

MUELLER RECORD

PUBLISHED AT DECATUR, ILLINOIS



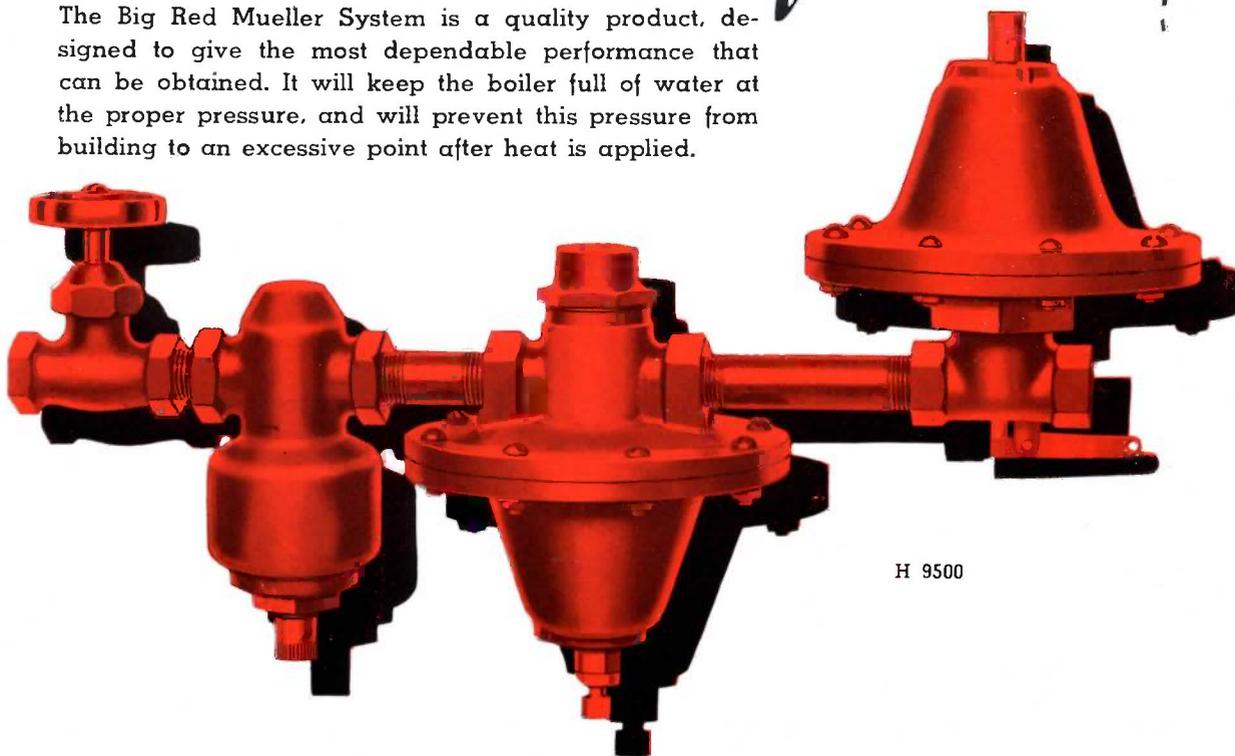
The Cache La Poudre River
SEPTEMBER, 1937

PHOTO BY C. W. FERGUSON
COLORADO AGRICULTURAL
COLLEGE.

DO YOU KNOW **WHY** IT IS GIVING SUCH

Universal Satisfaction?

The Big Red Mueller System is a quality product, designed to give the most dependable performance that can be obtained. It will keep the boiler full of water at the proper pressure, and will prevent this pressure from building to an excessive point after heat is applied.



H 9500

Both the regulator and relief valve have extra large diaphragm area, which is of great importance when controlling low boiler pressures accurately. The regulator is equipped with a quick filling device, permitting the boiler to be filled in minutes instead of hours. The relief valve cannot fail to open at the proper point because it is provided with the patented AUXILIARY SPRING SEATING PRINCIPLE, used exclusively in MUELLER relief valves.

Due to these features, the Mueller system fully protects the boiler from insufficient water, and from excessive pressure. At the same time, the efficiency is increased due to the accurately controlled pressure, and the admission of a small amount of fresh water daily.

MUELLER CO.

DECATUR, ILLINOIS

MUELLER

HEATING SYSTEM

<p>OFFICERS ADOLPH MUELLER Pres. and Gen. Mgr. ROBERT MUELLER V. P. in Charge of Pub. Rel. W. E. MUELLER Executive V. P. and Treas. in charge of Finance, V. Chrmn. Ex. & Budget Com. LUCIEN W. MUELLER V. P. in Charge of Works Management & Engineering. J. W. SIMPSON V. P. in Charge of Selling. J. W. WELLS Sec. of Company and Asst. to President. R. H. MUELLER Chief Engineer</p>	<p style="text-align: center;">MUELLER RECORD</p> <p style="text-align: center;">PUBLISHED AT DECATUR, ILLINOIS BY MUELLER CO.</p> <p style="text-align: center;">Plumbing, Water and Gas Brass Goods 79th Year in Business</p>	<p>MAIN FACTORY AND OFFICE Decatur, Illinois</p> <p>PACIFIC COAST FACTORY Los Angeles, Calif.</p> <p>COLUMBIAN IRON WORKS (Hydrant and Valve Division) Chattanooga, Tenn.</p> <p>CANADIAN FACTORY MUELLER, LTD. Sarnia, Ontario</p> <p>BRANCHES New York, San Francisco</p>
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Vol. XXVI

SEPTEMBER, 1937

No. 266

NOT ENOUGH HANDS

Goods were once made by hand because there were enough hands to supply the demand. Now the demand exceeds the capacity of the hands. That's one good reason why industry uses machines and mass production. The automobile is a good example. Millions of cars are produced annually. Enormous factory space is required for the modern methods. Suppose enough hands could be secured to build these automobiles, and then imagine, if you can, the size of buildings required to house the workmen. A manufacturer of automobiles estimates that the car which sells for \$600 would cost at least \$3,500 if made by non-mass production methods. It isn't hard to figure out just how many people could afford to buy cars at that price. In 1935 about 2428 automobiles were sold in the United States and Canada in the above \$3000 wholesale price range. But in the all price range somewhere in the neighborhood of 4,000,000 cars were sold the same year. How many mens' hands, how many hours and how much the cost of 4,000,000 cars hand made, and could it be accomplished in one year.

The cost of a first class typewriter is around \$100. A leading maker of these machines says a hand made typewriter would cost \$1000.

Then there is that little old alarm clock which can be bought at a price as low as 89 cents. The vice president of one of the biggest makers of clocks says an alarm clock made by hand would cost the user \$25.

And then think of it. We have an alarm clock which we call the "Big Bum" because it always sounds just when we are sleepest. It cost about a dollar six years ago, has worked so hard it will scarcely hold together, runs on its back, on its face or standing upside down with its legs in the air, keeps good enough time for any one but a railroad man, and has never missed

PRICE IN PROPORTION

All works of taste bear a price in proportion to the skill, taste, time, expense, and risk attending their invention or manufacture. Those things called dear are, when justly estimated, the cheapest. They are attended with much less profit to the artist than those which everybody calls cheap.

Beautiful forms and compositions are not made by chance, nor can they ever in any material be made at small expense. A composition for cheapness and not for excellence of workmanship is the most frequent and certain cause for the rapid decay and entire destruction of arts and manufacture.—Ruskin

sounding the gong on the dot. It is worth \$25 to us—even though the child of mass production, which made the price only \$1.00.

If any of these things could be made by hand in sufficient quantities to supply the demand it is doubtful if they would be as accurate in every detail as the machine made article.

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TRAILERS GO ABROAD

The trailer craze has gone abroad. A Chicago manufacturer has an order from Brisbane, Australia, for fifty of these "homes on wheels." Three of them have been shipped, being especially crated for the journey. They are not knocked down, only the wheels being removed. The same company has another order for 200 trailers for foreign delivery.

AIR CONDITION GROWING

Rapidly Climbing Into Place As A Big Industry

Air conditioning is not so new as generally supposed, according to Howard Wood writing in the Chicago Tribune. Benjamin Franklin, whose active mind led him into fields of science and invention as far back as 1780, realized the need of moisture in heated homes, had a crude evaporator pan in his Franklin stove. Others in later years sought to solve this problem, but it required many years to bring air conditioning to its present perfected stage, and it was only in recent years that it leaped into prominence and became, or is becoming, a major industry. Sales in the first four months of 1937 were 187 per cent greater than the corresponding period of 1936. Since 1933 installations show a 1400 per cent increase. Now practically every building is a prospect. Public buildings such as office, theater, hotels and restaurants were first to recognize the value of air conditioning. Railroads, likewise, quickly saw the value of it. Following in the trail of these, house owners are demanding installations.

Early Installation

Early installations in Chicago included the Congress Hotel, probably the first in the city. This included two dining rooms. Following this example, came office installations by Armour and Swift. The Chicago Tribune claims to have been the first office building that was completely air conditioned from basement to the top floor.

