Divining rods are of ancient origin. They have been used by civilized and uncivilized nations. The practice is still adhered to by modern Europeans and Americans, Zulus and Mavris. It was also believed in by ancient Greeks, Romans, Israelites, and Babylonians. Even today the divining rod has followers among men of some pretensions to scientific knowledge.

However, as far back as 1912, the U. S. Geological Survey in a paper on "Underground Waters," issued a warning to explorers that no appliance, mechanical or electrical, has yet been devised that will detect water in places where plain common sense and close observation will not show just as well—which is what this article is about—well.

The Finishing Touch

"Mother," said a little boy after coming from a walk, "I've seen a man who makes horses."

"Are you sure?" asked the mother.

"Yes," he replied. "He had a horse nearly finished when I saw him; he was just nailing on his back feet."

Out of the Ordinary

J. E. Kirhkam, research engineer, La Feria, Texas, has built himself a house of earthen blocks with water-proofing elements. The blocks are 15x7½x6 inches. The material is a non-conductor of heat or cold. House cost \$900 including plumbing. Dirt cheap.

A woman 104 years old cast her first ballot at the late election. "Why didn't you vote before?" she was asked, and she answered, "Nobody asked me."

Aunt Jennie Teager, 84, Dawson Springs, Kentucky, recently took her first ride on a train, and saw her first automobile. She has always lived a considerable distance from a highway.

A piece of flywheel on a power saw flew three blocks through the air at terrific force and barely missed striking Mrs. H. C. Jennejah, Elgin, Illinois. The piece of metal buried itself two feet in the ground.

Francis V. Davis, 31, Carrollton, Illinois, has never used a knife and fork because from childhood he has eaten nothing except bread, milk, crackers, coffee and cereals. Five feet nine inches tall and healthy.

Arabs from the hills entered Palestine intent on making trouble, but became so interested in a football game between British soldiers and sailors, they forgot to fight.

An all gold automobile has been repaired in England at a cost of \$7,250 and returned to its owner, an Indian banker. Every visible part is gold plated. The inside furnishings are gorgeously rich. The car was built 17 years ago.

The old circus traveled the highways but the modern circus turns the trick with auto trucks and railroad trains. The ultra-modern circus travels in ships. Hagenback has started two arks from Berlin carrying his circus and managerie around the world.

Louise Hammond, 11, Des Moines, Iowa, played in a muddy ditch and brought home a muddy fruit jar. Punishment was postponed. The fruit jar contained \$700 in milked money.

The Ohio State Board of Liquor control barred the use of Santa Claus pictures in connection with liquor advertisements.

Illinois has 15,000 school districts, more than any other state in the union.

Parnia, Michigan, suddenly became a land of milk but no honey. A truck with 1500 gallons of milk overturned. Parnia's main street became a river of milk.

Out of gas on a Texas highway paralleling a railroad near Temple, Texas, V. D. Smith watched a passing freight train. A brakeman seeing Smith's plight, tossed him a can of gas. Smith poured it in his auto tank, stepped on it, caught up with the train and tossed the can back to the brakeman with thanks.

Raymond French, University of Illinois freshman, is State 4-H health champion and winner of the greased pig catching championship, but the pig got a bite of French's finger. With an injury that might result in serious infection, he went to the Chicago Live Stock Show to compete for National Health Champion.

The post master of Ragoon, Burma, respectfully requests his patrons to quit sending human heads by mail, explaining "That there's no specific reference to it in the regulations and aware that El Khwal was killed in action, and that some trophy belonging to his enemy might properly be sent to relatives." Regardless of all this, the postmaster asks that the practice stop.

A nursery teacher at Durant, Oklahoma, took her pupils on regular visits to the zoo to see the monkeys. When the visits ceased the "monks" got out and bee-lined it for their admirer's school room.

The bustling little city of Mattoon deserves the spot light in this Out of the Ordinary Column. During that period of Peace on Earth, Good Will to many, some one stole the police squad car while the officers were at lunch, and a sneak thief on Sunday stole \$40 from a contribution box placed in a table in the sacristy of a Catholic church.

Fox Pelts Deteriorate Quickly

The value of a black or silver fox pelt reduces 50 per cent if the hide is not removed from the animal within five days after it reaches its maximum gloss and thickness, due to a brown tinge which appears by that time.

(Continued from Page 27)

Editor Mueller Record,
Decatur, Illinois.

I desire to express my sincere appreciation for the courtesy extended me by placing my name on your mailing list to receive the "Mueller Record." I have been receiving it (with the exception of a few copies, which I regret very much to have missed) for the past year.

