

MUELLER RECORD



PAINTING BY BESS DEVINE JEWELL

DECEMBER

WINTER NUMBER

THE MUELLER RECORD

Vol. XVI

DECEMBER · 1927

No. 185

THE MUELLER RECORD

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

C. N. WAGENSELLER, Editor.

Once more:

A MERRY CHRISTMAS!

and

A HAPPY NEW YEAR!

New Year is a myth. The only new thing about it will be 1928 instead of 1927. It will have the same number of days, the same griefs and sorrows and the same misery and disappointments. It will not be different from any preceding year except as YOU MAKE IT DIFFERENT.

To most of the world there will be nothing new about the new year—same old sunshine and rain—laughter and tears—happiness and sorrow—sickness and death—same old hodge-podge called life. But let 'er come. We are going to join the majority and try to sidestep all these little unpleasanties.

The water works of the United States form a big industry, much bigger than is generally known.

There are 9,000 water works companies and departments serving 10,160 communities and the total invested capital is five billion dollars.

CARRIE WOULD BE BUSY

In a paper the other day we read that 25 years ago Carrie Nation attended the recent New York horse show. She stood in front of the Vanderbilt box and told the women that they ought to be ashamed of themselves, advising them to go home and dress themselves decently.

Shades of the great old girl with the hatchet! Death called her to her reward all too soon. Twenty-five years ago the correct length of a woman's skirt was one inch from the ground. Now it is ten inches below the waist! What a day's work for Carrie, who was shocked by the styles of 25

years ago, if she were among the living today.

There are no saloon windows and mirrors for her to smash with her hatchet but she could work overtime cutting off ladies' "laigs", and keep busy seven days a week.

ADVERTISING

Plumbers are learning to advertise. They know full well that they have a proposition that contributes in large measure to the health of the nation, aside from the comfort, convenience and pleasure which modern sanitary plumbing gives to the people. All they have to do is to sell this idea to the public. Doing this as individuals is expensive. It is a divided effort and lacks the kick and force of a concentrated attack.

Plumbers are broadening their vision. They see that it is better to sacrifice sporadic individual effort and join forces in an educational campaign for the advancement of plumbing as public benefit and a personal necessity.

The industry as a whole is helped by this concentration, and the individual plumber reaps his share of the business created in proportion to his ability to sell and serve.

Philadelphia and Buffalo are two recent examples of this cooperative plan of advertising.

In union there is strength.

A tiny leak will soon drain the gas tank.

A critical inlook may improve the outlook.

An idea is valuable only when put in action.

To make more headway, do more headwork.

A THOUGHT FOR CHRISTMAS

Christ is the great central fact in the world's history; to him everything looks forward or backward. All the lines of history converge upon him. All the march of providence is guided by him. All the great purposes of God culminate in him. The greatest and most momentous fact which the history of the world records is the fact of his birth.—Spurgeon.

I'm Tellin' You



Every now and then you read a street car sign that is worth while. An optician had an inspiration when he penned the following which not only amused the readers but got their good natured endorsement:

You can't be optomistic if you peer through misty optics.

Once in a while your better half gets the best of it—but not often.

Santa Claus and his reindeers barely nudged under the wire this year in his race with Henry and his new Ford.

If children were as curious and excitable about what Christmas is going to bring them as grown-ups were about Henry's new car, they'd be spanked and put to bed without supper.

Remember when you were a kid and got a good paddling you pledged yourself "never to treat a child of yours that way." When we size up the present generation we are convinced that a good many of those promises have been kept.

IF I WERE SANTA CLAUS



If I were Santa Claus
I'd give these presents:
Health to the sick.
Peace to troubled
minds.
Plenty to poverty
stricken.

Hearing to the deaf.
Sight to the sightless.
Straight, sound limbs to the crippled.
Contentment to the dissatisfied.
Joy to the sorrow stricken.
Love of all mankind to the jealous and
the envious.
Tenderness to the cruel.
Honesty to the dishonest.
Oh, but I'd make it a Merry, Merry Christ-
mas, such as the world has never known.

SOLVING THE PROBLEM

Originally woman's hair was straight. One looked into a spring and saw her reflection. She brushed back a stray lock and it settled back on her head in a little curly wave which pleased her immensely. Then she, in her aboriginal vanity began experimenting with her "crowning glory," and she has kept at it ever since. Curls, permanent waves, spit curls, coiffures, bangs, water waves, chignons, roles, world without end.

But she was never satisfied. No style maintained permanency, so in a fit of disgust she cut off her hair.

Now we have a race of bobbed-heads, adding something new and novel to other varieties of heads—square and round.

WHAT THE YOUNG MAN'S DOING



Every one who has driven an automobile behind the young man in the car ahead, has wondered what young fuzzy lip was doing with his left hand drooping nonchalantly out of the left door.

The mystery has been solved. Here is what he is doing, nine times out of ten:

Knocking ashes off a cigarette.

Going to turn a corner—you guess which one.

Feeling for rain.

Pointing out a pretty girl on opposite side of street.

Intending to stop.

Getting rid of a cigarette that is burning his fingers.

Saluting a passing car.

Showing the gaping populace how easy it is to drive a car in traffic with one hand.

Making graceful gestures to emphasize his remarks.

And another thing, speaking about that new car, Mr. Langdon expelled a mouthful of prophecy when he said: "They are all breaking their necks to get to it for a first view and in a few months from now they will be breaking their legs trying to keep from under it." Of course Mr. Langdon is our safety first man and quite naturally may be expected to take a doleful view of possible slaughter.

A DOZEN OR SO RAW
Served by Those College Wits



She's only a garbage collector's daughter, but she ain't to be sniffed at.—Green Goat.

Our friend, Hood U. Spose, wants to know who put the ire in the Irish.—Texas Ranger.

Mandy — Dat's some hot little coupe you got Rastus.

Rastus—She am dat. Tomorrow I's goin' go down and get me a couple of

licentious plates.—Arizona Kittykat.

Judge—What's your name?

Man—Smith.

Judge—Your occupation?

Smith—Locksmith.

Judge—Locksmith up.—Okla. Whirlwind.

Theta—What's your brother like?

Beta—Wine, women and song.—Washington Dirge.

Women are like money; keep 'em busy or they lose interest.—Grinnell Malteaser.

Ticket Seller—You can't take that girl in on a child's ticket.

Grad—Why not? She's some baby!—Notre Dame Juggler.

The traveling man opened the telegram and read: "Twins arrived tonight. More by mail."—Lehigh Burr.

"I left early, but wasn't it terrible the way Sam carried on?"

"That was nothing. You should have seen the way he was carried out."—California Pelican.

"Speaking of neckwear, that girl has lasted longer than anyone I know."—Seewanee Mountain Goat.

She was only a washerwoman's daughter, but she took me unaware.—Spartan Spasms.

Jim—How did the robbers get in the undertaker's offices?

Joe—Used a skeleton key.—Cornell Widow.

Drunk (to a little dog that is following him)—Get outa here, the whole damned pack of ya.—Brown Bull.

"I like to watch a fat man sneeze. They always sneeze all over."

"Yes. I have stood in front of them, too."—Webfoot.

Telegram—No mon. No fun. Your son.
Reply—How sad. Too bad. Your dad.
—Lehigh Burr.

To Vivienne

I love the way you hold your head,
The way you hold your lips so red,
But best of all (none does it slicker),
I love the way you hold your liquor.
—Goblin.

Mechanics Professor—Describe the mechanism of a steam shovel.

Frosh Engineer—Don't kid me. You can't carry steam on a shovel.—Okla. Whirlwind.

I call my girl Fermented 'cause she turned on me.—Amherst Lord Jeff.

At first the world was flat. Then someone discovered that it was round. Now it is crooked.—Cincinnati Cynic.

"It looks like rain."

"What looks like rain?"

"Water."—Amherst Lord Jeff.

"Quick—a notary—I want to swear!"—Stanford Chaparral.

Outside the storm raged. The deafening thunder rolled and lightning flashed almost continuously. Presently a bolt struck Mr. Jones and knocked him completely out of bed. He rose, yawned, rubbed his eyes and said: "All right, dear, I'll get up."—Lehigh Burr.

The fat man said he liked to dance but he needed a concave partner.—Utah Humbug.

"What's the matter? You sure look worried."

"Work, work, nothing but work from morning till night."

"How long have you been at it?"

"Oh! I start tomorrow!"

Say it with flowers,
Say it with sweets,
Say it with kisses,
Say it with eats,
Say it with jewelry,
Say it with drink,
But always be careful
Not to say it with ink.

"Ain't it—the Truth"

No rug on the floor—happy. Hundred dollar rug on the floor—dissatisfied. Five hundred dollar rug on the floor—jealous of the Joneses. Thousand dollar rug on the floor—five hundred dollars in debt.—The Paper Book.

BETTY AUER



This sweet little miss of 20 months is the daughter of Mr. and Mrs. Walter G. Auer. She did not know a great deal about Christmas last year, but she is all pepped up with anticipations of the coming of Santa Claus this time.

YOUR RESPONSIBILITY

Six per cent is considered a good yield on any safe investment, says an exchange. On this basis, \$17,000 in cash must be invested safely, to yield \$1,000 a year in interest.

The average employed person usually has no investment in his employer's business other than education and possible experience. If he receives \$25 a week in salary he is earning equal to a 6% return on a \$17,000 cash investment. At \$50 a week, his net income is about the same as that of his employer on an investment of \$35,000.

The employer is responsible for the entire business—its production, its sales, its collections, its endeavors, its good will, its countless worries—while the employe has only the responsibility of his own job.

IT'S ALL THE SAME TO HIM

Passer-by—Dear me, my good man, did you fall down the steps?

Drunk—Yea, but it's all right. I was going down anyway.

"Didn't you used to play for Colorado?"

"Yeh. What about it?"

"I thought so; I've heard Pike's Peak about you."—California Pelican.

WORDS, WORDS, WORDS!

Too Many of Them Find Their Meaningless Way Into Business Letters.

When Palonius asked the distraught prince of Denmark, "What do you read, my Lord?" the gloomy Hamlet answered, wearily, "Words, Words, Words."

This was recalled to our memory the other day when we picked up a nice, fat envelope from the morning mail and opened it to find three pages of solid typewriting, between 1000 and 1200 of the things that worried Hamlet, namely words.

Courtesy and duty compelled a reading of the letter and upon finishing it, again the wisdom of the great bard of Avon flashed across our memory in the words of Bassanio speaking of Gratiano: "His reasons are like two grains of wheat in a bushel of chaff, you search all day ere you find them and having found them they are not worth the search."

A skilled newspaper writer with 1000 words will give you a graphic tale of a great disaster, an outstanding athletic event or a scene of splendor.

And yet it took this number for the letter writer to tell the few business facts which he wished to present.

Letters of this character fall short of their purpose. The reaction is very likely to be contrary to the desire of the writer, because the recipient, if he gives time to read them ends with a sense of irritation, if not actual hostility to the writer.

Some authorities claim that a business letter should never be longer than one letter size sheet of paper. Any average business letter can be condensed into this space.

Most writers of letters like to use words. Direct statements in the briefest way without superfluous verbiage are much more desirable and effective.

Facts loaded to the muzzle with words frequently modify or distort meaning, or confuse the reader in his efforts to interpret correctly. In any written message on any subject, clarity is a primary essential.

Letter writing is an art in which not many of us may be classed as proficient, much less perfect.

Some Kind of Okaw

"What do you think of the new cook's pudding, dear?"

"It's mediocre."

"Oh, no it isn't—it's tapioca."

Per Usual With Parties

Cop—Who was driving when you hit the other car?

Man who gave the party (triumphantly)

—None of us, we were all on the back seat.

Which One?

Judge (to Bigamist)—The jury declares you not guilty; you may go home.

Prisoner—Which one, Judge?

Tom, Joe and Jack



"Tom, Joe and Jack", reading right to left, at the "Mike" at W S M, Nashville, Tenn.

On most any Monday evening while the radio is working nicely, tune in on W S M, the National Life and Accident Insurance station of Nashville, Tenn. Then listen for "Tom, Joe and Jack."

Tom, is Tom Mooney, salesman for the Mueller jobbers of Nashville, Tenn., the Plumbing and Heating Supply Co. He is as good in selling Mueller brass as he is at entertaining the public over the radio. He is a celebrated Nashville entertainer and is also known as an after dinner speaker. However, he wishes to correct this last, as he says that he only speaks at civic club luncheons and he doesn't get any dinner there to talk after.

Tom is a living example that a plumbing and heating supply salesman can be nationally known and appreciated. We have never seen him wear loud checked suits or smoke fat cigars with fancy bands, or do any other funny things that the movies would have us believe that a salesman does. He is a true Southern gentleman and does not even appear comical until you hear him over the radio.

Joe, is Joe Combs, ex-vaudeville artist, and is a member of the M. S. Combs Undertaking Co., of Nashville, Tenn.

Jack, is Jack Keefe, also ex-vaudeville artist and is now a popular Nashville attorney. He is also associate director of W S M, the National Life and Accident Insurance Co., shield station.

SOME CURIOUS INVENTIONS

A glass hat for women, which admits health giving ultra-violet rays. Maybe, but ladies who wear them will please be careful about leaving them on vacant seats in darkened movie theaters.

Persons who have bright thoughts after retiring will welcome a new fangled pencil with an electric light attachment which illuminates the paper.

A stick of gluey substance carried in milady's hand bag, stops runs in silk stockings if applied when first discovered, but laundering takes it out.

A cylindrical pressure apparatus which enables you to replace a swollen cork into the neck of a bottle. Not much good. The demand now days is just the reverse—getting swollen corks out of the necks of bottles in order to get the contents through the neck of a bottle into your neck. That's a real necking party.

Dad Knew Best

In a tired voice, Pat was lamenting, "Last night, at 2 o'clock in the mornin' whin I was walkin' up and down the flure with me bare feet on the oilcloth, wid a crin' child in aich arm, I couldn't help but remember that me father wanted me to be a priest, and I thought I knew better than he did."

Sister—I'm an artist.

Brother—I'm an artist also.

The Unnecessary One—Oh, I see a pair of drawers!—Rutgers Chanticleer.

(Continued from Page 3)

poke bonnets and shawls with the welcoming party at the door and a glimpse of the fireplace inside, we are apt to lose our modernism and wish for the old days, but we don't really want them. We'd much rather have cement highways and heated autos to make our Christmas journeys in.

England may have "seen it first", but there is not a Christmas more jolly and of more good cheer in an English home today than there is in the average American home.

The home still retains all that is good of Christmas—the spirit of the day, the kindly feeling, good cheer and merriment and the thought of making others happy.

We love it just as much as those of olden times and are just as sincere and earnest in the observance of the day.

I have failed in a thousand cases,

But I still have the heart to try;

I am scarred in a hundred places,

No darling of Luck am I!

In many a crucial hour

I have hoped, and been scorned and kicked;

But never has Fate had the power

To convince me that I was licked.

I ask for no unearned pleasure,

No pathway through flowery lanes;

I offer a full, fair measure

Of efforts for all my gains;

I'll try, though the pace be grilling,

Nor whine if I'm tripped or kicked,

As long as my soul's unwilling

To let me believe I'm licked.

Kalends of the Waverly Press.

Abie—Vot is de idea of raising de price of gasoline all de time?

Garage Man—What do you care? You haven't got a car.

Abie—No, but I got a cigar lighter.

Down to Breakfast

The Hostess—Good morning, Mr. Kelsey. How did you sleep?

The Guest—That's what I want to know.

Present-day love at first sight is based on more information than a year's acquaintance in the past.

HER REASON FOR NOT GOING



George—Did you ever visit the art museum?
Vera—No. It never happened to be raining when I passed it.