The Pullman Company claims the first air cooled passenger car in 1930.

From nothing in 1920 the business has risen in an estimated volume of sales of \$125,000,000.

Chicago claims to lead all other cities with a total of 1400 air conditioning plants.

Reading Habits

Reading tastes vary. One may like fiction, another history, another biography, or still another poetry, and so on to the end of the chapter. The trend in magazines would appear to show by circulation figures, and does, but when analysis of any particular group is made that test does not hold good.

"Medical Economics" after polling 2,000 doctors, found that "Reader's Digest is the favorite for regular reading, "Esquire" for occasional reading, while "Saturday Evening Post" is most often used in the waiting room.

There is no greater misfortune than not being able to stand misfortune.

CRANBERRIES ABOUT DUE

The Cape Cod Bogs Expected To Yield 500,000 Barrels

Cranberries—they suggest Thanksgiving and turkey—are about due for gathering. The Cape Cod district produces about three-fourths of the world's supply. The 1937 crop is estimated at 500,000 barrels. The berries are also grown in New Jersey, Wisconsin, and Nova Scotia. The annual value of the crop to Cape Cod growers is placed at \$5,000,000. Five thousand pickers, most of them natives of the Cape Verde Islands, or their descendants, are required to harvest the berries.

During the picking season they live in shanties in the bogs. Long toothed scoops are used which literally comb the berries from the vines. In recent years canners have absorbed 90,000 barrels of berries for canning, but the greater part finds its way to market in its natural state.

Originally Grew Wild

Originally, cranberries grew wild. It is said that a Captain Henry Hall discovered that sand spread over the bogs acted as a fertilizer which made berries grow to larger size and better flavor. The discovery was accidental resulting from a spring storm which blew sand over part of the bog. Descendants of Captain Hall are still cultivating cranberries. Gathering the berries is confined to September and October to escape the damage which would result from frosts.

Indefinite

Mother: "Have a good time at the dance tonight, dear, and be a good girl."

Daughter: "Make up your mind, Mother."

Shoo Fly

Lady in restaurant: "Why don't you shoo your flies?"

Proprietor: "Well, you see it's hot today, so I thought I would let them run around barefooted."—Puppet.

A one-time brick kiln in Collinsville, Ill., now presses neat bricks out of coal, then wraps them in paper for dustless, dirtless furnace-firing.

A water-treating process kills bacteria and algae in bottled beverages without affecting their flavor.

BIG CITY PAPER ON SHOWERS

Herald Examiner Gives Points of Superiority Which Our Adaptors Measures Up To

The Chicago Herald Examiner of August 15th, carried the following article in the building section on shower heads:

NEW TYPE HEADS FOR SHOWERS

With the increasing popularity of the shower bath either as an accessory to the regular bathtub or as individual bath, considerable study has been given to the proper design of the shower head and also to the methods by which the water temperature is controlled.

There is a noticeable trend on the part of manufacturers of shower fixtures to develop shower heads which are either self-cleaning or are very easy to clean by the mere turning of a nut while at the same time their design is such that they give a pleasant and invigorating spray and consume less water than the common spray head. These new types of shower heads are particularly desirable for locations where the saving of water is important or where supplies of hot water are limited, and they will usually be found satisfactory.

Also, from the study that has been given to shower bath design, there have developed the new types of water temperature control which allow for the adjustment of the water temperature by the usual hand valves as the water flows into the bathtub and then by the throwing of a lever the flow of water is diverted from the tub spout to the shower spray. Thus the danger of scalding is lessened and the shower bather may be sure that the water will be at the desired temperature when he steps under the spray.

No names were mentioned but the description given fits the Mueller Adaptor Shower exactly. There are 750 of these in the Palmer House, Chicago, and in hundreds of other hotels in the country. Adaptor means that these heads can be fitted to any old style tub without defacement of walls. The job is a simple one requiring not more than 2 hours time. Turn to the outside back cover of this Record for illustration.

Kid Jokes

Father: "Why were you kept in after school?"

Son: "I didn't know where the Azores were."

Father: "Serves you right. In the future, just remember where you put things."

UNCLE ABNER SAYS:



Elviry Higgins is generous to a fault; she'll share a secret with anybody.

Taxes must be like good men; we can't keep 'em down.

CAUGHT A BIG "CAT"

Last July we printed an item in the Mueller Record about the near 100 pound tarpon which Oscar Mueller caught in the Gulf of Mexico. Of course, the Gulf is much bigger than our man-made Lake Decatur, but for all that it contains some big fish, as well as many fine game fish of smaller size. The biggest fish caught so far this season was a thirty-two pound cat. Bass, crappie, perch, and other kinds are caught daily. Strict supervision is maintained by the game wardens. The big "cat" mentioned was caught by Dale Olmstead and O. G. Chapman, special watchmen of the Illinois Central.

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Make one person happy each day, and in forty years you have made 14,600 human beings happy, for a little while at least.

Should you contemplate borrowing money, it is best to borrow from a confirmed pessimist. He will never expect its return.

THE MUELLER RECORD

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

C. N. WAGENSELLER, EDITOR

SYSTEMATIC JOB HUNTING

Main Difficulty Is Not Finding Suitable Openings

Finding a job is hard work unless you know the system. Then it's an art and easy work. A staff correspondent of the Christian Science Monitor tells about it. Mr. George Keith, San Francisco, worked out the plan and has been using it to assist jobless people for 22 years. It's pure philanthropy on his part, non-profit, non sectarian. Applicants to his bureau are taught to develop skill in securing employment just as if that was his regular duty. In fact he is taught to see how many jobs he can uncover for himself and others. Mr. Keith says the average job hunter actually uncovers eleven jobs before he finds one which just suits him or for which he feels himself suited.

Three Examples

The Monitor correspondent cites the history of three cases as examples of what professionals accomplish.

An athlete, graduate of Stanford University, was three years without work. He applied the Keith method. Within three weeks he discovered 117 possibilities for employment, and took one of them for himself.

A Princeton graduate, formerly with Thomas A. Edison and later in the Advertising Dept. of a big mail order house, failed to find work in California despite four years effort. He applied to Mr. Keith. He spent nine days in the Russ Building, San Francisco, and uncovered 81 positions awaiting the right man, several with salaries over \$10,000 a year. The result was that this job hunter landed in a good place as Pacific Coast Manager of a big Electrical Appliance concern.

An ex-country newspaper man, formerly school teacher, had carried a heavy case of canned fruit from door to door at the age of 70 years. He had no sales qualifications. Finally, he talked to Mr. Keith. In a short time he found a place for himself and wife as care taker of a large country place whose owner and family were absent most of the year.

Seven Thousand Ways

Mr. Keith has maintained a file history of ways to find jobs. It shows 7,000 ways of finding jobs.

Mr. Keith says:

"Job-seeking is becoming the new vocation in a new great industry. There are always many hidden jobs. Finding a job is creating one for all practical purposes because finding things is about the only form of creating of which humans are capable, whether in physical science, mechanics or business. Each job filled creates an extensive chain of further jobs. It must be work that creates business, not business that creates work.

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STRAWBERRY STATISTICS

One Section of Louisiana Did Business of Over Four Million

At the beginning of the season Mueller Record printed a story of the development of the strawberry business in eastern Louisiana. Now that the season is over, it is interesting to know the results.

Harry D. Wilson, State Commissioner of Agriculture and Immigration (Louisiana) states that his records show shipment of 3,338 cars of berries from the district mentioned above. In these cars were 2,456,768 crates, averaging 736 crates to the car. The average price was \$1.75 per crate or a total of approximately \$4,300,000. On the peak day of the season 142 cars were shipped, averaging 736 twenty-four pint crates or 17,664 pint cups.

The picking of one car of 17,664 pints would require 141 pickers picking 125 pints each and 49 packers packing 15 crates each. Or to pick all of the 142 cars shipped on that day it would require 20,022 pickers and 6,958 packers.

"To Saturday night, May 15, there were shipped 3,246 cars consisting of 736 crates each, or 2,389,056 crates, or 57,357,344 pints. If all these berries were picked in one day, it would require 458,858 pickers who could average 125 pints per day and 159,270 packers each packing 15 crates per day. It would require one picker 1,257 years, working 365 days a year, picking 125 pints per day, to pick the crop.

If you want to carry on a further analysis of these statistics, we suggest that you do so by figuring out how many dishes of strawberries these would make at an ice cream and strawberry festival.

The figures given by Mr. Wilson do not include thousands of pints of overripe berries that are stemmed and shipped for immediate use in ice packed containers.