Perhaps, some time or other, as it occasionally happens, I may be able to send you a court room incident which might have a tinge of humor about it.

I desire to say that your magazine, even though an advertising medium, contains reading matter far superior to some humorous and philosophical periodicals that I have received and for which a substantial subscription fee was paid.

I extend to you and the entire force my best wishes and the Season's Greetings.

Appreciatively yours,

Charles B. Forshee,
Chief Deputy Clerk United States Court.

Mueller Company,
Decatur, Illinois.

Gentlemen: You know, Mr. Wagenseller, we really should have written this particular letter previously.

So that we might give you our thanks in your kindness in carrying us on your mailing list.

While we are on the subject—starting with our interest in Decatur and where the writer starting with the old John Davis Company, Chicago, has been associated with "Mueller" for many years—each succeeding issue of the above—to us—is of deep interest.

Take an issue like July—with all of the trade references—including the picnic, Los Angeles, reference to the Cleveland Exposition and all the other interesting articles and illustrations—it makes the Mueller Record as interesting—at least to us—as any of the current magazines.

So, with our compliments and again with our thanks, we remain

Very truly yours,
Scott Valve Manufacturing Company.
Per Robert A. Campbell,
Vice-Pres., In Charge of Sales.

In your "Out of the Ordinary" column, November Record, I find the following:

"Leslie Jensen, candidate for governor of South Dakota, speaking at Parker, said since August 18 to September 20, every speaking engagement had been interrupted by rain. Just as he finished the sentence a heavy downpour dispersed his audience."

He won!

OWEN J. SMITH
Representing
CAPITOL SUPPLY COMPANY
Phone 1050
SCOTT'SBLUFF, NEBR.
His Campaign Slogan
"Have More With Les"

GOOD PROSPECT FOR 1937

It is estimated by the Plumbing and Heating Bureau that sales of plumbing and heating equipment in 1936 totaled \$1,300,000,000, which is an increase over 1935 of 35 per cent. It is predicted by leaders of the two industries that 1937 will show as great an increase. A large percentage of the equipment sold in 1936 was for modernization work. This particular field has not yet been caught up with and added to what yet remains to be done in the old building line, the plumbing and heating industry must be equal to meeting the demand arising from new buildings. This by reason of changed conditions will be something to think about. The public has become plumbing conscious. Where one bath tub formerly served a family regardless of its size, two and three tubs are now installed. Toilets and lavatories were also purchased one for a family, but the demand for more of such conveniences is keeping pace with the increased demand for bath tubs. Mr. J. A. Galloup, president of the Central Supply Association, Mr. George H. Werner, president of the National Association of Master Plumbers, together with others who keep a finger on the public pulse and the public trend, see only a good year ahead. Back of all this the architectural press and the building trade press predict a great building year. Let it come, and welcome. The thing for all identified in any way with the building industry to do is to get ready for it.

Birds Can't Smell

The sense of smell in birds is not very acute, although their organs are well developed. It is doubtful whether the sense of smell is of much use to birds.

Children More Cleanly

The physique, clothing and cleanliness of the children are at least a hundredfold better than they were thirty years ago, and at least 50 per cent better than they were eleven years ago, and the infantile death-rate has decreased.

Life consists of what a man is thinking of all day.—Emerson.

AMERICAN GAS CONVENTION



The annual convention of the American Gas Association was held in the Atlantic City Auditorium on the Boardwalk on October 25-30. It was largely attended. Mueller Co. made a big exhibit and was represented by the above group. Reading from left to right they are: John P. Stenner, Fred Kroschwitz, Frank H. Mueller, O. J. Hawkins, Robert Mueller, T. A. Larry, Leroy J. Evans, and Charles J. G. Haas.

THE FIRST PRINTER

Stephen Daye seems to have been the first printer in the United States. He was a native of London and came over to Cambridge, Massachusetts, to take charge of the printing press sent over to the colonists by the Rev. Jesse Glover. Daye was not a printer by trade, but a locksmith. Critics do not regard him as one of the old masters in "the art preservative of arts." His first piece of work was "The Freeman's Oath" then "An Almanack." There are no known copies of these in existence. His most outstanding accomplishment was "The Whole Booke of Psalms." Copies of these are still in existence. An ancient printing press, preserved in the state capitol at Montpelier, Vermont, is said to be the first one sent to this country and the one with which Daye turned out his first work. Compared to the modern presses of today, it looks more like a cider press than a printing press.