MENTAL TENDERFEET

Dr. Robert E. Legge, head of the University of California Infirmary, gives a few rules for mental health to students but they apply to every day life as well:

1. "We should," he says, "harden ourselves to endure slights, criticisms, prejudice and even abuse. This is highly important if the mind is to be kept unwounded and healthy. Extreme sensitiveness is unhealthy."

2. "Acquire the habit of emotional self control. Conscious repression is a source of health."

3. "Learn to relax. Muscular relaxation removes fatigue, both physical and mental."

4. "Imitate good models. First realize that you are bound to imitate in almost every act of life. Then surround yourself with people you want to resemble in given qualities. Keep away from others."

5. "Increase your physical and mental lightness. We walk too heavily, think too heavily, play too heavily."

6. "Establish health motivation principles. Be sure your ruling motives are good. Don't be impelled by hatred, jealousy, and so on, as many people are, even when they do good things."

7. "Establish normal relations with other people—normal morally and socially. City dwellers often live in an abnormal world. Establish a healthy philosophy of living, have a good goal. You may change it occasionally, but be sure of what you want to accomplish today, tomorrow, next month and in ten years."

8. "Improve the senses. Exercise them. Learn to see more, hear more, taste more, smell more, and touch more accurately. Exercise the senses deliberately every day."

9. "Put aside unhealthy images and ideas. Don't fight them particularly, but turn your attention to something else interesting and healthy."

10. "Increase the accuracy of your thinking. Exercise the mind while at work and at play. The good mind is both firm and swift."

11. "Control your attention. Always attend solely to the matter in hand. Your capacity will increase by this exercise."

12. "Never let attention dwell on the useless or painful."

WE AGREE!

"Is an editor a man who puts things in the magazine?"

"No, you fool, an editor is a man who keeps things out of the magazine."

Sweet Young Thing (visiting country)—Why are you running that steam roller over that field?

Farmer BJones—I'm raising mashed potatoes this year.

Teacher—Use the right verb in this sentence, "The toast was drunk in silence."

Pupil—"The toast was ate in silence."

WHAT ABOUT SMITH AND JONES?

Some Interesting Facts About English Names
In America

More than one-half the people in America bear names of English origin if Howard F. Barker, writing in *American Speech*, has his data right. He gives the figures at 66,256,000.

Some of the more conspicuous among these common English-American names are commented upon. Their original strength in the old country is computed, and followed by their estimated frequency in the new country.

Thus it is shown that the name of Moore is possessed by 123,600 people in England and Wales, by 6400 in Ireland, while in the United States there are 161,500 who bear it. It ranks tenth in popularity in the country.

There are certainly more Bakers in the land than there are members of the profession of bread-making. The figures show a number in excess of 212,000, and place this name thirteenth in national popularity.

Carter boasts of 161,500 adherents, and Lee of 183,200. Harrison and Harris seem to have become badly mixed in their transplantation, so that it is often difficult to separate them. The latter seems to have grown, often, at the expense of its longer brother. Thus there appear to be but a little more than 93,000 supporters of the dignified Harrison to some 291,700 of the shorter and more homely Harris.

The Parkers and the Halls both number more in America than in England. The Greens, too, are numerous, ranking twenty-sixth in popularity, with 232,300 members.

But even they are few in comparison with the number whose name is Davis. If brought together in a single spot these would more than make a city the size of the national capital. There are, in fact, 537,900 all told scattered throughout the country.

Numerous too are the Robinsons, the Bennetts, the Turners, the Wards and the Coopers, but they cannot show such large ranks as the Greens and Davises can muster.

NON-ESSENTIALS

The reasons that many of us fail to accumulate money is our inability to recognize non-essentials—things that are not required for personal comfort or physical well being.

Russell Sage accumulated millions, and kept most of them, but he had good health, all necessary comforts, some luxuries and lived to be an old man, a power in financial circles until his death.

Riding with a railroad president in his private car, the official pointed out to Mr. Sage a device which recorded the speed of the train.

"Does it earn anything?" asked Sage.

"Why, no, it doesn't earn anything."

"Does it save anything?"

"Why, no, it doesn't save anything; it's

OTTO SHARLOCK, PITTSBURG REPRESENTATIVE OF MUELLER CO., AND HIS BOYS



intended just to tell how fast the train is traveling."

"Well, if it doesn't earn anything, and doesn't save anything," remarked Mr. Sage, "I would not have it on my car."

There is the story in a nutshell. It's the non-essentials that prevent most people from saving money against a rainy day. There are more of them today than ever before in the history of the world. It requires a strong mind and a stout heart to resist them successfully.

"See here," said the angry visitor to the reporter, "what do you mean by inserting the derisive expression 'Applesauce' in parentheses in my speech?"

"'Applesauce'?" Great Scott, man. I wrote 'Applause.'"

"I say, doctor, did you ever doctor another doctor?"

"Oh, yes, often."

"Well, tell me this: Does a doctor doctor a doctor the way the doctored doctor wants to be doctored, or does the doctor doing the doctoring doctor the other doctor in his own way?"

Fannie—Why, it's only 6 o'clock. I told you to come after supper.

Matty—That's what I came after.

THE 1927 FASHIONS

How Lizzie Was Adorned During the Past Summer Season.

Persistent ridicule has killed many a worthy endeavor. Once upon a time we foolishly thought that Lizzie would be "laughed out of court", but our judgment proved to have been of the garbage can variety. Lizzie simply thrived on ridicule, and even those who drove her joined in the revelry. Here are some of the fun which owners had with their cars during the past.

They were not all Lizzie cars, although the man who collected the signs says that most of them were.

"Nash Can."
 "Oil by Myself."
 "Sick Cylinders."
 "The Stuttering Stutz."
 "Four wheels, all tired."
 "I may be shiftless, but I'm not lazy."
 "Fierce Arrow, with a quiver."
 "100 per cent A Meri Can."
 "Just see what \$12.60 will do."
 "99 per cent Static."
 "Chicken, here's your coupe."
 "Rolls Oats."
 "Danger! 20,000 Jolts."
 "Vertical Four."
 "Struggle Buggy."
 "Baby Lincoln."
 "The Uncovered Wagon."
 "Little Bo-Creep."
 "Honest Weight—No Springs."
 "I do not choose to run in 1928."
 "Why Girls Walk Home."
 "Dis Squeals."
 "Mah-Junk."
 "Pray as You Enter."

—Exchange.

LITTLE WILLIE'S EYES

"Be observing, my son," counseled Willie's father. "Cultivate the habit of seeing and you will become a successful man."

"Yes," added Willie's uncle. "Don't go through life like a blind man. Learn to use your eyes."

"Little boys who are observing get on much faster than those who are not," Aunt Jane put in.

The youngster took their advice to heart. A day passed and once more he stood before the family council.

"Well, my son," said his father, "have you been using your eyes?" Willie nodded. "Tell us what you've learned."

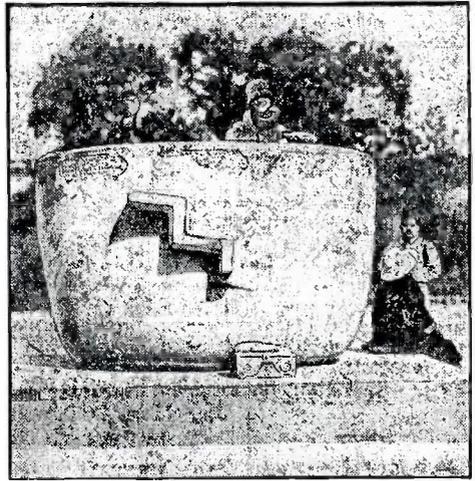
"Uncle Jim's got a bottle of whiskey hid behind his trunk," said Willie. "Aunt Jane's got an extra set of false teeth in her dresser, and pa's got a deck of cards and a box of chips hid behind Emerson's Essays in the bookcase."

"The little sneak!" exclaimed the family with one voice.

"Babe Ruth walked twice today."

"Gosh, she should be more careful whom she rides with."—Cornell Widow

BETTY IN BATH TUB



Somewhat invisible, perhaps, as a young woman should be in a bath tub, Miss Betty Walbridge, a globe trotter from New York, is having a strange experience as pictured above.

She is occupying the private bath tub of Jahangir at Agra. There is no danger of the owner catching her in the act. He was one of the emperors of the Great Mogul line in India and the last time that he used the tub was centuries ago.

Agra is a district in India covering 83,000 square miles and has a population of 36,000,000. For 150 years it was the capital of the Mogul rulers, but was superseded in 1658 by Delhi.

Agra's most famous feature is the wonderful Taj Mahal, a marble tomb built for the queen by Shah Jehan. This is said to be the most beautiful structure in the world. This Shah Jehan seems gifted with an eye for the magnificent, as witness the Moti Masjid or Pearl Mosque, and the Jama Masjid.

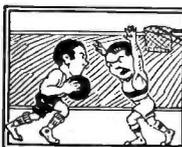
Even with untold wealth, and thousands of cringing subjects to carry out their every wish, one stands amazed at the glorious magnificence and unbridled extravagance of these Mogul rulers of the Ancient City of Agra.

In keeping therewith it is not a matter of large surprise that Jahangir required a bath tub five feet high and eight feet in diameter cut from a single block of porphyry.

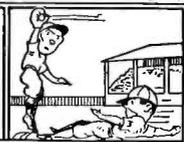
Imposing as it is, causing we moderns to gaze upon it pop-eyed and open mouthed upon it, to say nothing of climbing the gang way at the side to get in it, there isn't a plumber in the United States who could sell it for a bath tub today.

It's old stuff.

The prize book of Czechoslovakian verse goes to the pathetic goop who thinks that a violin is a bum hotel.—Middlebury Blue Baboon.



Athletics



The recently organized Mueller Junior Recreation Club is in a thriving condition with a membership of sixty. The single requirement for membership is that they be sons of Mueller employes, and from 9 to 15 years of age. The club meets in the gymnasium every Saturday morning. Strict discipline is enforced.

Physical Director Bill Cranston gives athletic instruction, with the aim of building up strong, vigorous young men. The boys are given advice on the value of clean living, correct habits and proper care of the body. The following activities planned will eventually be featured in proper seasons, both in the gym and on the athletic field:

Military training, as a basis for strict discipline; calisthenics, boxing, setting-up exercises, basketball, volleyball, indoor baseball, archery, tennis, croquet, horseshoe pitching, outdoor baseball, track and field meets, playground ball, hikes, goodfellowship games, camping and general organized play.

Cranston says: "We will gladly cooperate with public school coaches in developing promising talent among the Mueller Juniors. The field of physical training will be thoroughly covered from A to Z, every step of the way. The boys will be given all the advantages of the best thoughts of others combined with original ideas. Strictly amateur boxing shows between evenly matched boys, no slugging permitted, will be staged occasionally for the entertainment of parents and friends."

BASKETBALL

The Night Hawks have played several games of basketball recently with the following results:

Lost to Assumption by a score of 31 to 28.

Won from the Grace M. E. Church league team 25 to 17.

Won from Bethany by a score of 27 to 15.

The Macon basketball team won a game from the Drafting Dept. by a score of 36 to 16.

NIGHT HAWKS 28, ASSUMPTION 31

Night Hawks (28)		Assumption (31)	
F.	G.	F.	G.
Masters	1 0	Cherry	0 0
Baum	2 0	Linder	9 1
Anderson	9 0	Cunningham	1 0
Richhart	1 0	Ramsey	2 0
Hanson	0 2	Donavan	3 0

NIGHT HAWKS 27, BETHANY 15

Night Hawks (27)		Bethany (15)	
F.	G.	F.	G.
Masters, rf	8 0	Stables, rf	3 1
Baum, lf	3 0	Craig, rf	0 0
Anderson, c	2 0	Harding, rf	0 0
Richhart, rg	0 1	Bair, lf	1 0
Hanson, lg	0 0	Rhodes, lf	3 0
		Ray, c	0 0
		Barr, c	0 0
		Goetz, rg	0 0
		Cordray, lg	0 0

MUELLERS 32, ILLIOPOLIS 26

In a fast game of basketball Saturday night, December 10th, the Mueller Night Hawks defeated the Illiopolis Indees 32 to 26 on the Mueller floor. The brilliant features of the game follow: Chester Baum's passing the ball from backfield to his team mates within shooting distance; Capt. Richhart's excellent floor game in dribbling and passing; Ted Anderson's scoring of twelve points through the enemies powerful defense, and Master's four field goals. Sloan of the visiting team made five field baskets. He was one of the stars of the game.

Muellers (32)		Illiopolis (26)	
G.	F.	G.	F.
Masters, f	4 2	Householder, f	3 0
C. Baum, f	1 0	McGee, f	0 0
F. Anderson, c	4 4	Lmpx, f	1 0
Richhart, g	3 0	Williams, f	2 0
Hanson, g	1 0	Sloan, c	5 0
G. Anderson, g	0 0	Whistler, g	1 1
		Delaney, g	0 0
		Redman, g	0 1
		Murphy, g	0 0

(Continued on Page 22)

PERFECT CONFIDENCE



Marion—It's ridiculous to say that my diamond ring isn't genuine—I trust Frank implicitly.
Doris—But if I were you I'd consult a jeweler.
Marion—Oh, I've already done that.

THE FRIENDLY HAND AT CHRISTMAS

Christmas does not spell happiness for all. To many it brings a sense of "sadness and longing, that is not akin to pain". They are those lonely, aloof persons whose isolation from friends, relatives and home is emphasized and enlarged by the prevailing spirit of happiness. The joy of giving or receiving a Christmas gift is unknown to them. A friendly hand clasp, a cheery word or a hand on the shoulder may mean a momentary respite from their spirit of sadness and longing.

The thought expressed by James Whitcomb Riley in his poem "The Friendly Hand" seems an appropriate one for Christmas time.

NOT A LOST ART

High Authority Gives Valuable Information on Hardening Copper.

Most of us are too indifferent, if not too lazy, to investigate things told to us. It is much easier to accept these as the truth and to repeat them as such. This is why there are tons of misinformation floating about.

Take the hardening of copper as an example. The ancients hardened it to a cutting edge. They made swords, daggers, battle axes and other implements of sanguinary and domestic utility. Today copper is one of the most ductile of useful metals. We all talk knowingly of the "lost art" of hardening copper, and as per usual when discussing subjects to which we have not been formally introduced, do it with an air and knowing look of familiarity resulting from deep study.

Then about once a year or oftener newspapers flash a scare head on us about the rediscovery of "the lost art of hardening copper". The discovery is pointed to as a coming multi-millionaire and civilization as prospective legatee of numerous benefits and blessing. It always makes good Sunday reading.

And now comes an authoritative organization like the Copper & Brass Research Association and gives us the following valuable information:

"How the ancients hardened copper is a mystery to many otherwise competent scientists who classify this process among the "lost arts". Every year, according to the

Copper and Brass Research Association, thousands of dollars are spent in an effort to re-discover this supposedly forgotten formula.

That there is no justification for the popular belief that the early process of hardening copper has become a "lost art" is pointed out by William G. Schneider, metallurgist of the Association, in a paper just prepared for the Engineering Foundation of the United Engineering Society. He declared that "present-day metallurgists not only understand how the ancients hardened their copper and bronze, but also know how to produce copper and bronze products that are even harder than those left to us and which represents the evidence of the so-called lost art of hardening copper."

It is pointed out that the ancients produced cutting edges on swords, daggers, knives and other implements by hammering or cold-working the metal. Early metal-workers used this method to harden both bronze and copper implements. The implements were often heated in open fires, resulting in the formation of considerable copper oxide which alloyed with the copper and hardened it. Misguided individuals who claim to have rediscovered the art of hardening copper commonly make the mistake of heating it in a forge. In this way the metal became saturated with

copper oxide that combines with the copper to form a much harder and more brittle product.