DEATH OF MRS. PHILIP MUELLER



Mrs. Philip Mueller

The sudden passing of Mrs. Philip Mueller was not only a great loss to her sons and daughters, but a severe shock to her wide circle of friends within and without the organization. Her death occurred at her summer cottage, Black Mountain, North Carolina, August 16. Her death was so sudden that none of the relatives here had time to reach her bedside before she passed on. The body was immediately returned to Decatur, and the funeral services were held Thursday 4:30 p. m. August 19 at Dawson and Wikoff Funeral Home, services being conducted by Rev. E. E. Freed of the First Presbyterian church. There was a large attendance, both at these services and at the cemetery. This last service was brief and simple, consisting of a short prayer. The floral tributes were numerous and beautiful.

Mrs. Mueller was a native of Harrisburg, Pa., the daughter of Mr. and Mrs. William H. Shorb. She came with her parents to Decatur as a child. She was educated in the public schools and was married to the late Philip Mueller on May 2, 1883. She is survived by two daughters, Mrs. Fred W. Kaiser and Mrs. Leda Brownback, and four sons, Robert H. Mueller, Lucien W. Mueller, Frank H. Mueller, and Clarence Mueller. She leaves also one sister, Mrs. Gertrude Martin, and one brother, W. H. Shorb.

Mrs. Mueller, beside her wide circle of friends in Decatur, was known to many persons throughout the country. During the life of her husband she always accompanied him to conventions. During the past five or six years she has made her home in Sarasota, Florida.

She was a fine example of American womanhood, kind, considerate, and generous. Her devotion to her children and her home was of that character which one likes to think of as measuring up to every responsibility of wife and mother. One of her chief charms was her frankness and naturalness at all times, and in all of her contact with people. And then there was that other charm which her friends will long remember, and that was her bubbling, good nature and the real joy and happiness she got out of life. Her interest in the welfare of her children never waned. She was always their friend, counsellor, and mother, thoughtful and solicitous and impartial in her love of them.

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HONESTY

Let honesty be as the breath of thy soul, and never forget to have a penny, when all thy expenses are enumerated and paid; then shall thou reach the point of happiness, and independence shall be thy shield and buckler, thy helmet and crown; then shall thy soul walk upright, nor stoop to the silken wretch because he hath riches; nor pocket an abuse, because the hand which offers it wears a ring set with diamonds.

—Franklin.

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A SACRED ENGAGEMENT

We should ever have it fixed in our memories that, by the character of those whom we choose as our friends, our own is likely to be formed, and will certainly be judged by the world. We ought, therefore, to be slow and cautious in contracting intimacy but when a virtuous friendship is once established, we must ever consider it a sacred engagement.—Blair

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MANNERS

Manners are more important than the law. Manners are what vex or soothe, corrupt or purify, exalt or debase, barbarize or refine by a constant, steady, uniform, insensible operation like that of the air we breathe. We rise or fall by our manners.—Burke.

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I'M TELLIN' YOU

©A.C.S.



Said the party of the second part:

"If I should be so lucky as to find a pocket book with five one hundred dollar bills in it, I would not read another lost advertisement for a year."

The politician who is wise to his "ropes" does not smoke the brand he hands out to the voters.

The reason trains are air conditioned is the result of the impossibility of raising a car window.

Nudists have a good come back to objectors. The C. B.—"I was born that way."

Girls like to think that their escorts are nice gentlemen, but they should not be too sure of it. You never can tell how far or which way a frog will jump. Same about gentlemen.

The photograph camera is nearly one hundred years old, but the original has been greatly improved until a good camera will do almost anything except make a mutt of a subject look like a he man.

Automobilists are accustomed to "No Parking" signs in cities, but who ever saw a "No Sparking" sign on a country highway, and if any one did don't think they would pay any attention to it—unless plumb "goofy."

A Topeka, Kansas, doctor reports the case of a young matron breaking out with boils every time mother-in-law comes to visit her. When "M-i-l" goes away the boils do likewise. Will the doctor explain whether "these boils" are the kind arising from being excited or the kind that sent Job's name thundering down the ages.

"Best Dresser," Frank Chapman says a man can be well dressed on two suits per year—pre-supposing he has money enough after paying taxes and gasoline bills to buy two suits of clothes.

The United Press says that after December 29 the Irish Free States will become Eire, pronounced "Air," while the Associated Press says it will be "Airy." While these great authorities are reaching an agreement, the Free States will still be old Erin to us—too much poetry and romance associated with that name to drop off hand.

PHOBIAS

You can have a phobia now and be proud of it, unless perhaps it should be hydrophobia, which still remains something to steer clear of. A Utah scientist has been telling the world about phobias, which is nothing but a suffix awaiting the annexation of the proper prefix to make a fine mouthful of a large, resounding word. The scientist, referred to, gives some stirring examples like these:

Claustrophobia—fear of caves or the underground.

Acrophobia—fear of high places.

Bacterophobia—fear of germs.

Astrophobia—fear of lightning.

And the scientist concludes with the greatest and most imposing of all phobias, namely, "verbermagna phobia" which is fear of big words. From this, we judge, the scientist is not a victim.

The reader doubtless notes that all phobias carry a fear of something or other, which is quite natural because the word phobia denotes a morbid fear often implying dislike or aversion.

Hydrophobia is different because it is more than a fear—it is the real thing if you get it into your system. Once there, however, there comes an aversion to water and liquids—and is almost always fatal unless given correct treatment. This disease as generally known comes from the bite of a rabid dog, a certain species of Russian wolf and rabid animals. The wolf bite is accredited with producing the greatest number of fatalities.

But have no fear gentle reader, you are a long way from this dangerous wolf and our dog days, supposedly the most dangerous period in this country—although generally disproved of having anything to do with hydrophobia or dogs, are a thing of the past for this year.

NOTHING TO SNEEZE AT

When You Have Hay Fever You Sneeze With It—A Sinus Ailment

Kachoo! Kachoo! Kachoo—your out. Mr. Hay Fever until next summer and one and a half million say stay out but know you'll be back again next year and that they will be in some cool sequestered spot to escape you.

One and a half million is the number given who suffer this seeming, though not, harmless ailment. Columnists and jokesmiths poke fun at hay fever but it is far from a laughing matter. Hay fever is not contagious but it may be inherited. It is primarily a nervous ailment and makes no distinction in its victims, who may be lean or fat, tall or short; nor is it a disease of the nose as commonly supposed. All of this is told by August A. Thomas in a recent issue of American Mercury.

Its Constitutional

He declares it to be a constitutional disease. The victim has in his blood a substance sensitive to pollens, which vary with individuals. The theory that hay fever cures itself automatically every seven years is discredited. Some victims occasionally escape for a season because they have not contacted the particular pollen which causes the ailment. It is not, as believed, incurable but cannot be cured by internal medicine, nose or mouth sprays or operation on the nose.

Serum Only Cure

It is curable by the injection of a serum made of the particular pollen to which the victim is sensitive. In view of the statement that different pollens affect different persons it would appear to a laymen a difficult task to run to earth the guilty pollen from which to make the serum. The statement is made that unless properly treated from 50 to 60 per cent of the victims develop asthma which is more serious. It is further stated that there are a quarter million of these subjects.

Get Away From Pollen

What appears to be the one sure relief is to go to places where there is no pollen. Popular retreats for the victims of hay fever are the White Mountains of New Hampshire, Catskills, Alleghenies and Nova Scotia. Many in the midwest find relief around Detroit and especially in the Duluth locality.

Nantucket Still Popular

Nantucket Island, 30 miles off the coast of Massachusetts, is still a popular summer resort. The normal population is between 2000 and 3000, while the summer population is 15,000

ORIGINAL TUB SHOWER



Courtesy Ledger Syndicate

J. Norman Lynd, a popular cartoonist, turns his art to real human interest subjects, such as pictured above. The Saturday night bath is accepted as a washtub near the kitchen stove, but in the accompanying cartoon Mr. Lynd has added a tub "shower bath," rather primitive and unsatisfactory, and yet admittedly producing that pleasant satisfaction of feeling dripping water coursing down the body. Perhaps the cartoonists conception of a shower in the good old days may have given some ingenious mind inspiration to improve the method. At any rate, through the long years the development of the shower has brought us to the perfect Mueller self-cleaning shower head which gives you a pelting, stinging, exhilarating, blood-tingling sensation, or by a simple adjustment a shower, which like Shakespeare's "Mercy which droppeth like the gentle rain from heaven upon the place below."

The development of the shower bath from a big sponge to the present perfect shower head is best illustrated on the back cover of this issue of the Record. Take a look at the last word in shower heads.

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Denmark Men Polite

In Denmark men entering a store raise their hats to shop girls and remain with head uncovered while being served.

An electric generator for auto trailers is powered by a rubber-tired "fifth wheel."

Wisdom of the Ages

IDLENESS

An idler is a watch that wants both hands; as useless if it goes as when it stands—Cowper.

What heart can think or tongue express, the harm that growth of idleness—John Haywood.

Do not let idleness deceive you; for while you give him today, he steals tomorrow from you—Crowquill.

Sluggish idleness, the nurse of sin—Spencer.

Evil thoughts intrude in an unemployed mind, as naturally as worms are generated in a stagnant pool—From the Latin.