General abstract truth is the most precious of all blessings; without it man is blind; it is the eye of reason.—Rosseau.

When you talk, you teach; when you listen you learn.

BITS OF INFORMATION

Americans get away with thirty-five billion eggs yearly; average 280 eggs per person. Forty per cent of eggs go to market.

At the end of forty trips, the milk bottle is due to break.

Improvement in show window lighting attracts 44 per cent more attention from passers-by.

—National gambling bill is estimated at \$6,600,000,000—all cash.

Women workers have increased from 14.7 per cent in 1880 to 22 per cent or more at the present time.

One standard Pullman car generates for its own use enough electricity to supply four ordinary houses.

The largest locomotive tenders in this country have a capacity of 25 million gallons of water and twenty-five tons of coal. In freight service this is sufficient for 200 miles, passenger service 250 to 300 miles.

(Continued on Next Page)

GAS REVENUES UP

First Nine Months of 1936 Show An Increase of 6.3 Per Cent

The American Gas Association sends forth good news to those associated with the gas industry. For the first nine months of 1936 revenues of natural and manufactured gas utilities in this country increased to \$573,599,900. This is compared to \$539,638,500 in the corresponding 1935 period. A gain of 6.3 per cent. Revenues for September totaled \$53,092,100, an increase of 1.6 over September, 1935. The number of customers of gas utilities on September 30 was 16,276,700 compared to 15,903,000 on the corresponding date of 1935, an increase of 2.3 per cent.

KIND HEARTED SCHUMANN-HEINK

The goodness of heart of the late Madam Ernestine Schumann-Heink seems to have been an outstanding characteristic. During the war she met Robert Midkiff, an aviator from near Decatur, and formed a liking to him. Learning that the lad's mother was dead, the great singer said that Midkiff in the future would be her foster son. After the war, and Midkiff's return home, he was frequently remembered with handsome presents from Madam, among other things a ring, a watch and chain, and a gold cigarette case.

Wanted to Defray Funeral Cost

Midkiff was killed in an air accident a few years ago, and immediately the singer wired the young man's father insisting that she be allowed to pay the funeral bill of over \$300. She asked that the ring she had given Midkiff be returned to her for a keepsake. Rev. Midkiff, the young man's father, wrote that he had selected the ring for a keepsake for himself, and wished it if the Madam did not object. With her customary generosity and kindness, Mme. Schumann-Heink replied that he should do so.

(Continued from Page 31)

Some railways now equip their switching engines for fire fighting service. The hose is connected to water tank and the locomotive injector pump. The tanks carry 8,000 to 10,000 gallons of water. These engines prove of great value in fires along the track.

Women buy from 70 to 80 per cent of men's shirts, socks, ties, etc. Just what per cent of men wear them has not been figured out.

COMPARE THIS FIRE HYDRANT INCH BY INCH *To Any Other*



Start at the top and go clear to the bottom—you'll find this hydrant is built to highest standards in every detail and incorporates many exclusive features.

First — the Self-Oiling Top assures easy operation in all kinds of weather — eliminates wear and corrosion.

Second — the Safety-Flange and Coupling confines collision damage to two inexpensive parts. Also permits easy addition of extension section or new nozzles.

Third—the Main Valve of Vim Chrome Tanned Leather has twice the life of ordinary leather. Large double drain valves assure complete drainage — no chance of freezing.

MUELLER CO.
CHATTANOOGA, TENN.

You'll See It Is
YEARS AHEAD



The Mueller-Columbian Gate Valve has the 4-point contact principle which insures long life, easy operation in any position and is absolutely leak-proof. Size from 2" up.