Two methods of hardening copper are regularly practiced today, just as they were centuries ago. One of these consists in alloying the copper with some other metal or several other metals, such as zinc, tin, nickel, cadmium, chromium, cobalt, silicon, aluminum, iron, beryllium and arsenic. The other method is to cold-work the metal or copper alloy. In fact, says the paper, it is possible to work the metal to such a stage of hardness that a slight amount of additional work will cause it to break. All copper hardening may be credited to either of these methods, or a combination of the two.

Microphotographs of an ancient copper spear-head indicate that it is extremely hard and that apparently this hardness was obtained by cold-working.

THE FRIENDLY HAND

When a man ain't got a cent, an' he's
feelin' kind o' blue,
An' the clouds hang dark and heavy,
an' won't let the sunshine through,
It's a great thing, O my brethren, for
a feller just to lay
His hand upon your shoulder in a
friendly sort o' way.

It makes a man feel curious, it makes
the teardrops start,
An' you sort o' feel a flutter in the
region of the heart;
You can't look up and meet his eyes;
you don't know what to say
When his hand is on your shoulder
in a friendly sort o' way.

Oh, the world's a curious compound,
with its honey and its gall
With its cares and bitter crosses, but
a good world after all.
An' a good God must have made it—
leastways, that is what I say,
When a hand is on my shoulder in
a friendly sort o' way.

—James Whitcomb Riley.

Mr. Schneider points out that while it is possible to make scissors, knives and other cutting tools of copper, such implements under ordinary conditions offer no advantages over tools made from steel. Occasionally, however, it becomes necessary to use copper or bronze tools, such as knives. Bronze knives are virtually essential in a powder plant or other establishment where sparks must be avoided.

"Not only do many persons spend a short while endeavoring to rediscover an art that never was lost, but some of them devote a whole lifetime to this effort. The tragedy, or rather, the denouement, occurs when they have evolved a hard copper. They next endeavor to find some use for it and then learn that, unless it has some special properties, no market exists. Copper wire, hard drawn, has a tensile strength of about 65,000 pounds per square inch and an elongation in 10 inches of about one per cent., with a conductivity of about 97 per cent. This affords some basis on which to work when endeavoring to develop the hardening of copper. If, for example, it were possible to harden copper so that the tensile strength were materially increased above that just stated, without reducing the conductivity, a worthwhile discovery would be made.

"Some recent methods of hardening copper by alloying have, to a certain extent, come about as near to actually 'tempering' copper as would seem possible. In these methods the metal, silicon, plays a most important part because it forms silicides with other metals which in turn form eutectics with the copper. The deoxidizing effect that silicon by itself exerts plays no unimportant part in finally allowing the metal to be worked and by heat treatment to develop a high strength, with a relatively high conductivity. This latter, however, is considerably below that of pure copper and second only, speaking of alloys from the standpoint of both strength and conductivity, to those of copper and cadmium. Alloys of copper with cadmium give, for a stated conductivity, higher strengths than those with silicon."

Not Humor, Naked Truth

Jim—Who writes the advertisements for the bank?

Jack—I don't know, but I'm sure it is not the same man who makes the loans.

See You Later, Doc!

Stranger—Do you have to see a doctor in this town before you can get booze?

Hotel Clerk—No, afterwards.

New Cross Word Puzzle

Do you know a ten word meaning hold up?

We won't keep you waiting. It is "Suspenders".—Outlook.

"What animal is the nearest to man?"

"I'll bite."

"The cootie."—Cornell Widow.

HEIBOWITZ-MILLER

Miss Margaret Heibowitz and Karl Miller were married at St. Johannes church, November 5, 1927. Rev. Wm. Heyne officiating.

The young couple were attended by Miss



Margaret Behrend, Miss Helen Stein, Carl Gross and Edwin Augustin.

The bride has been a member of our organization for over a year, being employed in the office of E. H. Langdon, personnel director. The groom is employed in the Park department of the city of Decatur.

Mr. and Mrs. Miller will make their home at 2478 East Cantrell street.

HENDRIAN-NOVAK

Miss Marie Hendrian and Walter Novak were married at 4:30 o'clock Thanksgiving day in St. Johannes Lutheran church by Rev. William Heyne. Miss Martha Hendrian, sister of the bride, was maid of honor, and Miss Ruth Novak, sister of the bridegroom, bridesmaid. Edward Novak was best man, and Walter Leibnaur of Toledo, O., groomsmen. William Brix of Decatur and Winifred Neuendorf of Springfield, were ushers.

Following the ceremony a wedding supper was served in the home of the bride's parents, Mr. and Mrs. Chris Hendrian, 1040 North Calhoun street for members of the two families. Mr. and Mrs. Novak will be at home to their friends in 1715 North Edward street.

Old Darcy (to shiftless friend)—I hearn tell you is gwine to pay me dat dollah you owes me. Is you?

Friend (indignantly)—I ain't saying I ain't.

Old Darcy (severely)—I ain't ask you is you ain't; I ask you ain't you is?

What is a Faucet?

Once in our supreme confidence we thought we knew. But now, we are disillusioned and in our state of uncertainty would most assuredly decline to place any money on the proposition.

Locality has a great deal to do with it. Some of the names under which this very useful and indispensable article masquerades are:

Water Tap	Bibb-cock
Tap	Stop
Spigot	Fasset
Bibb	Fawcet

(Extra fancy used only by ultra fashionable.)

It all depends on early education and environment. "Tap" is English, and Spigot down east vernacular. Faucet is the name upon which manufacturers have agreed.

It's the same old "rose by any other name would smell as sweet stuff." Whatever you call it, the duty and service it performs is the same.

There is no name too sweet, too high-sounding for an article so useful to mankind.

There are many varieties of faucets. For example:

THE PLAIN SINK FAUCET



The illustration above shows a Mueller Sink Faucet, which is one of the best known patterns in use. In principle it has changed but little since the days of ancient Rome, but that is when the simile butts into progress and flattens out with a fractured bean. The refinements have been many in pattern, mechanism and finish. These faucets are used in pairs, cold on the right and hot on the left side on sinks, and for many other purposes where the service demands only a plain faucet.

THE COMBINATION

The combination is the newest and most popular sink fitting and one of the new things in plumbing. It has several decided advantages over the single type faucet because of its many added conveniences. It is a one piece design fitting the center of the back of the sink. Water is delivered through one spout. Cold or hot or tempered as may be desired. Attached to the combination is spray. By pushing down or pulling on the knob in the center the stream of water can be directed through the spout

or through the spray at will. The addition of the spray is a distinct and much appreciated convenience, making a strong appeal



to women. Dishes can be washed or rinsed by the use of the spray, vegetables washed, plants watered, etc. It keeps a woman's hands out of the water, and no woman wants her hands in hot dish water. This style of fitting is used in practically all new houses, but can be installed on any old sink with 8" centers.

THE BATH FAUCET



This style of faucet is familiar to all. It is a bath faucet and there are more of this type in use than any other kind. While plumbing is going to built-in equipment, the bath faucet of this type has a wide demand. Another popular type made by us is similar to the above pattern but has a hose permanently attached like the Combination Sink faucet.

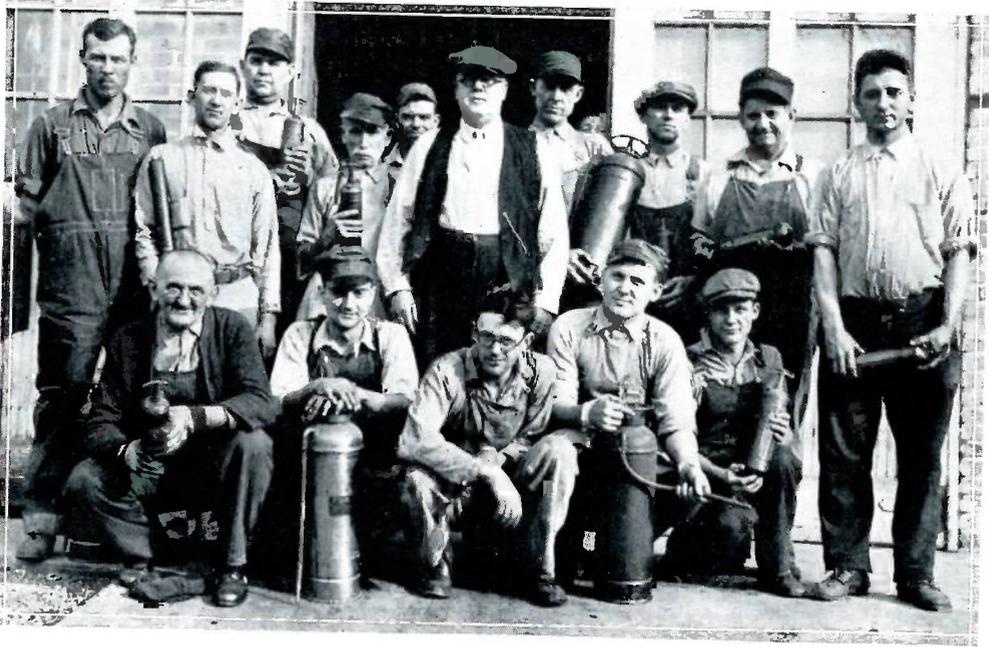
LAVATORY FAUCETS



There are many styles in Lavatory faucet. In early days they were made with consid-

(Continued on Page 18)

Jack's Fire Fighters



A factory such as this with frame buildings covering a considerable area necessarily runs a high fire hazard. From every point of view it is desirable to protect this plant from fire. In realization of this fact, the Company employed in 1919 Chief John Duffey who had many years of experience in the Decatur fire department, and on the police force.

Since Chief Duffey has been with the Mueller Co. he has carefully organized various forms of fire protection throughout three plants and in all departments. The fire fighting equipment such as hose, chemical extinguishers and the like are kept in the best of condition and are inspected each day. The chief, himself, sees to that.

Of course importance is an alert and trained group of fire fighters who know exactly what to do in an emergency. Such men have been selected and trained in each department. The moment an alarm sounds they take their places and in an amazingly few seconds they are ready for action. This organization covers the three plants and both night and day shifts. There is a wholesome rivalry among the different groups to be alert and efficient.

In a department fire drill recently an observer heard the whistle blow and while the chief's hand was still on the cord his fire fighters were assembled about him ready for instruction.

The watchmen, particularly on the night shift, have their instructions in regard to

handling the sprinkler system, giving and in meeting such emergencies as might arise in connection with a fire. They also have definite instructions in regard to turning in an alarm both to the city fire department and to the firemen in the plant.

All buildings are protected by an automatic sprinkler system which is also under the supervision of the fire chief and it is subject to frequent inspection.

Recently a fire got started in the Core Department and the inside fire fighters had the blaze extinguished before the city fire department arrived.

One further important feature of fire protection is cultivated by Chief Duffey. He has carried on a campaign of education to impress upon the individual workman his responsibility in protecting the plant from fire. The workman has perhaps more at stake in the continued operation of the plant than anyone else and in avoiding fire hazards he is protecting his job and income.

Expressive

A Chinese taxicab driver sent in the following bill for trips made:

Ten goes,

Ten comes,

At .50 a went, \$5.00.—Coast Banker.

A scientist has perfected a machine that cures insomnia. This should put thousands of sheep out of work.—Life.

FACE POWDER AND GUN POWDER

Chicago Paper Stops Half Way in Interesting Comparison.

Beauty costs the women of America an estimated \$1,825,000,000 a year, says the Chicago Tribune. That is their annual bill for the whole works—powder and creams, lipsticks and perfumes, facial massages and those paradoxical permanent waves guaranteed for three months. It does not include clothing.

National defense costs the taxpayers of America, according to the budget, \$680,537,642 a year. Of this sum \$366,722,142 goes to the army, and of this latter sum \$281,616,286 is for purely military activities. The navy's share of the total is \$313,815,500.

National defense costs the nation 37.29 per cent of what it takes for the nation's womanhood to look its best.

What powder and paint are to woman, powder and projectiles are to the national defense. The army ordnance department budget calls for \$9,678,912, of which \$4,499,528 is for munitions. The navy ordnance department budget calls for \$13,230,000. A total for both ordnance departments of \$22,908,912, or one-eightieth of the annual beauty bill.

Face powder is an easy winner over gunpowder in the American scheme of life. If looks could kill, we should be the best prepared nation on earth.

We do not question the correctness of the Tribune's figures. But why pick on the women?

This is a country of somewhere around 120,000,000 people, and at least half are males.

We will admit without argument, and to be conservative, that 10 million males shave themselves. This leaves 50 million who patronize barber shops. Two shaves per week at 25 cents per shave is a fair average. Fifty cents a week for 52 weeks means an annual expenditure for shaving of \$26.00. The annual shaving bill therefore, of 50 million men is \$1,300,000,000.

It's ultra conservatism to say that each of these fifty million men will require eight shampoos per year at a cost of \$200,000,000.

Next they must have hair cuts—say about eight per year at 50 cents per cut, amounting to \$4.00 yearly, or a total of \$200,000,000. The recapitulation shows:

Shaving	\$1,300,000,000
Shampoos	200,000,000
Hair Cuts	200,000,000
Miscellaneous	200,000,000

Total\$1,900,000,000

There are other items of tonsorial art to be considered such as massages, manicures, egg shampoos, tips, shines and what not that run into big money, probably \$200,000,000 a year.

These figures are not out of proportion.

We once knew a young man working for \$12 per week, who never got out of a barber's chair short of \$1.75, and he always got out smelling like the explosion of a Parisian perfume factory. He liked it if his friends did not. There are thousands just like him. If brains had been measured by odors he would have been the smartest man in the world.

After all men are just as guilty of vanity and a desire to look well as the women and pay \$75,000,000 a year more to do so.

It would seem therefore, that our combined beauty and barber bills cost us \$3,725,000,000 a year and neither lack of defense funds or actual war is going to stop it.

SOME RAILROAD PRESIDENT

How far into details should a railroad president go?

This story is told about George F. Baer, late president of the Reading:

Mr. Baer was sitting on the porch of his home at Reading one Sunday afternoon when a rustic carrying a satchel approached.

"Is this where the president of the Reading lives?" inquired the stranger.

"Yes," answered Mr. Baer, "this is where he lives."

"Are you Mr. Baer?"

"Yes, I'm Mr. Baer."

"Well, how much," asked the man with the satchel, "does an excursion ticket to Niagara Falls cost?"

"Sorry, but I do not know," replied the president.

"What!" exclaimed the astonished caller. "Don't know the price of a ticket to Niagara Falls! You are a hell of a railroad president."—Philadelphia Inquirer.

"Why the gloom, Osmond? Girl not coming to the dance?"

"Oh, she's coming all right, but she can't even send a telegram without saying 'stop' after every sentence."—Penn. State Froth.

The hope of the jay walker is the airplane.

TOO LATE



Country Cousin—What a climb up those stairs to this office!

City Relative—Why didn't you take the elevator?

Country Cousin—I meant to, but I just missed the blamed thing.

A Constitutional Right



plumbing trade. "Personally," says Mr. Groninger, "I believe this should be properly recognized by the plumbing trade because of its educational value."