From its very inaction, idleness alternately becomes the most active cause of evil as a palsy is more to be dreaded than a fever. The Turks have a proverb which says, that the devil tempts all other men, but that idle men tempt the devil.—Colton.

Sloth is an inlet to disorder, and makes way for licentiousness. People that have nothing to do are quickly tired of their own company—Jeremy Collier.

LABOR

Virtue, though chained to earth, will still be free and hell itself must yield to industry.

Get leave to work in this world, tis the best you get at all—Browning.

A man who gives his children habits of industry provides for them better than by giving them a fortune—Whately.

Labor is discovered to be the grand conqueror, enriching and building up nations more surely than the proudest battles—William Ellery Channing.

The bread earned by the sweat of the brow is thrice blessed bread and is far sweeter than the tasteless loaf of idleness.

"In every rank, or great or small,
Tis industry that supports us all."

An hour of industry will do more to produce cheerfulness, suppress evil humours, and retrieve your affairs than a months moaning.

Keep doing some kind of work that the devil may always find you busy.—St. Jerome.

Moderate labor of the body induces to the preservation of health and cures many initial diseases—Dr. W. Harvey.

A truly American sentiment recognizes the dignity of labor and the fact that honor lies in honest toil—Grover Cleveland.

Labor in this country is independent and proud. It has not to ask the patronage of capital, but capital solicits the aid of labor—Daniel Webster.

There is no rest from labor on earth. There are always duties to perform, and functions to exercise functions which are ever enlarging and extending in proportion to the growth of our mental and moral station.

Man is born to work, and he must work while it is today, "Have I not" said a great worker," an eternity to rest in.—Tynman.

The labor we delight in physics pain.—Shakespeare.

Labor rids us of three great evils, irksomeness, vice and poverty.—Voltaire.

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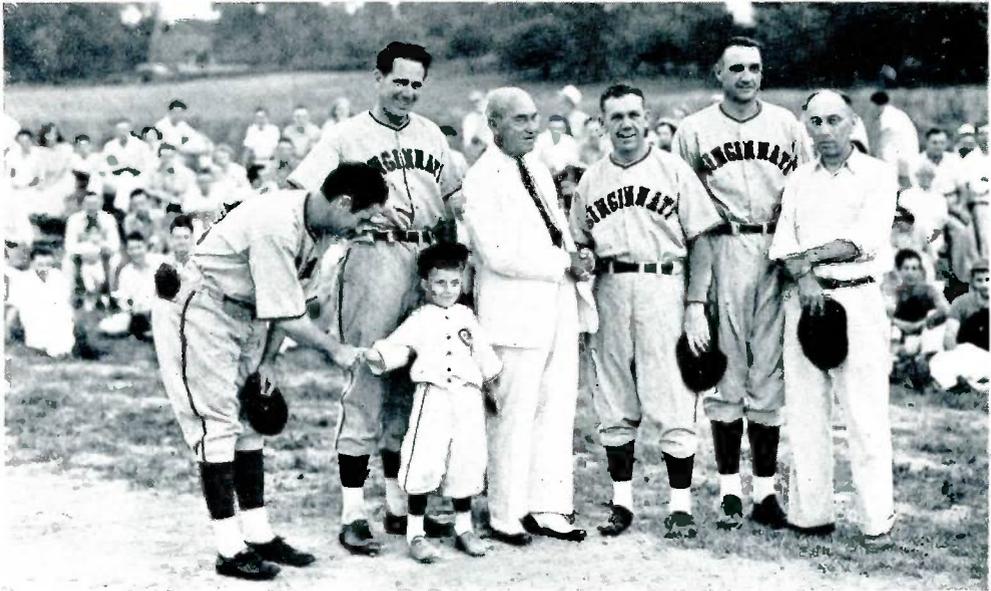
REVISE THE HEAD LINES

The New Orleans Item recently published an article which railroad managers are circulating in their efforts to decrease the number of crossing accidents. They object to such head lines as "Train Hits Auto—Four Dead." Despite a systematic effort to protect autoists against the danger of grade crossings, railroad men point out that the number of this class of accidents is increasing, and most of them occur at crossings protected by bells, lights and other device. In a large per cent of this class of accidents the train does not hit the auto, but the auto driver hits the train. The suggestion is made that the head line writers give the facts and put the blame on the offending party. Thousands of newspaper readers never get further than the headlines and the first few lines of an article, and generally the thing they remember is the head line.

BIG LEAGUERS



Participate in dedication
of our electric lighted field



Last July the company reconstructed the baseball diamond at Mueller Heights and made it suitable for use as a soft ball field. It is electric lighted to enable the Mueller League to play night games during the season as well as games with strong soft ball teams in Central Illinois. The dedication of the field took place on the evening of July 7. It so happened that the Cincinnati Reds were in Decatur for a night exhibition game with the Decatur Commodores of the Three I League. Four members of the team paid the Mueller Field a

visit before going to the league field for the exhibition game. The accompanying group picture, notwithstanding the evening was well advanced, indicates how well the new field is illuminated. In the picture left to right are: Kiki Cuyler, Paul Derringer, Adolph Mueller, Bill Hallihan, George Kelly, and Walter Behrns, local umpire and head of the core room. Phillip Mueller, of the 4th generation of Muellers, in Cincinnati Uniform made a hit with the quartette of Cincinnati Reds. He is the son of Mr. and Mrs. Frank H. Mueller.

GOOD NEWS FOR TOURISTS

Cross country tourists stand to get better accommodations before many months according to Business Week. An organization of Detroiters have plans for a chain of 1,200 modern tourist hotels. They expect to complete the plan within 18 months. The name of the organization is "Sleep-Over-In." Each unit will include 16 sleeping rooms and 10 garages with rates of \$1.50 single and \$2.50 double. Construction begins in Michigan, Ohio, and Indiana. First occupancy is scheduled for this month.

VIVID CONTRAST

Harold S. Jensen, of the son of Utah Pioneers crossed the plains in 1847 in a covered wagon. It required 111 days to make the journey. The advances made in methods of transportation was vividly contrasted recently when Mr. Jensen in a Deluxe Air Liner of the United Air Lines covered the same route in four hours. Jensen wrote United Air Lines that the air plane has written the last chapter in the final conquering of the historic overland trail.



THE CONSTITUTION 150 YEARS OLD

On September 17th of this year the 150th anniversary of the signing of the Constitution will be observed throughout the country. It will be more than the anniversary of the signing of a historic document—it will mark 150 years of undreamed of progress, of development which has made this nation the envy of the world.

We may well ask what is it in this paper, signed by 39 men, which has evoked the reverence of all generations of Americans and the tributes of great men throughout history? What is it in this paper which makes us all equal regardless of the amount of wealth we have, the work we do, our race or creed? We may better understand it if we consider a few of the rights and

protections given to us by the Constitution. These are:

1. Religious freedom.
2. Freedom of speech.
3. Freedom of the press.
4. Freedom of assembly, the right to get together at any time.
5. The right to petition the government to right wrongs.
6. The right to vote and choose our own governing officials.
7. The right to work, and to enjoy the fruits of our labor.
8. The right of citizenship or of equal protection of the law. No political group can pass a law removing the right of citizenship of any class or group.

These are but a few of the protections which the Constitution guarantees to every American through a government of three independent parts—the Executive, headed by the President; the Judiciary, headed by the Supreme Court; the Legislative, headed by the Congress.

The Constitution comes to us today with the test of a century and a half behind it. It has passed through many trials and storms but it has been able to meet every national peril and need.

It has been the foundation upon which we have built a country with the greatest opportunity, happiness and freedom for the greatest number of its people. We have built great industries that pay the highest wages in the world and where men work shorter hours than elsewhere. We have the world's highest living standards. More people own their own homes in America and we have more schools for our children. But above all, it is a country which never stands still, never ceases to go forward. More and more comforts and luxuries are on the horizon and the opportunity is open for all to strive and achieve them according to his or her ability.

The Constitution is the birthright of every American. To safeguard and protect its fundamental structure and thus to preserve for ourselves and our children the advantages enjoyed under it, is the sacred duty of every citizen of the United States.

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RAILROADS GET BUSY

Railroads have grown weary of having their method of transportation belittled by auto enthusiasts. With stream-lined trains, deluxe coaches and advertising, the railroads are now fighting back. One road advertises that "It is Smart to Ride In Coaches." One trouble is the fact that the railroads overslept on the question, or were too confident of their popularity. It's not too late to win some of this public popularity back. The hazards of the highway is helping. Many are going to railroads for this reason. They prefer to use their car as a town vehicle. Recently we were told that with three trains daily from Los Angeles to San Francisco it was necessary to make reservations a week in advance in order to secure accommodations.

• •

Dentist: "Now, open wide! I'm not going to hurt you."

New Patient—"Cut out the professional guff, old man, I'm a dentist myself."

One tale is good until another is told.