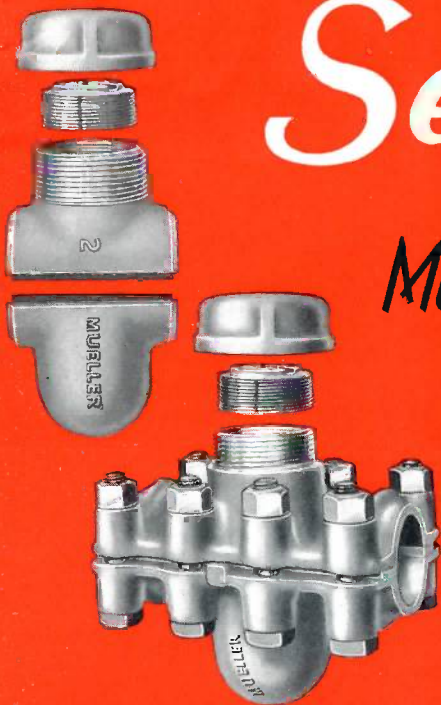
MUELLER-COLUMBIAN

MUELLER RECORD

Service Continues

WHEN YOU USE

MUELLER PRESSURE CONTROL FITTINGS and EQUIPMENT

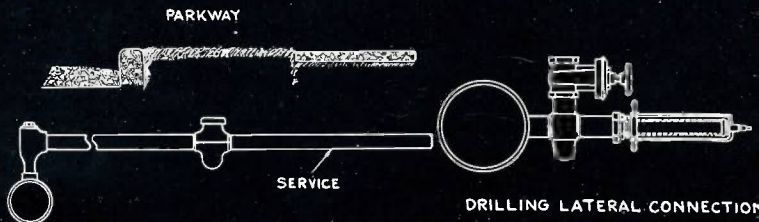
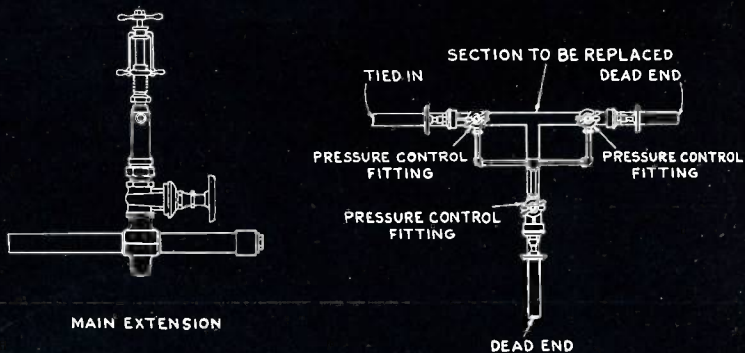
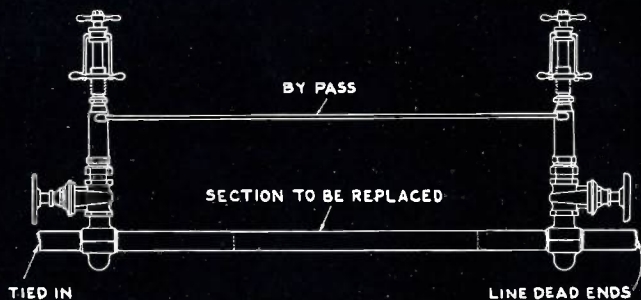


Mueller Pressure Control Fittings and Equipment are used for all types of installation and maintenance work. They may be used for removal or replacement of pipe, extending dead-end lines, making lateral extensions and doing all kinds of repair work without ANY LOSS OF GAS and WITHOUT INTERRUPTION OF SERVICE.

The illustrations at the right show how easy it is to use this equipment. It is very economical, it prevents inconvenience to the consumer, the work is done at the exact location, and it is done with absolute safety. Interested gas men should know the complete details of using this equipment. A new catalog is available that gives the entire story. Write for your copy, addressing Dept. L.

MUELLER CO.

DECATUR, ILLINOIS



MUELLER

PRESSURE CONTROL EQUIPMENT

The **MUELLER** *Trouble Free* **TRAP**

ONE PIECE
CAST PLUG.

Smooth interiors, no projections or recesses to collect waste matter, 11 gauge tubing twice the thickness generally used. Fully Annealed.

Full Depth Threads cut directly on tubing, no soldered or sweated collars or joints, nuts made from solid rod, no flimsy stampings.

17 gauge tubing fully annealed, heavy 17 gauge deep flange.

WILL OUTLIVE THE FIXTURES . . . AND BUILDINGS

ELEVEN GAUGE

You know traps, Mr. Plumber. A single glance will show you the unequalled superiority of this Mueller 11 gauge trap.

With such traps obtainable why use poorly constructed, flimsy, tissue paper thin traps, especially when this remarkable Mueller 11 gauge trap is priced to you so a good profit is possible at a reasonable price to your customer.

The importance of traps calls for the best — here it is — the Mueller trap that outlives fixtures and fittings.

Study the emphasized advantages and learn for yourself the advantages to you when you supply your customers with this **MUELLER TROUBLE FREE TRAP**.

Write for information and prices.

Imprinted circulars for you for the asking.

**MEETS EVERY REQUIREMENT
OF THE PERFECT TRAP.**

A clean out plug which will not tear out or break off.

MUELLER CO. DECATUR ILL.