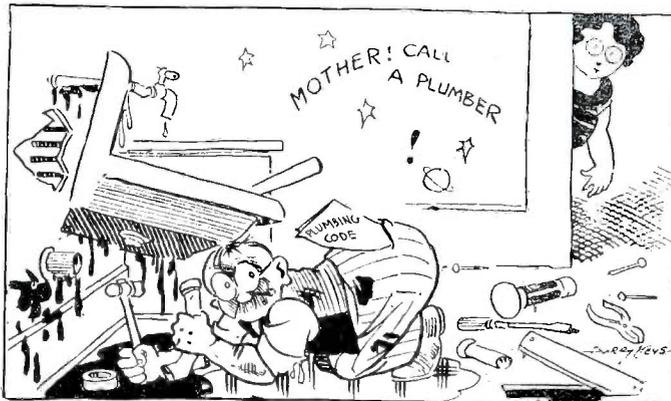
In connection with the above cartoon the Columbus Citizen made the following editorial comment.

"City Attorney Leach holds that a property owner has a constitutional right to install his own plumbing. * * * This will

The city of Columbus, Ohio, is considering some change and improvements in the plumbing code and this has provoked a considerable discussion among the aldermen and the people of that city. The city attorney was called on for an opinion and among other things said that an owner had a constitutional right to install his own plumbing provided that in doing so he did not violate any health regulations.

Cartoonist Keys of the Columbus Citizen got interested and published a cartoon, "His Constitutional Right," which is republished herewith. The plumbing trade will appreciate it, and it will recall to some men who try to do their own work a similar experience. There are a lot of them left who believe they can do plumbing.

Wm. G. Groninger, consulting Sanitary Engineer, sent us a copy of this cartoon, which we are glad to spread before the



GUIDE Council in formulating the new plumbing code. Of course, if a property owner puts in unsanitary plumbing the Health Board can act. * * * This, like a lot of other constitutional rights, is more important, perhaps, in PRINCIPLE than in PRACTICE. * * * We would fight, and rightly, if anybody tried to DEPRIVE us by law of our right to make our own shoes, though nobody exercises that right."

YE COUNTRY EDITOR

The truth is frequently told in humor by the editors of country newspapers. One cannot tell whether it was in the following item by a "needy" editor or whether he was merely dunning his delinquents:

"It is reported that one of the fastidious newly married ladies of this town kneads bread with her gloves on. This incident may be somewhat peculiar, but there are others. The editor of this paper needs bread with his shoes on; he needs bread with his shirt on; he needs bread with his pants on; and unless some of the delinquent subscribers to this 'Old Rag of Freedom' pony up before long, he will need bread

without a damn thing on, and Wisconsin is no Garden of Eden in the winter time.—Melrose (Wisc.) Chronicle."

From Another Age

If you can't pay for a thing, don't buy it. If you can't get paid for it, don't sell it. So you will have calm days, drowsy nights, and all the good business you have now, and none of the bad.—Ruskin.

A woman had spent an afternoon listening to the detailed accounts of her friend's illness, real or imaginary.

When asked where she had been, she replied: "I thought I was going to a tea party, but found it was an organ recital!"

(Continued from Page 14)

erable ornamentation which did not add much to artistic effect but made them excellent dirt catchers and hard to keep clean. The Mueller line has put on the market a perfectly smooth piece highly nickel polished. In the type shown above two are required for each lavatory.

DOUBLE LAVATORY FAUCET



The double lavatory faucet is one of the later developments in plumbing, and many like it much better than the single type. It can be installed on one side of the lavatory and a pretty vitreous china soap dish installed on the opposite side. Like the combination sink faucet it gives hot, cold or tempered water through a single spout, a pronounced convenience for those who like washing from a running stream.

These illustrations give you a general idea of plumbing faucets—fasset—tap—spigot, or whatever you want to call it—but faucet is correct, and if it is a Mueller faucet you can gamble that it is the top notch article.

TEMPLES TO CLEANLINESS

Cecil Roberts, English Writer, Pays Tribute to American Bath Rooms

Cecil Roberts, noted British writer, in a recent magazine story exclaimed: "Americans erect temples to Cleanliness—their bathrooms!" By birth-right and tradition the usual Englishman regards everything English as absolutely right. This tribute to American bath rooms is, therefore, both enlightening and surprising. Mr. Robert's metaphor is explained by history of the civilizations of ancient days when temples were erected and dedicated to gods that usually were but human virtues, personified!

Mr. Roberts found that sanitary bath-rooms were commonplace in America, while they are rare in England. He mentioned that in his country only the very wealthy had bath rooms with modern fixtures and running water, and those inferior to usual American standards. He said further that even moderately well-to-do families had nothing better than a "large iron saucer" for a bathtub!

How true it is that the stranger within our gates best appreciates our progress! How grateful Americans should feel that American standards are yet second to none!

Yet, according to the best information

THE UNIVERSE OF YOUR LIFE!

You wake up in the morning, and lo! your purse is magically filled with twenty-four hours of the manufactured tissue of the Universe of your life. No one can take it from you. It is unstealable. No one receives either more or less than you receive. Waste your infinitely precious commodity as much as you will, and the supply will never be withheld from you. Moreover, you cannot draw on the future. Impossible to get into debt! You can only waste the passing moment. You cannot waste tomorrow; it is kept for you. —Arnold Bennett.

available there are only about 5,000,000 dwellings in the United States which have modern, sanitary bathrooms! This leaves in excess 17,000,000 which are without proper means of modern sanitation and comfort. Moreover a survey made by the U. S. government bureau of infant mortality, resulted in a finding which proves that modern bathing and sanitary facilities would prevent four-fifths, or eighty percent, of the deaths, directly traced to the lack of it! Startling, and undisputable!

Truly it is time for every American to accept the fact that daily bathing is the best of health insurance; and that the modern, sanitary bathroom is necessary to any home before it has a right to be called "modern"!

PRESIDENTIAL CANDIDATES

The Record is not permitted to mix up in politics. If we cut in, some of the chips would hit some partisan in the eye and we'd be in trouble.

However we can make a suggestion:

Presidential candidates seem so scarce and apparently shy that we feel it a public duty to do something to relieve the situation.

Let some party put up Lindbergh and the other parties, whoever they may be, put up any one they choose and let the voters do the rest.

Good morning, President Lindbergh!

A VICIOUS CIRCLE

"Doris, have you been drinking?"

"No, mother."

"But your breath smells of liquor."

"Yes, father just kissed me good-night."

"But your father doesn't drink."

"I—I—I know, mother, but the iceman drinks, and he spends a lot of time with our French maid."

"Why can't you walk over to the street car with me, Tommy?" asked the caller.

"Because Ma said we were going to have dinner as soon as she could get rid of you."

School for Shop Boys



Considerable study has been made by the Personnel Department of the educational programs of various industrial concerns. There is a movement among the progressive employers to provide some practical school training in addition to what a boy may learn on the job. Schools in a number of cities have been visited and at last the company has adopted a program for the shop and school training of boys who are learning trades.

The first class met on November 16 with the boys present shown in the picture. They represent half a dozen different shops.

Arrangements have been made whereby they are allowed to leave the shop for half a day a week and come to a school room in the Personnel Department where study periods and classes are held.

The course of study is provided by the International Correspondence Schools prepared especially for apprentices. In addition to the four hours spent in school out of shop time the boys agree to spend four hours or more of their own time at home studying. They are allowed pay for the afternoon they are in school but they pay for the next book material.

The beginning work goes extensively into mathematics which is useful for shop men, and many of them are deficient in this branch. Shop economics, mechanical drawing and various forms of technical trade knowledge have their place. The course is expected to cover four years.

Not only should these young men become good mechanics but a course of this kind

should also prepare them to rise to supervisory and executive positions. The school classes are conducted by E. H. Langdon, Personnel Director. Martin Stratman, foreman of the Machine Shop is supervisor on shop practice.

DOG-GONE MAD!

A business man who had been irritated beyond measure by solicitors for this and that—tag-days, drives, and charity advertising—so the story goes, was bitten by a dog. He went on to "business as usual." When word got around his outer office and a couple of his irritants inquired solicitously of him:

"You have just been bitten by a mad dog!"

"Yes, I was." (Business of not looking up.)

"What! And you came right to your office?"

"Yes. There was some writing I felt I just had to get done." (Business of going on writing.)

"O, I see. Writing your will, I take it."

"No. Writing the names of the people I am going to bite when I go mad."—Nation's Business.

"What's the matter, little boy?" said the kind-hearted man. "Are you lost?"

"No," was the manful answer, "I ain't lost—I'm here. But I'd like to know where father and mother have wandered to."

Memphis, Where Master Plumbers

Memphis will be host to the Master Plumbers of the United States when they meet there on June 19, 20 and 21, 1928 for their annual convention.

Already the Master Plumbers of Memphis, supported by the citizens are preparing for this big event.

We feel that everybody concerned is going to be agreeably surprised.

Memphis is an aggressive and prosperous city of 200,000, well known by name and in the channels of commerce of the United States, but most of the Master Plumbers' wives and families have yet to see the beautiful southern city overlooking the mighty Mississippi.

And Memphis has yet to meet the fine body of business men who make up the National Association of Master Plumbers.

The eastern and western visitors in particular will be surprised in this thriving southern city with its sky-scrapers, fine hotels, attractive parks, and substantial homes.

And true southern hospitality will greet them on every hand. The pictures on the opposite page indicate the character of Memphis and her people.

Memphis is located on a high bluff on the east bank of the Mississippi and is the center of a rich agricultural section.

HISTORIC MEMPHIS

The only two railway bridges that cross the Mississippi River south of the Ohio are at Memphis, one of the two providing for free vehicular traffic. Eight national highways are routed through Memphis, five of them crossing the river on this bridge. Ten trunk line railroads with seventeen branches and the Mississippi River with its Federal and privately owned barge lines put Memphis in the middle of the transportation map and provide unsurpassed passenger facilities and freight rates that compare with those of rival cities.

Memphis is rich in historic interest and stirring incident. It was on the high bluffs at Memphis that Hernando DeSoto, intrepid Spanish soldier and explorer first discovered the great river that has played so large a part in the history and upbuilding of the city.

Among the city's beautiful parks is one on the river at the site where DeSoto and Chisca, chief of the Indian Tribe, met in solemn pow-wow in 1541. This park is named for the noted Spaniard.

DeSoto and his band of Spaniards tarried awhile then went their way leaving Chisca and his successors in undisputed possession of the Chickasaw Bluffs for a space of 132 years. The next record of the coming of the white man was in July 1672, when Joliet and Pere Marquette, French explorer and French missionary came down the river and

stopped at what was later to be the city of Memphis.

In May 1736 Jean Baptist le Moyne de Bineville sought to dislodge the Chickasaws and take over their territory, but failing in the attempt, turned south once more to New Orleans and Mobile.

By treaty between Spain and Great Britain in 1736, the territory on the Chickasaw Bluffs long claimed by Spain, was transferred to England. In 1783 it became part of the territory of the United States.

Five flags have floated from the bluffs where Memphis now stands. First there was the standard of Spain, then the French colors went up, to be replaced by the English. The fourth flag was the Stars and Stripes and the fifth was the banner of the Confederacy, the Stars and Bars. This fifth flag soon came down for it was in June 1862 that the famous gunboat battle of the Civil War took place on the river just north of Memphis, resulting in defeat for the Confederate forces and occupancy of the city by the Federal troops.

The city of today covers 25.5 square miles. Here are some of the things in which the city claims pre-eminence.

PRE-EMINENCE

It is the south's largest distribution point for automobiles, farm implements and hardware and one of the largest for iron and steel.

The greatest inland cotton market in the world, handling 1,999,630 bales last year.

The largest hardwood lumber producing market in the world.

The largest producer of cotton seed products in the world, and is the home of the world's largest cotton warehouse and terminals.

The largest sweet feed manufacturing center in the South.

The largest wholesale drug market in the South.

The cheapest cash retail grocery market in the South and is the home of the retail grocery chain stores.

The home of the largest hardwood flooring company in the United States.

The largest snuff factory in the world is located in Memphis. Bring plenty of handkerchiefs, everybody.

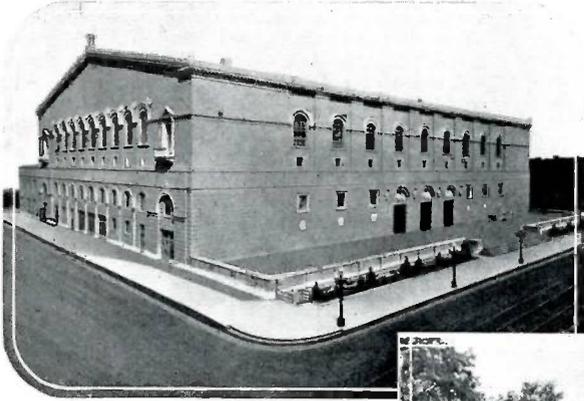
Through the Mississippi river with its Federal and other barge lines and the Panama Canal, Memphis has an all water haul to the ports of the world.

The Memphis Health Department has been given a rating that places it first among cities of from 100,000 to 250,000 population.

The Memphis Artesian Water Department is the largest artesian water system in the world. The daily pumping capacity of the municipal plant is 60,000,000 gallons a day.

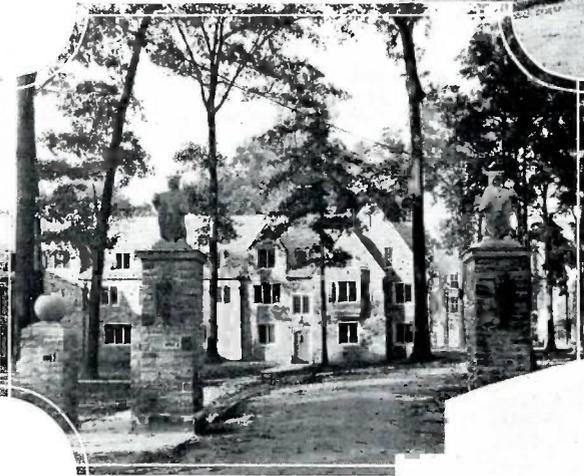
(Continued on Page 22)

Will Hold Their Annual Convention



On the left is Memphis' municipal convention hall where the National Association of plumbers will meet in June, 1927. This building has a normal seating capacity of 12,500. It can be divided into two halls if desired seating 6,500 and 2,500. Ample exhibit space is also provided. This building was erected by the city and county at a cost of \$1,000,000.

Visitors to Memphis will want to see Overton Park, the entrance to which is shown on the right. The Zoological Gardens form the principal attraction and Memphis makes the claim that these are "the finest in the world."



At the left is Southwestern, a standard class A college of arts and science which has just been transferred to Memphis from Clarksburg, Tenn. where it had been in successful operation for 50 years. State Teachers college is located at Normal just outside of Memphis.

At the right is the Shelby county court house and city hall, a building of great architectural beauty. It is the central structure of a notable group of buildings including the Central Police Station and the new Criminal Court Building and Jail. An outside view of the latter is the best.



(Continued from Page 20)

The daily consumption in summer is 19,000,000 gallons. In winter it is 15,000,000 gallons.

HOTELS

Memphis hotels rank with the best in the United States. Completion of the new Hotel Peabody within the past year has given to Memphis a \$5,000,000 hostelry with 600 guest rooms, a hotel that has no equal outside of New York, according to seasoned travelers thoroughly familiar with the hotel facilities of the country. There are other down town hotels, the Claridge, the Gayoso, the Chisca, the Ambassador and a number of smaller hostelries famous alike for their comfortable rooms, their service and their cuisine. In the residential section of the city is the Parkview Hotel another new and capacious structure.

THE AUDITORIUM

The Municipal Auditorium is equipped to take care of great national bodies in convention assembled. With a seating capacity of 12,500 the Auditorium can be so arranged as to provide two halls, one seating 6,500, the other seating 2,500 each with its own stage. There are numerous assembly rooms, committee rooms, and all equipment needed by a convention. In the event the south or Concert Hall of the Auditorium with a seating capacity of 2,500 is large enough to take care of the sessions of the convention, the North Hall with a seating capacity of 6,500 can be transformed into an exhibit hall.