AN OLD TRADE PAPER

Gives Interesting News and Picture of Mueller Salesman In 1906

Thanks to Cashel Bros. of Palo Alto, Calif., for a copy of the Pacific Coast Edition of Domestic Engineering, bearing date of February 3rd 1906. It was mailed to Tom F. Leary, our San Francisco representative and relayed by him to this editor's desk. It is an interesting number.

In the advertising section are many familiar names, some of them still actively engaged in business. Among the advertisements is a double spread of Mueller Co's. On page 36 we show a sill stop and on page 37 we bring to the attention of the trade our pipe end reamer. Both of these articles are still popular with the trade and pipe workers.

On page 21 of the news section we find a group picture of Mueller Co. members and the traveling sales force consisting of 21 men. Of that number three are still with us, W. N. Dill, Los Angeles, Thomas F. Leary, San Francisco, and W. B. Ford of Birmingham, Alabama.

"A group of Representative Salesmen" and that's what they were. In the group are quite a few men who were known from coast to coast in the plumbing, water works, and gas industries.

Under the heading of "The News of the Week in Brief" we find this item:

"Oscar B. Mueller, treasurer of the H. Mueller Mfg. Co., and Manager of the Eastern Division, Canal and Elm Street, New York, sailed on Thursday for Havana, Cuba, where he will meet Mr. Ford, the Southern Representative of the company and make a tour of the principal cities of the island to look up their condition."

The name of the publisher or editor does not appear but it is our recollection that the editor was Mr. John Allen.

A study of the advertisement shows the great improvements which have taken place in plumbing goods in the past 30 years. Fuller work was very much in evidence in the period represented by this publication. Now it is seldom heard of. Self-closing work of the "rabbit-ear" type was just coming into notice. Plumbing faucets of various types lacked the graceful lines, which are so much in evidence now.

• •

"The Other Kind

"Native: 'Be ye tourists?'

"Weary Tourist: 'No—detourists!'"

A good manager gives orders to himself as well as to those under him.

Deaf Girls **FINGER** Singing Familiar Song, "Let Me Call You Sweetheart"



Left to right: Miss Mabel Gates, Decatur, spelling "Call", Mrs. Shawl, Chicago, spelling "You" and Miss McKinnon of Oregon, spelling "Sweet Heart"

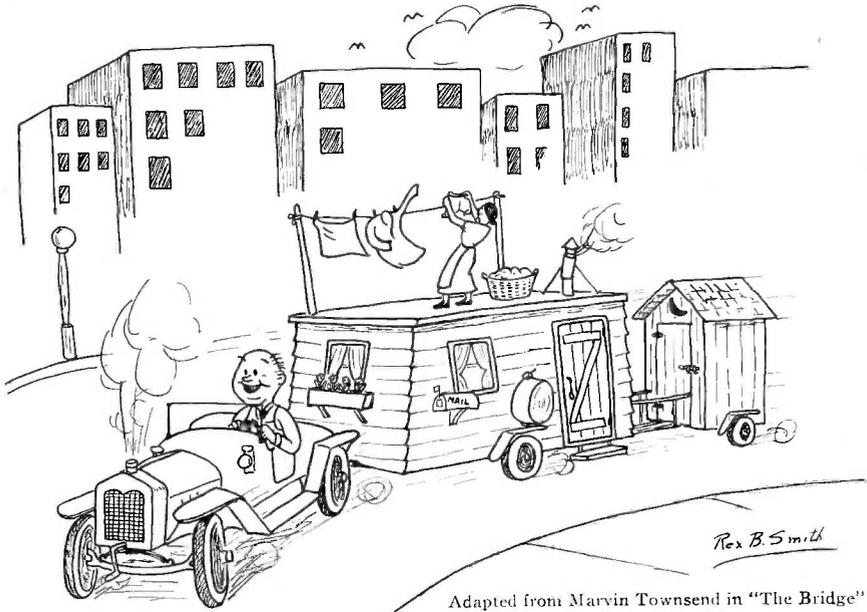
Mabel Gates has returned from her vacation in Chicago. While there she attended the convention of the National Association of the deaf. The meeting was held in the Hotel Sherman and over 3000 were registered. The social activities included a trip on Lake Michigan to St. Joseph, Mich., a city which has long been noted as the Gret-na Green for Chicago's love lorn; also the House of David, but Mabel escaped the influence of either of these so far as we can learn, as she gives out no information to the contrary. However its quite significant to note that Mabel was photographed with two girl friends as the trio sang in sign language that old favorite, "Let Me Call You Sweetheart." The trio was composed of Mabel, Mrs. Shawl of Chicago, and Miss McKinnon of Oregon. This gained the girls quite some fame as the picture appeared in the Globe-Democrat, Chicago Tribune and other metropolitan papers. Social activities in addition to those mentioned above in-

cluded a sight-seeing excursion, a picnic at Riverview Park, a banquet and a night club of deaf performers. Life, a national magazine, had special photographers at the various functions. President Roosevelt, an able user of his hands in conversing with the deaf sent a cordial message of greeting to the convention.

The reader will doubtless notice that none of the trio hurts the eyes. Their faces are keen, alert and intelligent,—characteristics of deaf mutes.

Miss Gates is employed in our Printing and Stationery Department and her handicap does not prevent her from performing duties assigned to her. Since she joined the organization 2 years ago, she has become a favorite. At our parties she is much in demand as a dancing partner, and while unable to hear the orchestra, keeps in perfect step. And she is not a bit lonesome—many of her office companies have acquired the finger language in order to be able to communicate with Mabel.

WOMANS WORK NEVER DONE



Adapted from Marvin Townsend in "The Bridge"

Over the endless trail by day and night we roam, with some of the comforts and all of the drudgery of "Home, Sweet Home."

COME from INDIAN DIALECTS

And A Good Many Mis-interpretations The Result According to Authorities

State names were originally derived from Indian dialects, but it is suspected that some poetic interpretations are not wholly justified, according to ethnologists in the Smithsonian Institute. The names in most instances, say the experts, are not original Indian terms but often mispronunciations by the early white settlers. In the Institute are numerous experts on languages of various Indian tribes who do not uphold translation, which have long been accepted as correct.

For instance, Dr. John R. Swanton, expert on languages of Southern Indians, takes Alabama as an example. He says there is no justification for the translation, "here we rest" as given in most dictionaries. The best derivation suggested, says Dr. Swanton, is from the Choctaw words "Alba" meaning vegetation and "amo" meaning to cut or gather.

Dr. J. N. B. Herritt, another expert, passes on the name Ohio, an Iroquois term generally translated "Beautiful river" but he adds that "beautiful" is probably not to be interpreted in the aesthetic sense as it means rather, "beautiful for camping or fishing."

Massachusetts seems more simple coming from the Algonquin words "massa"—big wadchu" and hill.

Illinois also comes within simpler translation. From the Algonquin is the word "Illini" meaning "the people" or man plus termination "ek." thus it means "The people." French explorers shifted the "ek" to "ois."

Minnesota comes within the realm of poetry "land of the sky blue water." "Minne" is a Siouan word for water. "Sota" is defined in the Smithsonian Siouan dictionary as meaning "clear but not perfectly clear." A better approximation might be "milky blue." It refers to the river, not to the clear blue lakes of the north country.

● ● Flat Iron

Teacher: "Johnny, who was Anne Boleyn?"

Johnny: "Anne Boleyn was a flat iron."

Teacher: "What on earth do you mean?"

Johnny: "Well, it says here in the history book: 'Henry, having disposed of Catherine, pressed his suit with Anne Boleyn.'"

Misfortune is a good teacher even though a hard one.

A blush on the face is better than a blot on the heart.

RUBBER

How trees are grown, tapped and milked for indispensable product

What would we do without rubber. Metaphorically speaking the sight seeing buses would be up against a hard proposition for patronage, because these bus patrons are "rubber necks." Rubber necks would make good spare tires if it were not for the fact that they always leak at the mouth, and there is no way to plug the puncture. Commercially we'd have a heck of a time without galoshes, foot rubbers, and above all auto tires. There are hundreds of other articles of daily use into which rubber plays an important part. Some of the big manufacturers of autos have their own rubber plantations in Malayan Islands, Africa, and other countries where climate and soil combine to make growing of rubber trees possible and profitable.

Production Not Difficult

Production of raw rubber is not difficult or intricate according to W. F. Piper, a writer in "Better Methods," who recently visited plantations in Malaya. Trees are started from seeds in a nursery. When 2 inches high they are transplanted. At 6 years they are 8" in diameter and ready for milking. This process is similar to tapping maple trees. The rubber tree is tapped by cutting a slot one-half way around the trunk at an angle of about 45° and about 3' from the ground so that the rubber milk, called "latex," will flow to where a little tin spout is stuck in the tree through which the milk will drip into a cup. Most of these cups are a half a coconut shell hung from a sling from the spout.