(Continued from Page 11)

THE LAST GAME

Monday night, Dec. 12th, the C. B. & Q. basket ball team defeated the Mueller Tigers by a score of 24 to 22.

C. B. & Q. (24)		Mueller Tigers (22)	
G. F.	G. F.	G. F.	G. F.
Myers, rf	0 0	Coventry, rf . . .	1 0
W. Davis, rf . . .	1 0	Meador, lf	0 0
Kohlbecker, lf . .	2 0	Zetterlind	0 0
Wiggins, lf	4 0	Anderson	4 2
R. Davis, c	5 0	Heisler	5 0
Fitzpatrick, rg . .	0 0		
Swatzhouse	0 0		

Anderson and Heisler did the most scoring for the Tigers while R. Davis gained the most points for the C. B. & Q. team.

INDOOR BASEBALL

Two Mueller Junior basketball teams played a curtain raiser to the Illiopolis-Night-Hawk's game. The score at the finish was Lions 23, Bears 3.

Lions (23)		Bears (3)	
G. F.	G. F.	G. F.	G. F.
Edwards, rf . . .	1 2	Hodges, rf	0 0
L. Joplin, lf . . .	3 4	Baker, rf	0 0
Dunaway, rg . . .	1 0	Pitzer, lf	0 0
D. Joplin, c . . .	3 1	McMillan, c . . .	0 0

Roe, lg	0 0	Lebo, rg	0 0
Smith, lg	0 0	Brownback, rg. l	1 1
Jones, rg	0 0	Lyons, lg	0 0

The Panthers and Wildcats, two indoor baseball teams of the Mueller Juniors, made up of rival gangs, played a whale of a game Saturday morning, Dec. 10th. The final score was Panthers 12, Wildcats 9. A return game will be played early some evening as soon as the gym is free and the holiday entertainments are over.

VOLLEYBALL

The Leaping Hyeanas and the Sky Pilots play volleyball during the noon hour. Many exciting battles are fought out to the bitter finish. A tournament of twenty-one games will be staged between these rival factions after the holidays.

NOONDAY DANCING

A noonday dancing club is being organized. It is desired that twenty couples be enrolled. The dance days will be Mondays and Wednesdays. Employes desiring to take an active part in these dances are requested to see Bill Cranston so that arrangements can be made to proceed with the necessary organization with the least delay.

MUELLER JUNIOR RECREATION CLUB HIKE

Forty members of the Mueller Junior Recreation Club were taken on a hike last month to the Mueller Heights. The weather was ideal. A weiner feast awaited them. Like a pack of hungry wolves they devoured everything in sight. The bill of fare consisted of boiled weiners, long buns, chopped onions, sliced pickles, hot cocoa and apples.

The following method prevailed: Open bun, lay in a steaming weiner, give same a light coating of mustard, garnish liberally with chopped onions, add a slice or two of pickle, close lid and give the bun a forward press. Yum, yum, already boys—one, two, three, four. Say, did the gang enjoy themselves? I'll say they did.

They Swopped Honors

Ivan was a Moscow pawnbroker, Fritz a German one, and they had often done business together. To their surprise they found themselves facing each other in the trenches on the Eastern front.

One night, in the small hours, each swiped his regimental banner and crawled out into No Man's Land. They silently exchanged banners and crawled back to their respective posts unobserved.

Next day each got a medal for capturing an enemy flag.—How to Sell.

Dentist—I am going to perform a slight operation, but I will make you unconscious of it.

Patient—All right, Doc; you give me some of the same stuff when you present your bill.—Paris Rire.

Where Big Fish Are Caught

This story has to do with an eastern fishing trip of last August, when Leroy J. Evans and Mr. Eugene Graeber of the Eastern selling force were members.

The party was given by Mr. Harry B. Lentz of the Peerless Pen Co. of Philadelphia, who proved a fine host. The company included the following:

Messrs. Harry B. Lentz, Alfred Lentz, Fred Spaeth, salesman Peerless Pen Co., Robt. Weir, plumber, Wm. Boal, plumber, Leroy J. Evans, Eugene P. Graeber.

Messrs. Lentz and Evans drove the party from Philadelphia, Pa., to Weldwood, N. J., a distance of 90 miles, where they enjoyed a few hours, dining, swimming and doing the amusement park.

The crowd made an early start the next morning to Green River, where a nice 40 foot boat was waiting. The weather was delightful and everybody feeling great.

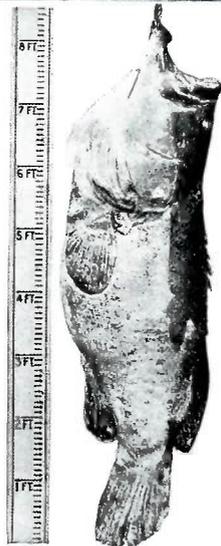
They went out about eight miles, cast anchor and started to fish. Mr. Harry Lentz caught the first fish and also the greatest number for the day. The total catch for the day ran eighty-eight fish. Mr. Fred Spaeth won the prize for the largest fish. Look at the picture on the right.

The picture of the boat represents the party getting ready to start and the picture of the members of the party can be identified as follows:

Front Row—left to right: Fred Spaeth, Alfred Lentz, Robert Weir, Robert Pflug Felder.

Back Row: Eugene Graeber, Wm. Boal, Leroy J. Evans, Harry Lentz.

Phil Mueller, Chat Winegardner and even Frank Thompkins, who brings us 45-pound catfish from the Okaw, are no longer entitled to ring side seats at a fish story contest. "You'll notice," said Mr. Thompkins, "that down east they measure their fish. Out here we weigh ours. That might make a difference."



AVERAGE GROCERY BILL

The average grocery bill in the United States totals \$500 a year, according to the Harvard University Bureau of Business Research. Out of this the grocer gets \$100, of which \$10 is profit and \$90 is absorbed by rent, salaries and other overhead expenses. The wholesaler with whom the grocer trades gets \$400 to pay his operating expenses and a profit.—The Co-operator.

Good, very good, indeed. Now will some bright person speak up and tell us what the customer gets.

"Sam, I'll give you a pint of the real stuff if you'll run over to the hotel and get my grip. Hurry now. . . . What! Haven't you gone yet?"

"Gone? Boss, I'se back!"

IN THE WRONG BUSINESS

One man met another in the Automat Restaurant.

"What's the matter, Bill? You are only eating crackers and milk. Are you on a diet?"

"No, on commission."—The Coach.

"Bredern, we must do something to remedy de Status Quo," said a negro preacher to his congregation.

"Brudder Jones, what am de Status Quo?" asked a member.

"Dat, brudder," said the preacher, "am Latin for de mess we's in."

The Old Spinster—Has the canary had its bath yet?

The Maid—Yes, he has, mum. You can come in now.

SECRET OF HEALTH

It Is Within Our Grasp but Most of Us Ignore It

The secret of health is within our grasp, but we ignore it, according to Dr. Charles Sheard, an eminent specialist connected with Mayo Bros. In a public address he said:

"Many of our present day problems of growth and nutrition are found to be quite largely questions of deficiencies in the accessory food factors—sunshine and vitamins," said Dr. Sheard.

"When primitive man wrestled with nature and on bended knee and with exposed body worshipped the sun as the giver of health and life, he lived much closer to Mother Nature than does the ingenious superman of today, who lets his machinery do the toiling for him. Man now houses himself in the winter in poorly ventilated and often overheated and moistureless mansions, loads his table with devitaminized and complacently seats himself behind the transparent sands of the window pane which robs him of the health giving rays of the sunlight.

SEEK VITAMIN D

"We need to get out of doors a reasonable portion of every day to get our vitamin D, lapping it out of the sunshine as it strikes the exposed portions of our bodies, drink fresh milk and eat fresh vegetables and fruits in order to obtain our needed quotas of vitamins A, B and C.

The following practical rules were submitted by Dr. Sheard:

"1. Eat a balanced diet; eat enough of it, but not too much. Don't let your palate be your guide. The visible essentials are proteins, fats, carbohydrates and minerals. Excess of protein, such as meat, is a common fault among modern eaters. Minimize the fats in warm weather and give them greater prominence in winter.

"Carbohydrates are found chiefly in bread, potatoes, cereals and sugar. A pound of carbohydrates is an average diet for a person doing light work—but don't take it in the form of a pound of candy."

IRON AND LIME

"Get your iron and lime—but not through the medium of patent medicines. Spinach and raisins are rich in iron, lime and phosphorus are found in certain green vegetables, egg yolk, milk, cheese and fish. Get your 'roughage' through the coarse, woody fibers possessed by many fruits and vegetables.

"2. Eat vitamins. This can be done through the inclusion in the diet of green vegetables, such as lettuce, spinach, etc., citrus fruits such as oranges and common articles of food, as milk and eggs. Eat the green leaf of the salad, even though you commit a social error.

"3. Drink fresh milk. It contains a little

MOONLIGHT ON THE LAKE



This night photograph of Spirit Lake, Iowa, was taken by L. M. Ross, our traveling representative out of Cedar Rapids.

Verne is very handy with his camera, but all the amateur sharks around the plant are agreed that this picture is one which would be a credit to the profession.

Artists in the engraving house making the accompanying cut said it was one of the finest specimens of night photography that they had seen in many months.

The little white specks in the background are distant shore lights.

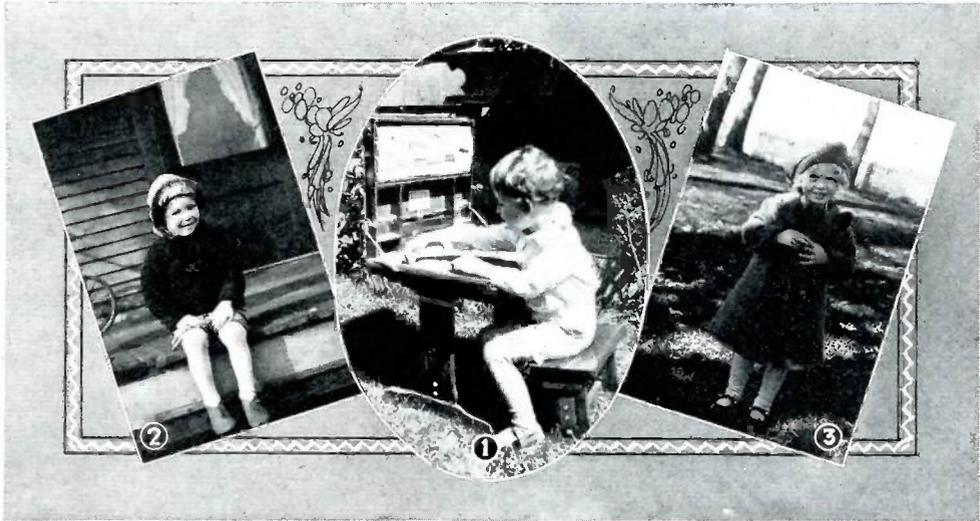
The moon looks somewhat distorted but that is due to the moon's travel while the exposure was being made.

of everything, and much of the many things that are good for the body.

"4. Drink in the outdoor sunshine. This is the only natural source of Vitamin D. Expectant mothers and growing children need it greatly. In fact, everybody needs it."

When one thinks of advertising he generally associates it with magazines or newspapers. But there are other avenues of publicity calling for large expenditures. As an example, signs of all kinds. An authority says these cost leading American citizens \$635,000,000 annually.

Camera Club Portraits



Child life was the subject of the Camera Club as illustrated above, and a very pretty contest it made.

The winners are:

First—E. H. Langdon.

Second—Miss Mary Wilkins.

Third—Miss Margaret Marcott.

Readers will agree, no doubt, that the judges made the correct decision. His subject was his son, John Coe Langdon, and the pose is exceptionally good. John is

seated at his Chautauqua desk and despite his three wee small years, he has the pose of a man intent upon some big and interesting problem.

Miss Wilkins had for her subject a grandchild of George W. Morris and Miss Marcott's picture was that of her niece.

While Mr. Langdon was awarded first prize, the three pictures combined make one of the best presentations since the Camera Club was organized.

TEN MAXIMS FOR SAFE BANKING

1. Financial statement for every unsecured loan of \$500 or more.
2. Let the banker dictate the credit terms.
3. No excess loans.
4. Let the loans to officers and directors be the best in the bank.
5. Maintain strong secondary reserves in quickly-realizable assets.
6. Do not let competition force unprofitable business upon us.
7. Keep our investment in fixed assets within 50 per cent of our capital and surplus.
8. Do not make capital loans.
9. Discard the idea that our competitor's financial position is of no concern to ourselves.
10. Co-operate with other bankers in the common purpose of making banking a safe and more efficient business. — Bankers Monthly.

Definition of a Town

A congested spot between two parking places.—Spartan Spasms.

Civilization

A man was stranded on a desert island. He was afraid of cannibals and so he moved very cautiously. As he was climbing up a small hill he heard voices.

"Who the hell trumped my ace?"

The man lifted up his eyes to heaven and said:

"Thank heaven there are Christians on this island."—Dennison Flamingo.

"Get away from here, or I'll call my husband!" threatened the hard-faced woman who had just refused the tramp some food.

"Oh, no, you won't," replied the tramp, "because he ain't home."

"How do you know?" asked the woman.

"Because," answered the man, as he sidled toward the gate, "a man who marries a woman like you is only home at meal times."

Flapper (at dry goods counter)—I'd like a pair of garters, please.

John Nye—Yes, miss; something like the ones you have on?

Don't knock your competitor. Study his methods and improve upon them.

CLEAN-UP SQUAD

Flock of 27 Men Keep the Factory Bright and Clean.

Visitors to the plant of Mueller Co. always comment on the neat and clean conditions existing. Every night janitors are busy in



the more important parts of the plant putting everything in shape for the start the following day, but Saturday and Sunday are the days when the force is augmented and a change made all along the line. This force consists of 27 men under the direction of squad foremen. The work has been so systematized that each man knows his part and the big plant is put in apple pie order in jig time. The members of this cleaning force have regular employment during the week.

It's no trouble to keep up the quota. There are always men in an organization of this kind who are glad of the opportunity to put in a little extra time.

ONE OF KOLP BROTHERS WRITES

In the April issue of The Mueller Record we printed a picture of the four Kolp Brothers, who at one time were in the employ of the company. Their old "buddies" in the factory will be pleased with the following letter from A. C. Kolp and to know that he is doing so well.

Mount Pulaski, Ill.,
Nov. 10, 1927.

"I note in the April, 1927 issue of The Mueller Record on page thirteen, lower right, there appears a small print representing the Kolp Brothers as old time employees of your organization. The writer is one of the four that appear in the print, and I am very glad to know that our service to your company was worthy of the space given in the Record.

Since leaving the employ of the Mueller Co. in 1907 I have been employed by the Illinois Central System as agent or telegrapher, and am now serving as their agent at this station.

Quite often I pass the plant on Cerro Gordo Street, stop outside, to remember my "buddies" last words, "You'll be back," and I must admit that I have heard the call."

Yours very truly,

A. C. Kolp.

THIS DOLLAR LED A WILD LIFE

In order to get a line on the life and adventures of a dollar bill, the Waukegan Chicago Chamber of Commerce started out a new bill some time ago, with a circular attached, requesting every person handling the bill to make a notation of its use.

Here is the history for fourteen days, changing hands for service:

- Five times for salary.
- Five times for tobacco.
- Five times for cigarettes.
- Three times for candy.
- Twice for men's furnishings.
- Twice for shaves.
- Once for automobile accessories.

Once for bacon.

Once for washing powder.

Once for garters.

Once for tooth paste.

The dollar was spent twenty-seven times, but it never got into church or theater, and was not used for amusement in fourteen days. It was new when it started out, but when it came back it was soiled, wrinkled and dejected.—Westinghouse Electric News.

HIS IDENTITY

That guy over there being led away to the padded cell is not deserving of your sympathy.

He is the man who waited until Christmas Eve to do his Christmas shopping.

A town is no worse or better than the people who live in it.

FIGURE THIS OUT



Mrs. Budd—I met Mrs. Rollins down the street and she told me that you told her the news I told you not to tell, because Mrs. Williams made me promise not to tell it.

Mrs. Rose—Why, Mrs. Rollins told me she wouldn't tell a soul that I had told her.

Mrs. Budd—Never mind, I told her I wouldn't tell you she had told me you told her.

Gas and Its Uses

Heating by gas gains in popularity every day. In the East particularly it has made wonderful strides. Houses are built more with a view to using this heat by making them proof against air leaks. Wherever gas is used for heat it is acclaimed the most satisfactory method yet introduced.

Gas companies are proving their faith in it by using gas for heating their own buildings.

The Boston Consolidated Gas Company is a striking example of taking its own medicine. Their building, 13 stories high, illustrated on this page, is heated throughout with gas fired boilers, which carry on the colossal feat of heating 2,175,000 cubic feet of space.

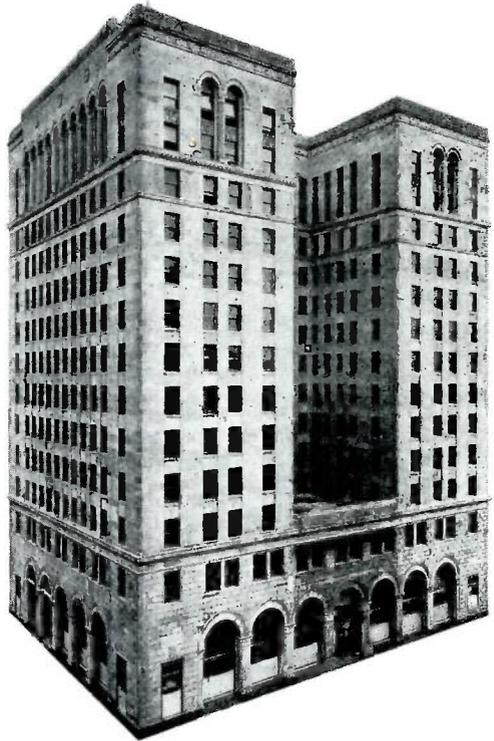
THIS TIME THEY GO

Coal heavers may come and coal heavers may go, says the A. G. A. Monthly, but there will be none of these perspiring gentlemen in the Boston Gas Company's new structure. In keeping with the ever-progressing battle of machine against man labor, started away back in the Industrial Revolution of the 19th century, the coal heaver has here gone the way of the horse and buggy, the kerosene lamp and homespun clothes, taking with him the inevitable dirt, waste, drudgery, and space-eating coal bins, that are ever part and parcel of coal.

Each of the six boilers newly installed at Boston has twenty burners and each burner is so adjusted as to burn 215 cu. ft. of gas per hour—a total gas use of 4300 cu. ft. per boiler per hour, and of 25,800 cu. ft. maximum hourly gas supply for the six boilers. Since the theoretical consumption, to take care of the hourly heat loss from the building, is 17,600 cu. ft., four boilers would be almost enough. Ordinarily five of the six boilers will be enough to heat the building in zero weather, keeping one boiler as a spare. In mild weather it is entirely feasible and sufficient to start up only one boiler and add others as the need arises.

SAFETY DEVICES

Among the safety features in the world's largest gas-fired heating plant are thermostatic pilots which will instantly and automatically shut off the gas from any boiler in which the pilot light has been, for any reason whatsoever, extinguished. Moreover, there are low-water fuel cut-offs which shut off the gas in case the water level in the boilers falls below the safe point and pressure controls which will limit the steam pressure to the predetermined figure. Each boiler has a safety valve and a water column equipped with a gauge glass and try-cocks. All products of combustion pass directly to the chimney and automatic water feeders are provided to maintain the water levels in the boilers at the same height.



Consolidated Gas Company Building at Boston

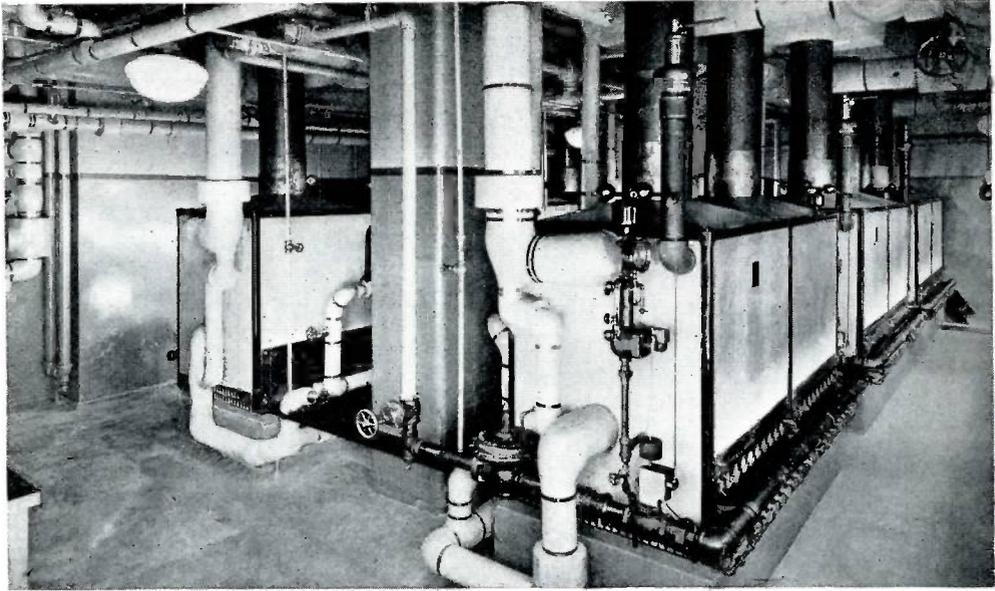
It is estimated that the new gas-fired plant will consume approximately 30,000,000 cu. ft. of gas to heat the building for the average season—which is about the number of cu. ft. of gas required to heat from sixty-five to seventy-five average homes.

THE BUILDERS

The architects, Parker, Thomas and Rice, and the builders, W. A. & H. A. Root, make the statement that, due to the use of gas for heating during the construction of the building, at least a month was gained in the time required for completion, and that very satisfactory operation was obtained.

The Boston Consolidated Gas Company by thus heating its own building with gas is greatly assisting the sale of gas for house heating, for the boiler room is open for inspection at all times. In fact, a sign is at the entrance to the building directing all to the gas boiler room.

A system of automatic heat control for the building is a part of the installation. This system provides automatically different periods of firing as required by outside weather conditions and, with a balanced system of installed radiation and piping, is designed to provide the desired temperature at all times to all parts of the building.



Engine Room of Consolidated Gas Co., Boston

The radiation installed is equivalent to 34,500 sq. ft. direct radiation. A portion of this is indirect with the necessary blowers and air ducts.

Unfortunately, since the boilers are installed in two rows of three, each back to back, the installation does not lend itself well to photography.

THE LARGEST NOW

This installation, said to be the largest of its kind yet made, will no doubt be exceeded in size and probably refinements as time goes on and more is learned of science and art of heating, but, whether large or small, every gas-fired heating installation is an incentive for other such installations and all gas men should lose no opportunity to acquaint the public with the progress being made with gas heating, a blessing to the home owner and a marked builder of gas plant load.

A prolonged fog due to a smoke cloud overhanging a big city will kill more persons in two or three days than will succumb to gas asphyxiation accidents in a year, according to Floyd W. Parsons, economist.

Mr. Parsons claims Americans are fast becoming a race of sun-chasers, due to knowledge of the damage caused to health by smoke. Already, he says, people recognize the necessity of bacteria-free food and water, and he predicts that in another five years there will be a nation-wide demand for pure air. The price paid for air pollution, he explains, can be measured in terms of a high death rate from tuberculosis, respiratory diseases and rickets, not to mention the physical damage done to property.

Manufactured gas, commonly made from coal, can be made from wood, according to O. F. Stafford, of the University of Oregon, who recently made a study of the carbonization of wood. He finds that the several methods of gas production that have been developed and proved so successful during the past century for use with coal find a close parallelism where wood is to be gasified.

The tenth annual convention of the American Gas Association will be held at Atlantic City, N. J., the first part of October, 1928. This will be the sixth time that the gas men have chosen Atlantic City for a meeting place.

According to Oscar H. Fogg, president of the Association and vice-president of the Consolidated Gas Co. of New York, the 1928 meeting will be one of the most important ever held and will be a real milestone in the progress of gas service to the public.

The names of the Republican candidates for president and vice-president of the United States, "Hayes and Wheeler," composed of small gas jets, have been placed over the entrance of the party headquarters. This is a magnificent illumination and the finest one of its kind ever seen in Madison.—From Madison, Wis., newspaper dated Sept. 4, 1876.

Gas companies sustain a tremendous loss from corrosion of underground mains. C. C. Simpson of the Consolidated Gas Company of New York places the amount at \$100,000,000 annually. Engineers are de-

(Continued on Page 30)

MUELLER PRODUCTS: STANDARDS of the INDUSTRY



G-11197
Mueller Rigid Bar Meter Connection with inverted key stop, lock-wing handle, and horizontal outlet. It is furnished regularly complete with brass couplings.

The gas industry welcomes this new rigid bar meter connection

Because of simple construction, this new Mueller RIGID BAR Meter Connection effects considerable savings in installation. There are no complicated adjustments or loose parts. The two eccentric couplings are easily and quickly joined to the meter.

An exclusive feature of this fine connection is the phosphor-bronze spring washer. This develops a joint between key and body which can be easily turned by hand and yet maintains a perfect, leakproof contact. It automatically takes up wear on the key and eliminates the need of tightening, even after years of operation.

So good are the high grade phosphor-bronze springs, that the same springs have been known to serve satisfactorily for over seventeen years—without repair or replacement.

This product is but one of the many made by Mueller of Decatur. It carries with it the same promise of satisfactory performance that has always been a part of every Mueller product. For 70 years the name of Mueller has been known—and known favorably—to the plumbing and gas industries. A thoughtful selection of materials; a high standard of manufacture and a rigid inspection of every unit have given Mueller the supremacy now enjoyed in their extensive field.

Write for the complete catalog of Mueller products. It will be gladly sent upon request.

These Mueller Meter Connections are made with or without built-in ground key stops. The bar is cast in a single unit of the best grade of gray iron. Couplings are made of Mueller Red Brass. Every casting is carefully machined and threaded on special Mueller equipment which insures an exact 90° angle between the meter connections and the meter spuds.

Variety of Patterns

Mueller's long contact with the gas industry has given a keen insight into its particular needs. Thus Mueller is able to provide products which will meet every requirement. There are several distinct types of connections to meet the individual specifications of every company.

MUELLER CO. [Established 1857] Decatur, Illinois

Branches: New York, Dallas, San Francisco, Los Angeles

Canadian Factory: MUELLER, Limited, Sarnia

MUELLER

(Continued from Page 28)

voting much time and effort to finding a preventive. Mr. Simpson's valuation of mains underground in the United States is one billion dollars.

The Natural Gas Department of the American Gas Association will hold its annual meeting the week of May 6, 1928, at Dallas, Texas.

This will be the first meeting of the department since the recent amalgamation of the natural and manufactured gas industries.

By pledging unqualified support to the Testing Laboratory of the American Gas Association, and agreeing to sell only gas appliances bearing the approval seal of the laboratory, the gas industry has elevated itself to a plane of greater usefulness, according to Alexander Forward, managing director of the Association.

This action was taken at the recent annual convention of the Association at Chicago, Ill., when executives of the gas business pledged the support of their respective companies in stopping the sale of unapproved appliances.

Nothing proves more conclusively the gas industry's desire to excel in the field of public service than the laboratory's foundation, Mr. Forward says. Already more than two years old, the laboratory has tested and approved 6,380 types of appliances. Mr. Forward estimates that 50 per cent of the water heaters, 60 per cent of the space heaters, and 75 per cent of the gas ranges sold east of the Rocky Mountains in 1928 will bear the laboratory's approval seal.

"An impartial group of men with broad experience in the utilization of gas, with the competent assistance of interested U. S. Government bodies, guide the laboratory," says Mr. Forward. "Fully 90 per cent of the requirements relate to public safety."

At the recent convention the gas men deplored the manufacture, sale, and use of any appliance that does not bear the approval mark of the laboratory, Mr. Forward explains.

The American Gas Association has approved the suggestion of marking gas holders as land guides for aviators. More than 1500 gas companies are prepared to mark their holders, numbering 2500, with arrows, or other suitable direction signs, following the lead already set by several companies. Paul Henderson, vice-president and general manager of the National Air Transport which operates the Chicago-New York U. S. Mail and express aviation service, the Chicago-Dallas mail express and passenger service and who is president of the Aeronautical Chamber of Commerce, expresses his approval of the plan. The name of the town in large letters and an arrow pointing directions seems to be the logical way of marking the holders.

BENEATH OUR CHRISTMAS TREE

The wind is sad. We hear it groan
But we don't mind its grief and moan.
We hear it blow and scorn it though
It brings the biting cold and snow,
For we are happy as can be,
Playing beneath our Christmas tree.

We have so many fine new things,
A peg on which to toss some rings,
A dandy ball, a painting set;
We can't go out, but we don't fret.
There's loads of fun for Sis and me
Playing beneath our Christmas tree.

We play until the sun has set,
And that's the finest time, you bet!
We light the tree, 'tis fairyland,
The hour at which all day we've planned
To climb upon our mother's knee
For stories 'neath the Christmas tree.

And after that, we go to bed.
When prayers and all goodnights are said,
And all the toys are put away
To rest until another day,
We sail away like ships at sea
To dream about our Christmas tree.

—Beatrice McDonald.

OUR WISH TO YOU

A bright New Year and a sunny track
Along an upward way,
And a song of praise on looking back
When the year has passed away,
And golden sheaves, nor small, nor few—
This is Our New Year's wish to you!

THE NECK PROPOSITION

Nowadays when a girl gets her neck broken in an automobile we don't know whether the car was wrecked or not.

Bock—What brand of cigarettes do you smoke?

Jock—I dinna ken. I'm tae polite to ask.

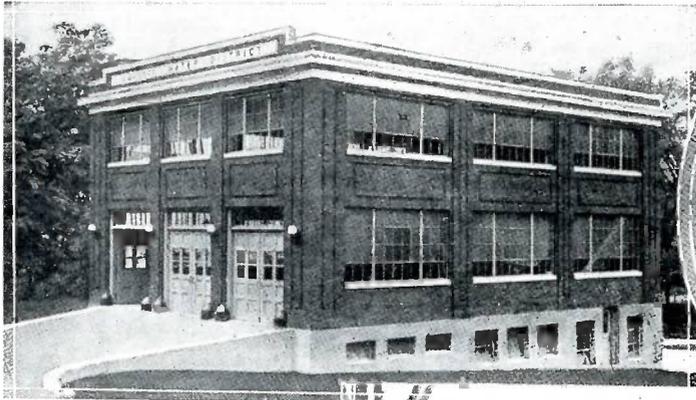
Progress is not measured by years, but by centuries.