Milking The Trees

This operations is started 3' from the bottom of the tree and each day they cut the slot about 1/4" lower until it is so low the cup is on the ground. By that time the bark has grown back on the tree 3' up where they started. so they paint the damaged side with a black medicated tar paint and repeat the process on the other side of the tree. This is kept up for about thirty years; first one side from 3' up down to the earth, then the other side.

The milk is allowed to drip from a new cut from morning until noon. Cups holding about a tea cup full are emptied. The cups emptied and washed and the tree allowed to rest until the following day.

The drip from the first cut combines milk, bugs, flies, and dirt. This goes through a

regular cleaning process producing third class rubber, which is used for rough work.

Classification

Class No. 4 is clean latex, as rubber is known. Private concerns dry this by building a fire under it and smoking it. English firms steam dry it, producing creamed-colored rubber of No. 1 quality.

Some American users ship pure rubber milk direct to the states in 50 gallon drums and process it here.

In Malaya coolies carry the milk to processing houses where it is dumped into a vat and water added. To hurry settling formic acid is added.

It sits 24 hours, is then taken from the vat and cut in chunks which look like clabber. Then it is put through rolls which produce thin sheets, which are dried, boxed, and shipped.

Chinamans' Crude Methods

Chinamen who may own a few trees have rollers operated by hand to form the sheets which they hang on lines, fences, or spread on the grass to dry.

Sheets of rubber are usually rolled to a thickness of 3/16 of an inch.

Mueller Co. is a large user of rubber in the form of hose, washers, valve seats, and other purposes necessary to making plumbing, water goods, etc.

Consumption Highest in History

Consumption of rubber this year is running at the highest rate in history averaging 95,395 long tons per month. All countries except Spain have absorbed more rubber than in 1936. Average consumption is 15.1 higher than a year ago. United States has increased its crude rubber consumption to 50,821 tons per month, 7.2 above the 1936 rate. While other nations show an average increase of 9099 tons per month, an increase of 25.6 over 1936.

Germany and Japan have both increased their imports of rubber.

"Finally, it is interesting to note that, despite the sizable increase in consumption of crude rubber in the United States during the first seven months of 1937 compared with 1936, the increase of crude rubber absorption abroad for the first five to six months has been roughly three times greater."

• •

If folly were pain there would be much crying in every house.

Darktown Stuff



Drat the Baby

Mose: "Come here, quick, Mandy, the baby's got something in his diaphragm."

Mandy (approaching on the run): "Laws Sakes! eff dat don't beat all—and I jess done put'em on him."

Asking for Prayers

Rastus: "Pahson, suh, Ah wants you all to pray for me. Ah's in a bad way, suh."

Pastor: "Well, Rastus, what's wrong with you?"

"Ah's got a floatin' kidney, suh."

"But Rastus, I can't pray for physical things like that; I only pray for spiritual things."

"You all can't pray for a floatin' kidney? Den how come you all prayed last Sunday fo' the loose livahs?"—Pointer.

Sure Winner

"Ah wins."

"What yuh got?"

"Three aces."

"No, yuh don't. Ah wins."

"What yuh got?"

"Two nines and a razor."

"Yuh shoh do. How come yuh so lucky?"

All Out of Luck

Mistress: "Mandy, I've heard about your hard luck and I'm terribly sorry."

"Deed, ma'am, Ah ain't had no hahd luck."

"But your husband—wasn't he killed in an accident yesterday?"

"Oh, yas'm; but dat's his hahd luck, not mine."

The Faithless

Pastor: "Your faith is mighty slim. Here we have gathered to ask the good Lawd to make it rain, an' not a one of you brought an umbrella."

Who He Was

An old negro, when brought before the judge, was asked if he were the defendant. Pointing to his attorney, he said:

"Dah de de'fenant. I's the gent'l'man wat stole the chickens."

Isolation

"Sam, Ah understands they didn't isolate yo' when youall was sick."

"Ah knows it, niggah. Ah couldn't affo'd de ice."

Check and Double Check

"And why is Ben wearing the big plaid vest?"

"Haven't you heard? The doctor told him to keep a check on his stomach."

Could Have Been Worse

"Did you hear about Captain Jones shooting Rastus last night for being in his chicken coop?"

"Yes, I heard all about it—mighty bad, mighty bad, but it could have been worse, it could have been worse."

"I don't see how it could have been worse when it killed him."

"Yes, but if it had been the night before it would have been me."

Dating Her Up

A comely colored girl has just been baptized in the river. As she came to the surface she cried, "Bless de Lawd, Ise saved! Las' night I was in the ahms of Satan, but tonight Ah'm in de ahms of de Lawd!"

"Sistuh," came a baritone voice from the shore, "are you dated up for tomorrow evening?"

Good Wife

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

"Oh, yassah, mah wife doan need no watchin'. She wuk jes as hard as if'n Ah wuz dere."

Mistress: "Anne Mae, I notice you have been taking our empty grapefruit hulls home with you. What do you do with them?"

Anne Mae: "Yes-um," she admitted, "I'se been carrying 'em home. I'se think they make my garbage look so stylish."—The Country Gentleman.

No Losses

Timid Woman: "Has anyone ever been lost in crossing here?"

Ferryman: "No'm. Mah brother was drown'd hea last week but they foun' him nex' day."

1937 PICNIC Merry Go Round, Organ Grinder, Paper Caps, Games, Music and Balloons Gave it Carnival Atmosphere.

Just how many Mueller Employees picnics we have held is rather uncertain, but since our Golden Anniversary was celebrated on September 7, 1907 we have missed but one year, which was during the war.

The annual event this year fell on August 14, and what a beautiful midsummer day it was, real picnic weather with a gentle breeze from the south to temper the heat. The festivities were held at Mueller Heights, one of the prettiest locations in this vicinity. From 10 o'clock in the morning until 11 o'clock at night there was something going on every minute to entertain the big crowd of some four thousand persons who attended. It was without question our greatest and most enjoyable picnic. There were no strings tied to the committee. The members fashioned the program as they saw fit.

Here are some of the highlights of the great day.

A herd of 12 small ponies for the children under 12 to ride; A merry-go-round with music carrying forty passengers was in constant operation during the day and evening. Then there was Frank with his hand organ and his little trained monkey, Joe, proving one of the best features of the day. After a strenuous search for this feature, the Chicago Chamber of Commerce gave the committee a clue, and Frank was brought down from Chicago. He is much in demand there during the summer season.

Monk Made All of Us Kids

Throughout the day he was surrounded by children and grown people, and Joe, the monkey, got a hard work out. It was the unanimous opinion that the monkey was the best trained, and most intelligent little beast ever exhibited in this city. Frank's remuneration was taken care of, and it was a generous allowance, but the children and grown ups kept a flow of pennies, nickels, and larger coins going to the little performer all day long. And did the monkey take care of them, separating pennies, nickels, dimes and quarters, and putting each different coin in four different pockets in his uniform. Only once was he fooled. Some one threw out a half dollar. The coin was too large and Joe had no pocket to put it in. Here are a few other things the little rascal did beside pocket coins and doff his hat. Catch a ball tossed in the air with the accuracy of a Medwick, play symbols, ring a bell, shoot two small "crap dice," smoke

a pipe, turn summersaults, strike and light a safety match, shake hands with the children, lift the hem of the girls' dresses and glance up knowingly, besides many other didoes. Frank and his monkey are down for a return engagement next year.

At The Open Air Theater

The Mueller open air theater at the Heights seats about two thousand. It had been greatly improved for the 1937 picnic. The seats and backs were covered with removable, brown canvas providing comfortable seating beneath the spreading limbs of the trees. For the evening performance additional flood lights had been installed giving increased illumination, and the loud speaker carried voices clear and distinct to all parts of the amphitheater.

Afternoon Program

Platform Exercises—C. Gordon Jumper, Master of Ceremonies.

2:00 P. M.—First Drawing for Sink Combination—Directed by Harley Himstead.

Flag Raising—Boy Scouts and Goodman's Band, direction of Scout Master H. Donald Boggs.

Happy Days—Goodman's Band.

Hume Sisters—Hill Billy Songs.

Music—Goodman's Band.

The Thompson Quartette.

Music—Goodman's Band.

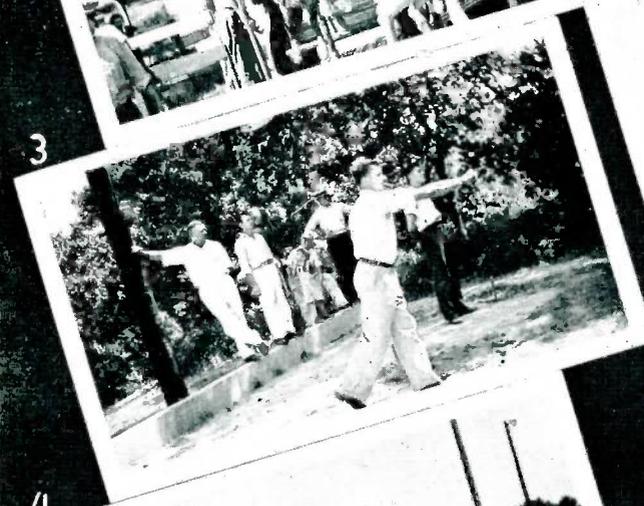
Xylophone Solo—Robert Rink.