THE SOLUTION



Margie—Elsie told me yesterday that she had just turned 23.
Polly—Well, she's right, if "turned 23" means 32.

Fine Water Works Plant



They know how to do things up in Maine. These substantial buildings give an immediate and positive impression to water works men that Augusta has a plant that is not only up-to-date but substantial from foundation to chimney coping.

The trustees keep the interests of the consumer before them constantly, giving the lowest water rates whenever possible to do so without impairment of the service.

The board of trustees is composed of far-seeing men.

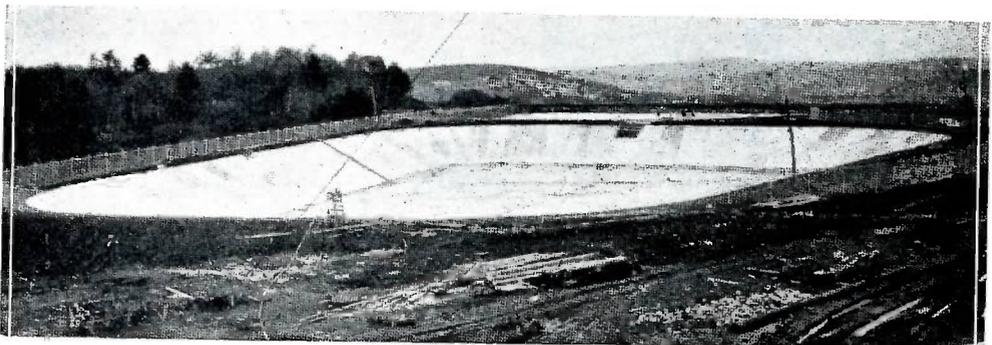
A few months ago the trustees voted another saving to water takers. This relates to the cost of putting in service pipes. Formerly the customer paid the whole cost of the service entering his premises from the street main. The action of the trustees limits this cost to that portion of the service between the premises served and the street line. This means a positive saving to the customer who puts in a new service or re-



lays an old one, and a consequent loss to the district of several thousand dollars annually.

TREE PLANTING

Continuing the policy of planting the watershed of Carleton Pond to trees, the district set out 10,000 white pine and spruce this year. If this plan of planting 10,000 trees yearly is persisted in, the time is sure to come when part of the watershed owned



by the district and now consisting of about 900 acres will be entirely covered with growing spruce and pine.

THE NEW SUPERINTENDENT

Sidney S. Anthony of Manchester, N. H. for several months resident engineer in Augusta for Metcalf & Eddy of Boston, and representing their interest in the construction of the new reservoir, was appointed Superintendent to succeed Mr. Wesley W. Albee, who resigned a year ago after long and honorable service.

Mr. Anthony, the new superintendent, has enjoyed a varied engineering experience since his graduation from the Engineering Department of Northeastern University in 1925.

During the World War he served in the Navy for about two and a half years. He is a member of Theta Chi fraternity, the Boston Society of Civil Engineers, the American Society of Civil Engineers and the American Legion. He is 28 years of age, was born in Providence, Rhode Island, and attended New Hampshire University prior to entering Northeastern University.

"So your wife has made a cut in her expenses."

"Yes, but the operation was a very minor one."

WHEN "ALL NIGHTS" WERE BOLD



Ah! Ha! Who is this knight astride the emblem of Democracy in a Prince of Wales riding habit? You guessed it the first time—Bill Jett, manager Southern Division, headquarters, Memphis, Tennessee.

The disguise is clever but ineffective. Billy forgot to change his face before he posed.

IRRESPONSIBLE BIDDING

A Movement Under Way to Eradicate This Business Evil.

The disastrous and demoralizing effects of irresponsible bidders is discussed by Western Construction News, with the suggestion that the solution of the problem lies in contractors signing and adhering to a pledge like this:

"I pledge myself never to submit a bid on any work below a carefully checked estimated cost, plus an allowance for overhead, contingencies, and a legitimate profit; nor will I submit an unjustifiably high bid."

The effort of Western Construction News is commendable. The main trouble is that pledges and "gentlemen's agreements" are entered into with a dash and enthusiasm which seldom maintains itself when the crucial test is reached.

However, a movement is under way which promises good by eliminating irresponsible bidding.

The Associated General Contractors of America is taking the leading part in the movement.

An important step in this direction recently was taken by the U. S. Bureau of Public Roads, which, on October 21, started the policy of requiring every prospective bidder to file a financial and experience statement, properly executed, before he will be furnished with plans and specifications, or allowed to submit a bid.

The government is frequently accused of unbusiness like methods, but surely not in this instance.

Any individual entering into a contract for work has the legal and moral right to satisfy himself as to the contractor's financial standing and the actual experience back of him. The individual should do so in self protection.

Cut-throat bidding and price-slashing has left its scars on the plumbing business and the plumber. Its elimination in this branch of industry would be a blessing to the responsible plumber and to the buyer of plumbing.

Any concerted movement to attain this end will have the support of all those having the interest of the business at heart.

THEY ALL LIKE IT

While in Effingham, Illinois recently, Barney Marty visited B. R. Wolters and family. They had just installed one of Mueller's combination sink faucets.

Miss Alice Wolters has just finished the dishes and was polishing up the faucet in which she took the greatest pride. She thought it the most wonderful help and made work at the sink easy and said she was finding new uses for it every day.

Miss Wolter's experience is that of all women who have used this combination.

You can buy a dog with money, but it takes love to put a wag in its tail.



Are your meters telling the truth?

Include a Meter Tester in next year's appropriation and end costly losses on those under-registering meters...

For the sake of protecting your city or waterworks against losses or under-registering meters, be sure to include a MUELLER meter tester in your 1928 appropriations. A number of meters, under-registering, will lose more honestly earned revenue over a few months period, than a MUELLER meter tester would cost. And, according to statistics, meters are much more apt to under-register than to over-register.

It will be to the interests of your city or waterworks then to be sure to include a meter tester in next year's appropriation. But be sure that the tester which you buy is made by MUELLER of Decatur. The name of MUELLER is already a recommendation to your engineers. And the size and appearance of the MUELLER Meter Tester will inspire the con-

fidence of those who watch the actual testing of the meters.

A MUELLER Meter Tester is simple of operation. It is strongly made; the table is cast-iron with wrought-iron legs, and cast-iron head blocks. This tester is made to test meters from $\frac{3}{8}$ to 2 inches, and with special equipment, will make tests on 12-inch meters.

Plan now to purchase one for next year—and for years to come.

It will give a lifetime of service, and its cost will be absorbed in the savings you make on under-registering meters.

Write for catalog giving full and detailed description of the MUELLER Meter Testing Machine.

MUELLER CO. [Established 1857] Decatur, Illinois

Branches: New York, Dallas, San Francisco, Los Angeles

Canadian Factory: MUELLER, Limited, Sarnia

MUELLER

Celebrating Christmas



It's Christmas in office and factory. For many years it has been an established custom to combine the Yule Tide spirit with our daily tasks. Festoons of red and green paper hang about the walls, holly wreaths, and even mistletoe add outward signs of the welcome holiday season. Mystery stalks unbridled, presaging many exchanges of presents.

The first big event of the season was the children's party on the afternoon of December 17th. C. G. Auer and his aids changed the customary routine of a tree and games, identified since time immemorial with children's Christmas entertainment. Instead they provided a real show for the little folks in the person of Laurant, the Man of Magic, sent here by the Redpath Lyceum bureau. His marvelous feats of sleight of hand held the attention of the children for two hours. The show was given in the gymnasium and all children of Mueller Employees were welcome guests.

SERVICE AWARDS

The big event of the week was the gathering in the gymnasium on the evening of December 22nd, when Mueller employees, families and friends assembled for the following program:

Prelude—Decatur College of Music Orchestra.

Community Singing

(a) It Came Upon the Midnight Clear

(b) Hark! the Herald Angels Sing

A Christmas Message—Rev. F. W. Ingvaldstadt.

Silent Night—Quartette.

Reading

Christmas Carols—Decatur College of Music Orchestra.

Presentation of Employees Christmas Gift to Company—C. N. Wagenseller.

Response—Philip Mueller.

Music—Decatur College of Music Orchestra.

Presentation of Prize Suggestion Rewards—Robert Mueller.

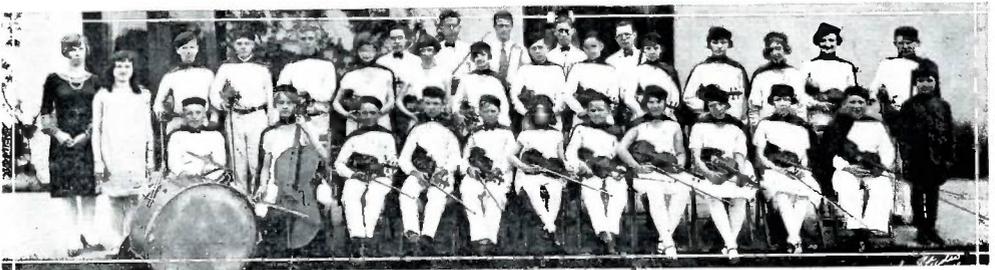
Music—Decatur College of Music Orchestra.

Presentation of Service Rewards—Adolph Mueller.

March—Decatur College of Music Orchestra.

A very pleasing feature of this affair was the music contributed by the Juvenile orchestra of the Decatur College of Music.

Cash awards were made to those who made winning suggestions during the year.



Their Little Love Nest



August Raushek and his bride who was Miss Edith Dorps. The couple were married September 28th. August works in the night tool room.

He prepared for his bride the above pretty cottage at 1221 East Main Street, and after their marriage they drove to their own home which had been furnished complete. With such an excellent start in life there would seem to be no reason why Mr. and Mrs. Raushek should not live long and prosper. Their friends hope they will.

Nearly 1000 suggestions were made by employees on the following subjects:

1. Increasing Production.
2. Decreasing Overhead.
3. For Safety.

On each of these subjects 6 prizes were given:

- First—\$100.
- Second—\$60.
- Third—\$40.
- Fourth—\$25.
- Fifth—\$15.
- Sixth—\$10.

For any other suggestion adopted by the committee a prize of \$5 was given to the person making it.

This plan was introduced several years ago and has proved very popular as indicated by the number of suggestions made. The primary purpose of this plan was to get employees to think seriously on the business. Instead of performing the routine tasks mechanically they were offered prizes to study the business and methods of doing business and to study out ways of making improvements.

Another outstanding feature of the program was the award of service buttons and cash prizes for various terms of service beginning with five years. Emblematic serv-

ice buttons and cash were given to the following:

5 YEARS CONTINUOUS SERVICE—\$33.33

- | | |
|---------------------|----------------------|
| Clarence Masters | Roy Harper |
| Wm. W. Adams | S. W. McKaig |
| Mrs. Esther Hammers | Jacob Stark |
| Lillian Gillespie | Von S. LeHew |
| Mrs. Maude Maple | Mrs. Mabel McClimans |
| Mrs. Imogene Peer | Madge Daniels |
| Mrs. Ada Stolle | Roy Waddell |
| Carl Spruth. | Emmet Holderby |
| Geo. J. Offenstein | Milo Wright |
| Wm. H. Holley | Harry Baugher |
| Wm. DeLaughter | J. A. Morrison |
| Jess Fuqua | Louis Wyant |
| A. H. Wolfert | John D. Owens |
| Geo. L. Wilson | B. F. Royse |
| Paul Luebbers | Carl M. Marose |
| Bert Lovins | Pyrl L. Cole |
| Robert A. Henson | Herman Kelch |
| Fred J. Wilson | Barney Riley |
| Henry Zipse | Floyd Carr |
| Owen Lourash | Joseph Bullard |
| Arthur Nash | N. E. Stevens |
| L. E. Corn | John F. Secret |
| Chester Cook | W. S. Enloe |
| Franklin Stevenson | M. W. Trott |
| Z. H. Grinestaff | Marie Yonker |
| Joseph M. Moon | Estella Rinehart |
| Warren Frantz | Mrs. Marie Eagleton |
| Matt Like | Mrs. Clara Gilbert |
| Walter Tucker | Julius Staudt |
| Ray Lynch | Grace Timm, New York |
| Fred M. Schrear | Lucille Nolan |
| LeRoy Hauck | |

10 YEARS CONTINUOUS SERVICE—\$66.67

- | | |
|-----------------|------------------------|
| Clara Behrend | F. F. Holler |
| Oscar Dawdy | E. W. Danaha |
| Albert Spitzer | H. B. Black |
| W. S. Smith | Geo. M. Presnal |
| H. C. Spaar | Neina Greening |
| Emil Tauber | H. V. Seever, Salesman |
| John A. Trimmer | L. L. Powell |
| F. W. LeHew | |

15 YEARS CONTINUOUS SERVICE—\$133.33

H. E. Hukill	E. K. Shaw
W. E. Busby	Chas. J. G. Haas, New York
Ray Salisbury	M. E. Henderson, San Francisco
Chas. O. Atchison	
D. E. Carson	
O. C. Draper	

20 YEARS CONTINUOUS SERVICE—\$266.67

John A. Patterson	E. A. Waltz
Julius Shaw	J. W. Simpson
Wesley Kates	W. F. Hennessey, New York
John McKinley	
E. H. Parker	

25 YEARS CONTINUOUS SERVICE

S. G. Walters	John Leavens
J. B. Faith	Wm. Meehan
U. V. Wacaser	C. H. Winholtz
Fred Moessner	W. G. Cranston
A. G. Martin	S. M. Yonker
Peter Weber	Roy Whitaker

30 YEARS CONTINUOUS SERVICE

Louis Wallenbrock	W. B. Ford, Salesman
-------------------	----------------------

40 YEARS CONTINUOUS SERVICE

Walter Sreeton

Service emblems are allowed for total of interrupted service.

5 YEARS INTERRUPTED SERVICE

Frank Carr	Cecil E. Smith
H. B. Mansfield	Ernest J. Butt
Wm. J. Baldwin	Earl Hall
Wm. B. Grinestaff	E. E. Tedford
Chas. R. Gunther	Mrs. Helen Walker
Chas. E. Stark	Geo. F. Bittrolff
C. M. Frizzell	Mrs. Geneva Burton
Tom Langley	Orville Keller

10 YEARS INTERRUPTED SERVICE

Alva Morrison	Geo. P. Kost
Geo. R. Hawkins	Clifford Gillibrand
Bert Lovins	Wm. F. Kuntz
Geo. Heflin	Bertha Parade
Emanuel Miller	

15 YEARS INTERRUPTED SERVICE

John L. Hodges	Ben Nottingham
----------------	----------------

20 YEARS INTERRUPTED SERVICE

Ralph Adams	Mrs. Emma Thomas
J. M. Majors	

25 YEARS INTERRUPTED SERVICE

Wesley Kates	Bert F. Kitchen, Salesman
J. A. Dill	

30 YEARS INTERRUPTED SERVICE

Julius Olshefski

HAMS, BACON AND MAGAZINES

The Christmas presents to employees this year consisted of a 12 pound ham and a side of bacon or magazine subscriptions.

THE OFFICE PARTY

The office party has grown into a very happy day before Christmas division. A gaily decorated Christmas tree occupies a prominent place in the main office and on this tree is a present for every member of the force. Adolph dons a Santa Claus uniform and distributes the gifts, which under the rules, must be opened in the presence of the entire company—this event always proves one of the happiest of the Christmas festivities.

FACTORY AND OFFICE NEWS

Robert Hoots, for many years a watchman east of College Street, resigned last week. He felt the work was becoming too heavy. Mr. Hoots was held in the highest regard by all employees who knew him well.

T. A. Magill of the Construction Department, fell from the roof of the Power House at noon December fifth. He sustained fractures in the upper and lower jaws and was generally shaken up. The doctors report is that he will probably make good recovery but will be laid up for some time.

John McKinley of Plant 8, who is this year a 20 year man, has been laid up by sickness since September 26.

Clifford Newcome, of the Night Metal Storage Department, has been quarantined with Scarlet Fever for the past month.

LeRoy Himes of the Brass Shops returned to work December 5 after an absence of nearly three months due to an infection resulting from getting a fish hook caught in his finger.

A. C. Welch of the Night Foundry, returned to work December 5 after a five weeks lay off. His Ford backfired when he cranked it and broke his arm.

Joyce Carder of the Core Department, resigned recently to take up other work.

Emma Zittrell and Mamie Nottingham are helping in the Advertising Department.

Jesse Sheppard, who has been working for the past few months in the Foundry, has returned to his home in Texas.

John Lawler, clerk in the Automatic Machine Department, has resigned to go on the farm.

Arthur Hight resigned from the Shipping Department to become manager of a grain elevator.

The following babies were reported since the last issue of The Record:

Clifford Roderick, Tool, Dorothy Jean, October 30.

Glen Hester, Brass, Wanda Louise, October 30.

Chas. Baker, Pottery, Nancy Isabelle, October 30.

Chas. Schwartzle, Polishing, Dale Leigh, July 5.

Merritt Nance, Night Foundry, Helen Marie, November 4.

R. R. Taylor, Tool, Freda May, November 23.

Andrew Ledbetter, Assembly, son, December 5.

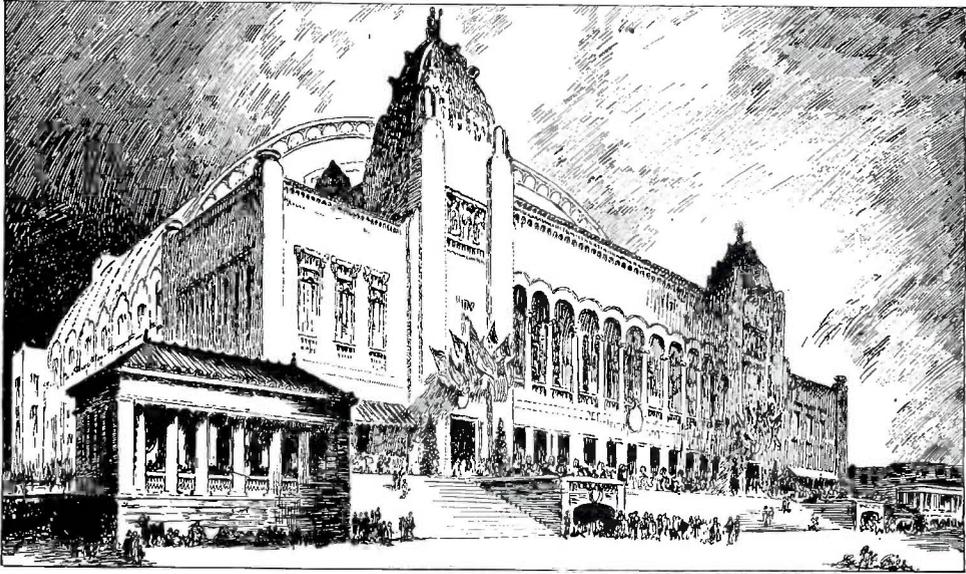
Elmer C. Hawkins, Night Foundry, Richard Warren, September 13.

J. M. Wilkins and E. H. Langdon visited industrial plants in St. Louis and Granite City, December 1 and 2.

EMPLOYEES' INVESTMENT PLAN

The Employees' Investment Plan will be continued even though the time of pay day has been changed. The Employment Office will be open at noon the day after pay day in order to receive payments.

Atlantic City Convention Hall



This tremendous convention hall on the boardwalk at Atlantic City is destined to house many notable gatherings in the future. The great steel piers extending for hundreds of feet into the ocean have heretofore been favorite gathering places for meetings of associations representing various branches of commerce and industry. Perhaps no city in the United States has entertained as many conventions as this wonderful city by the sea. Its experience has been sufficient to justify the belief of its competency to build a perfect convention hall. The one illustrated above and now nearing completion indicates a true conception of the necessities of the case. It is among the largest auditoriums in the world. Its seating capacity is 41,000. The ballroom alone will seat 5000 people. The total exhibition space is 375,000 square feet.

Lockwood, Greene & Co., Inc., of Boston, are the architects. The general contractor is the M. B. Markland Co., of Atlantic City. Brass pipe is being installed by J. H. Jolley & Co., of Philadelphia. The John Polachek Bronze and Iron Co., of Long Island City, is handling the ornamental Bronze work.

The Hall is an outstanding example of a permanent, and therefore economical, type of construction that is used with increasing frequency. All structures are subject to the attacks of the elements, more or less, but along the sea coasts of the country, where rain and wind beat with their fullest force and where salt air is engaged in a never-ending war on anything that corrodes, rust-proof copper, brass and bronze are indis-

pensable for roofing, plumbing and ornamental metal work.

BOOSTING THE BUSINESS

Atlantic City master plumbers are out to boost the game. They have changed their corporate name from The Atlantic City Association of Master Plumbers to "Master Plumbers Association of Atlantic City and Atlantic County, N. J.," which as the new name implies, permits of a bigger membership and a more effective organization.

A Salesman's Correction

A firm advertising for a salesman were amused to get a reply from a man stating that he was the greatest salesman in the world. They engaged him and gave him three lines to sell anywhere in England.

After he had been away a week and they had received no orders, they were surprised to get a telegram saying: "I am not the world's greatest salesman. I am the second best. The greatest salesman is the man who got you to buy these lines."—Business Organization and Management.

There was a young lady named Buser,
Who chopped her young husband in two, sir.

When asked was she sorry,

She said, "No, begorry!

The thrills in my life are so few, sir!"

—Goblin.

Those cigarette lighters, so popular now, should always be reinforced by a box of safety matches.

THE AID SOCIETY

Financial Statement December 1, 1926 to November 30th, 1927.

It's a little bit early to use the phrase—it's not ripe until the big political conventions in June—but' "we point with pride" to our Aid Society record of the past year. Sickness and accident benefits amounting to \$7,615.85 were paid and the funeral benefits amounted to \$800. The society ends the year with \$2,172.00 in cash and resources totaling \$8,299.30. A detailed statement follows:

FINANCIAL STATEMENT

Dec. 1, 1926 to Nov. 30, 1927

Cash on Hand December 1, 1926\$ 2,195.75

RECEIPTS

Mueller Co. contributions...	\$ 600.00	
Picnic concessions	20.05	
Check unpaid	2.40	
Mueller Metals Bonds—called	2,500.00	
Premium on above	69.25	
Interest on Investments	296.30	
Membership dues		
from payroll ..	9,171.40	
Membership dues		
from benefits..	133.15	
		9,304.55
		<u>12,792.55</u>
Total		\$14,988.30

PAYMENTS

Investments—		
Mueller Brass Co.—6's	\$3,000.00	
Peoples Savings & Loan Assn	400.00	
Mutual Home & Savings Loan		
Assn.	401.25	
Emergency Loan Fund	400.00	
Benefits—		
Sickness & Accident Benefits..	7,615.85	
Dues allowed....	133.15	
Deaths (8 members)	800.00	
Flowers	40.00	
		8,589.00
Dues refunded	25.25	
		<u>12,815.50</u>
Cash on Hand		\$ 2,172.80

RESOURCES

Mueller Brass Co. 6% bonds.	\$3,000.00
Interest accrued	30.00
City of Decatur Improvement	
bonds	1,000.00
Interest accrued	40.00
Peoples Savings & Loan	
Assn.	400.00
Interest accrued	23.00
Mutual Home & Savings	
Assn.	400.00
Interest accrued	21.00
Emergency Loan Fund	700.00
Calexico, Calif. Bond	500.00
Interest accrued	12.50
Cash	2,172.80
	<u>\$ 8,299.30</u>

EMPLOYEES' AID SOCIETY

Benefits Paid November, 1927

W. H. Padrick	\$ 83.50
C. J. Muller	35.40
Lee Ellington	22.50
Howard Taylor	16.00
L. B. Houseworth	10.80
A. C. Welch	44.40
Geo. Tipsword	9.00
E. F. Harris	23.20
D. Fletcher	10.20
Flossie Ethridge	1.00

S. C. McWilliams	1.50
F. B. Willis	17.40
H. D. Stevens	31.20
Carl C. Morton	18.00
Bennett Cripe	9.00
Dan Brilley	30.90
W. C. Beckemeir	27.00
Louis Kavas	6.00
Alma Herbrig	17.60
C. C. Spalding	2.40
LeRoy Himes	26.40
Clarence Travillion	9.00
Ed B. Smith	9.00
	<u>\$461.40</u>

MORE MUELLER HOMES

Eight Residences Speaking of the Thrift of Our Employees.

On the opposite page appears the second installment of homes of Mueller Employees. In our organization there are some 360 employees who own their own. The illustrations on the opposite page were not especially selected to make a favorable showing. They were picked out with one idea in view, which is to show different types of homes. In the 360 photographs we have made of employees' homes there are houses that would be an ornament to any section of any city.

These homes are a good index of the character of the people who form a large portion of the force employed in making Mueller goods. They tell more plainly than words the fact that substantial citizens are identified with this industry. Men who build homes as a rule are permanent residents, and with ownership they take on a new responsibility of citizenship. We rejoice in the prosperity of these employees, and feel that all readers of The Record will be interested in the type of homes of our employees.

There are many interesting stories of thrift and sacrifice connected with some of these homes, which will be told from time to time as the pictures are printed.

The owners of the homes on the opposite page are:

C. W. Hathaway, Asst. Chief Engineer, 655 W. Packard.

Country home B. H. Shinowski, clerk in Night Polish, R. F. D. No. 4.

James W. Edwards, Regulator Dept., 712 W. Leafland.

G. Blankenburg, Hand Molder, 634 W. Division.

Thos. E. Knowles, Polisher Day Shift, 988 W. View Street.

Carlo Donoha, 805 N. Pine St., Painter Dept, 57.

L. F. McKibben, Auditor, 720 Waggoner.

J. P. Dial, Night Supt., 1280 E. Logan.

"Did you know that Gert Ederle was intoxicated before she swam the channel?"

"Why, no, what makes you think that?"

"Well, all the papers say she was well oiled before she entered the water."—Scarlet Saint.



↑ Mueller
Employees Homes, ↓



GOLF PUTTING TOURNAMENT

To Be Staged by Mueller Golf Club at the Gymnasium

Arrangements are being made for a golf putting tournament to be staged at the Mueller gym. There are now over thirty members in the Mueller Golf Club, made up of company employees. Bobby Mueller has the best record up to date, having sunk ten consecutive shots at a distance of eighteen feet. His best score by points is thirty-five, shooting fifteen balls. Points are scored as follows: One point for touching disc; two points when ball rolls straight across center, and three points when ball remains in disc. The greens are made of ozite matting three feet wide. The resistance is practically the same as putting greens on the outdoor links.

TRACKS ARE FOR TRAINS

Railroad tracks are for trains and highways are for motorists.

Trains are just a little heavier and mightier than automobiles, which is to the point that when train and automobile meet, the train comes out best 99 per cent of the time. Trains are hard to stop and automobiles are easy, which is to the point that when highways cross tracks, automobiles should STOP.

"When a man goes upon a railroad track, he knows he goes to a place where he knows he will be killed if a train comes upon him before he is clear of the track. He knows he must stop for the train, not the train for him. In such circumstances, it seems to us that if a driver cannot be sure otherwise whether a train is dangerously near he must stop and get out of the vehicle, although obviously he will not often be required to do more than stop and look. It seems to us that if he relies upon not hearing the train or any signal and takes no further precaution, he does so at his own risk."

Those are the words of Justice Holmes of the United States Supreme Court, applying to a man's suit for redress because his automobile was demolished by a train.

There is no logic in rushing across a railroad track. There is no sense in not stopping and taking every precaution to avoid being struck by a train. There is only a world of laziness—and criminal recklessness.

A grade crossing is a rendezvous with death. There is ALWAYS a train coming.—From the Hazleton (Pa.) Plain Speaker.

Free Verse

My room8, sad to rel8,
Came 2 in a terrible st8,
Though he'd had 2 glasses
Of whisky str8,
He st6 to the story
'Twas something he 8.

—California Pelican.

The size of your feet should not bother you at all. The only worry they should give you is to keep them pointed in the right direction.

DANGERS OF GASOLINE

Familiarity breeds contempt. That's why so many accidents result from the use of gasoline, benzol, etc. Users know what gasoline will do for them but not always what it will do to them, except that if ignited it will burn them.

A lighted match should never be taken near to an automobile gas tank or any open container of gasoline.

The high ignition and powerful explosive properties of gasoline are not generally understood. The vapors of gasoline mixed with air at once become an explosive power exceeding dynamite which is generally regarded as far more powerful.

Vapors from gasoline expand so quickly and enormously that one gallon produces eight thousand cubic feet of gas. A tank 20 feet square would be required to hold it.

Some idea of the terrific force of gasoline may be gathered, says a writer on the subject, from the fact that it would require eighty-three pounds of dynamite to equal the damage done by the vapors from one gallon of gasoline.

Many explosions occur when a spark is produced by friction. For example, gasoline forced through a nozzle that tends to choke its progress, generates static electricity and unless the nozzle is touching the container into which it is discharging, a spark may be created between the two, causing a violent explosion.

Vapor proof globes should always be provided for electric lamps. A broken lamp or short circuit may also cause an explosion.

Many persons are injured as the result of washing parts of clothing in gasoline. Parts striking together, or the friction created by rubbing of clothing, may cause a spark, often resulting in severe burns and sometimes death. In most cases kerosene is just as good a cleaner and not nearly so dangerous.

Second the Motion

A small boy in the visitor's gallery was watching the proceedings of the Senate Chamber.

"Father, who is that gentleman?" he asked, pointing to the chaplain.

"That, my son, is the chaplain," replied his father.

"Does he pray for the Santors?" asked the boy.

"No, my son; when he goes in he looks around and sees the Senators sitting there, and then he prays for the Country."—Team-Work.

Asker: So you're working on an invention that will make you rich?

Teller: Yes. It's a phonograph record that will explode after it's played the sixth time straight!—Ohio State Sun Dial.

First Steno.—What do you think of Will Rogers?

Second Steno.—Gawd! If I could chew gum like that man!—Williams Purple Cow.



“Oh, for a bathroom like this in our home!”

Whether your home is ever so modest or ever so pretentious, nothing writes into it such a note of discrimination as a well behaved bathroom.

And good behavior is very largely a matter of faucets, fittings and fixtures. How about your house guest . . . would she exclaim, “Oh, for a bathroom like this in our home!” Or would she be annoyed . . . by faucets that refuse to be turned fully off or on, that habitually and audibly drip, that stick, that chug, that whistle . . . by a lavatory slow to fill, slower still to empty . . . by other inadequacies even more embarrassing?

With Mueller fittings installed in your new or remodeled bathroom, it will maintain a discreet silence, behave itself—become one of the greatest sources of comfort and pride in your home.

Don't be indifferent—look into this matter. If not entirely satisfied with the detail of your bathroom, call in your merchant plumber. Get Mueller figures. And by no means build without Mueller specifications.

Faucets, fittings, fixtures, and vitreous ware of quality for all buildings, residential or otherwise.

MUELLER CO. (Established 1857) Decatur, Illinois

Branches: New York, San Francisco, Los Angeles Canadian Factory: MUELLER, Limited, Sarnia

MUELLER

FAUCETS & VITREOUS WARE