Music—Goodman's Band.

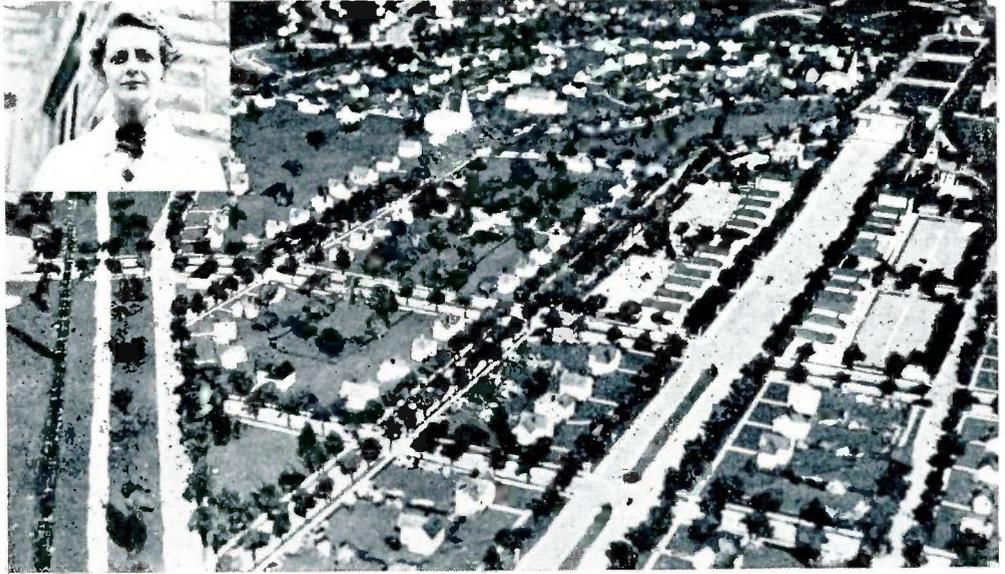
(Continued on Page 18)

Pictures on Opposite Page

1. Crowd around the Merry-Go-Round.
2. Close up of children enjoying rides.
3. The Horse Shoe Pitchers.
4. An action picture of the ball game.
5. The Annual Baby Show, thirty-three entries. Each one received a dollar to begin a savings account.
6. Inflated balloons for all children.
7. Joe, the monkey, gets acquainted with Adolph.
8. And then Joe makes up with Carol Edmonson.
9. Members of the Girls Acrobatic Class. They put on a good show.
10. Mr. and Mrs. J. H. Dowden, oldest couple on grounds. 87 and 85.
11. Joe, the monk, takes time out to smoke his pipe.



Made to ORDER Oldest Town in Illinois to be Moved to New Site



The Model City as Designed by Mary Long Whitmore (Insert)

The destructive Ohio river floods last January are still fresh in the minds of the public. Among the worst sufferers were the residents of Shawneetown, Illinois, who on several previous occasions have felt the force of the raging river.

Shawneetown is among the oldest of Illinois cities, and therefore of great historical significance. The first bank building in Illinois is still standing and occupied. The terrible havoc and loss which floods have inflicted, and especially those of last January, have resulted in a determination to move the old town to higher ground, and plans to that end are now well advanced.

New Location Above Flood Line

The site selected is adjacent to the Shawneetown Community High School. The 1937 flood crest was 376 feet above sea level. The new site of the city will be 400 feet above sea level, and the engineers say it puts the town safely beyond any future flood damage.

Mary Long Whitmore Designer

The city will surpass in beauty and modernity any community in the United States, and the striking feature is that the engineer and landscape architect is a woman, Mary Long Whitmore of Metropolis, Ill. She drew on paper, her plan and then from the sketch built a model of a city which was accepted, a great achievement in view of the

fact that the lady was in competition with nationally known experts on city planning. It is claimed that this is the first attempt ever made in the United States to move a city of any size. The old site is to be made over into a state park and some of the historic buildings, such as the court house, the bank building, and early residences will doubtless become a part of it.

Mary Long Whitmore, whose plan was accepted, gives Mueller Record some of the principal features of her plan.

A street system which will provide for the easy flow of traffic throughout the city with as few intersections as possible. The streets are adequate for the present and probable future of the town, measuring 40', 26' on boulevards, and 100' for the main street. All measurements are from curb to curb.

Adequate parking facilities have been provided around all public buildings and at the rear of the business blocks.

All residential property has been planned for 80'x150' lots that being the minimum. These have so been arranged that they will be zoned automatically so that property values now and in the future will be maintained.

There is a system of parks provided so that future growth of the city will not interfere with these areas.

Playgrounds and park facilities are and must be an integral part of every city today so should be provided for in all new designs where land is available. It will prove of infinite value for the future.

The plan for the city is such that the future growth has been estimated and provided for in the size of blocks, etc. This city has an expansion of 12 to 14 more blocks for the commercial center and an unlimited expansion area for the residential section.

The court house has been placed upon the highest spot in the new location, and has been surrounded by a park so that at no time in the future will there ever exist a "court house square" which creates one of the most difficult problems in the handling of traffic.

There are no alleys in Shawneetown, but an easement of 10' will be maintained down the center of the blocks for utilities.

It took the designer of the new city six weeks to build the model, which measures 14'x16'.

The section of the city for negro inhabitants has been landscaped in the same manner as the rest of the site. The colored folks will also have a park of their own. The question of moving from the present site was not settled arbitrarily by authorities. Petitions were circulated and 98% of the residents of the old town signed in favor of the change.

Public Buildings

Among the public buildings in the new Shawneetown will be a post office, city hall and court house, grouped on the highest ground in the center of the city. There will be seven churches, three schools, a community building, a freight station, three parks, four factory buildings, railroad station and a grain elevator.

It is expected that the residents of Shawneetown will be in their new homes in less than two years.

Main Street will present an unusual layout. The street is to be 100 feet wide, bordered by a five foot sidewalk. Inside of this sidewalk will be a parkway seeded with grass and growing trees. Between this parkway and the business houses will be a sidewalk twelve feet in width.

Sets New Standard

Even those uninitiated in designing and landscaping can visualize the beauty of the designer's plan, as well as her conception of meeting problems of modern requirements, in a practical as well as an artistic way. Mary Long Whitmore may, perhaps, have set a new vogue in developing American cities. She has taken a long step in advance of the accepted principles and prac-

tices of municipal planning which have for so long been accepted as standards. Her plan not only kept in view the aesthetic side of the problem but the practical as well, chief of which, perhaps, is the one of traffic and parking.

GUESTS AT OUR PICNIC



Among the guests at our annual picnic August 14 was Mrs. Fredric Schluter, of Princeton, N. J., accompanied by her sons, John, William, and Peter. Mrs. Schluter is the only daughter of Mr. and Mrs. Adolph Mueller. The accompanying picture shows John and William in cowboy hats making friends with "Joe the monk", with Adolph an interested spectator. It was a great day for the Schluter boys.

Treasures of the Earth

The universe pays every man in his own coin; if you smile, it smiles upon you in return; if you sing, you will be invited into gay company; if you think, you will be entertained by thinkers; and if you love the world and earnestly seek for the good that is therein, it will pour into your lap the treasures of the earth.

In prosperity we need moderation, in adversity, patience.

Money is a good servant, but a bad master.

PACIFIC

Coast Organization Has Picnic in Alhambra Park

The third annual picnic of the Mueller Co.'s Pacific Coast factory, Los Angeles, was held July 17 in Alhambra Park, a delightful location for an outing. The California weather measured up to its reputation, and a great day of fun was the net result of the outing. Athletic games, aquatic, sports, golf, dancing, etc., kept the merry-makers busy throughout the day and late at night. The program of events clicked in every particular, and if there were any dull moments they did not show on the surface.

Mr. Adolph Mueller timed a business visit to the coast so that he could attend the picnic, and our coast reporter writes that if any one got any more enjoyment out of the event than Adolph they certainly had to travel fast and furious.

Golf

The picnic opened with the golf tournament at the Montebello Golf Club. Some of the players teed off as early as 6 A. M.

O. O. Abraham of the Machine Shop won the prize for low score with an 86, while Sam Rauworth of the Main Office was second with a score of 90. Abraham also won the prize for low score blind hole. Billy Jett carried off the honor of being the best dressed golfer.

There were plenty of long drives and some good ones, "but," says the reporter, "we believe the nearest any one came to getting a birdie was a pair of crow feet around his eyes trying to locate balls in the rough. Anyway, it was lots of fun and the starting of a good picnic."

Baseball

The baseball game was played at 10 A. M. at the Park School diamond. Bud Porter's West Side Nine was pitted against Jack Masoni's East Side Nine. The adherents of the opposing team lined up and put a good deal of conversation and comment into the play. Masoni's team started scoring early in the game, and it looked like they were going to "eat 'em alive," but baseball history shows that it generally takes nine innings to determine the winner. After Porter's West Siders got the range they opened up their batting eyes and won the game by a score of 16 to 13. Glenn Blize of the Assembly Department, led the hitting, getting four out of five times at bat. Howard Lund, of the Polishing Department, made three hits out of five times at bat, and was responsible for the three winning runs as he hit a homer with two men on bases.

As Roy J. (Pop) Baker filled the position of umpire and to make it all the more a scrappy game, the losers claimed that he had a good deal to do with the West Siders victory.

Swimming

One of the big features of the day was the swimming contests conducted by Joe Higbee and Evelyn Briggs. Evelyn is a clerk in the Superintendent's office, and Joe is our chemist. The day was warm and the water fine, the contests spirited, and most of them close, which brought cheers from the crowd in and around the pool.

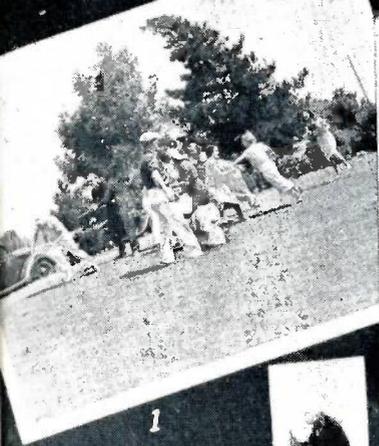
These winners were:

50 Yard Free Style—1st., Bill Kulikov; 2nd., Jack Christy; 3rd., Lacy Mayfield.

(Continued on Page 24)

Pictures on Opposite Page

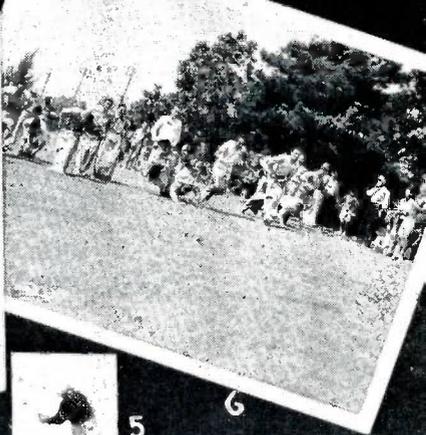
1. Women's Relay Race, Mike Liebher in charge.
2. Adolph Mueller ready to drive.
3. Start of the 50 yard free style swimming race for men.
4. George Leach ready to swing. Kenney Potts and Sam Rauworth looking on.
5. Bill Jett best dressed player, if not the best player.
6. Men's Sack Race.
7. Left to right: Mrs. Ross Dailey, Mrs. W. Wunderlich and Mrs. Marr.
8. Evelyn Briggs and Joe Higbee, the swimming and diving experts.
9. Ball throwing contest for men. Jack Warren, the winner in action.
10. Adolph Mueller, Mrs. Reedy's sister, Mrs. Reedy, and Emmett Reedy.
11. Fred Klinck in golf tourney.
12. After the game—left to right. Fred Klinck, Emmett Reedy, Charlie DuBois, Adolph Mueller, Bill Jett and Gerald Preshaw.
13. Gerald Preshaw making a good drive.
14. Left to right—Miss Ora Jacobs, Mrs. C. R. Foltz, with white halo, Miss Marie Zale, C. R. Foltz, Miss Claire Zale, Miss Sylvia Zale and Miss Audrey Zale.
15. Emmett Reedy in a statuesque pose.
16. Joe Barendale tees off while Pete Briock looks on.
17. Joe Morgan holding the cord and proclaiming the winner.
18. Bobby Morgan in the foreground watching the winner in one of the sprints across the line.
19. Sally Hanna and Suzanne Reedy doing a dance number.



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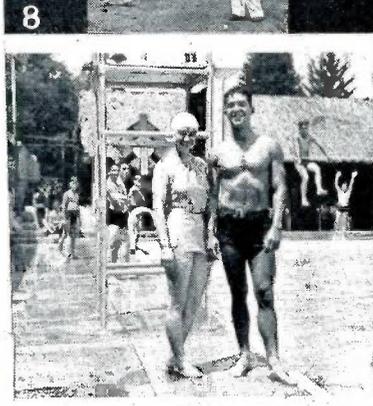


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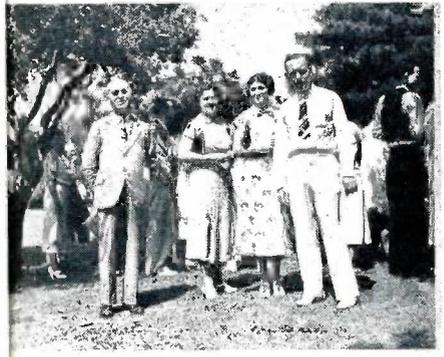
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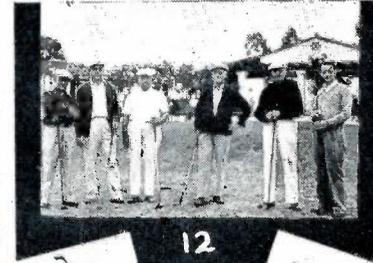
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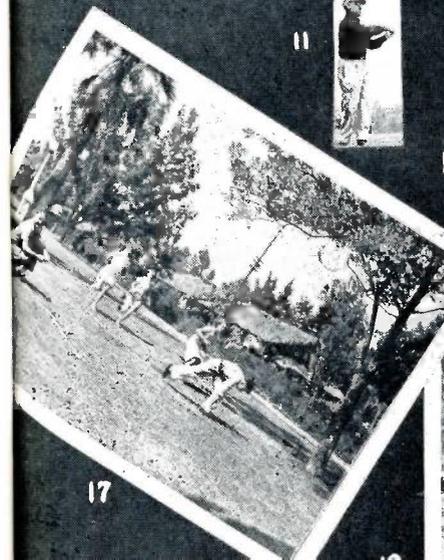
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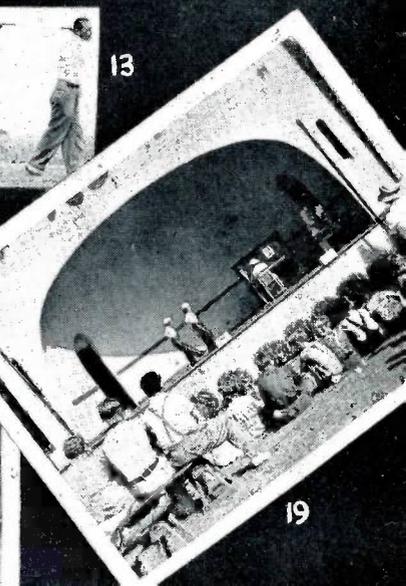
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25 Yard Backstroke—1st., Jack Christy; 2nd., Lacy Mayfield; 3rd., M. C. Foster.

75 Yard Medley (3 Men Team)—1st., Jack Christy, Bill Kulikov, Lacy Mayfield; 2nd., Frank Read, Kenny Potts, Merwin Pierce.

100 Yard Relay—1st., Sheldon Karyakin, Jack Christy, Lacy Mayfield, Bill Kulikov; 2nd., Frank Read, Merwin Pierce, Kenny Potts, M. C. Foster.

High Diving (Men) — 1st., Frank Read; 2nd., Merwin Pierce; 3rd., Lacy Mayfield.

The women's high diving was easily won by Evelyn Briggs, who came through with perfect form.

Adults Games

Warren Wunderlich and Mike Liebherr did a swell job conducting the Adult games,

Winners were as follows:

Men's Throwing Contest—(Prize—Necktie) — Jack Warren, Night Foreman.

Relay Race For Women—(Prize—Cossages)—Wilma Wilgus of Packing Department and Evelyn Berg, Core maker.

Sack Race For Men—(Prize—Dress shirt) —Wm. Young of Machine Shop.

Bean Race For Women—(Prize—Bridge Playing Card Set)—Opal Jackson of Core room 1st., Mrs. Hatfield 2nd. (Prize—Cork Coasters).

Nail Driving For Men—(Prize—Car Lubricating & Wash Job)—Geo. Tolladay of Superintendent's office.

Nail Driving For Women—(Prize—Rug) 1st.—Mrs. Inez Wunderlich. (Prize—Cork Toasters) 2nd.—Opal Jackson.

3-Legged Race For Men—(Prize—Handkerchiefs)—Bob Hanna, Polishing Dept. and Glenn Blize, Assembly Dept.

3-Legged Race For Women — (Prize—Handkerchiefs & Sachet)—Mrs. Geo. Nursall & Mrs. Lee Marcum.

Egg Tossing For Men—(Prize—2 Bottles of Skin Bracer)—O. O. Abraham of Machine Shop and Melvin Porter of Machine Shop.

Throwing Contest For Women — (1st. Prize—Scarf)—Velma Lowry; (2nd. Prize—Rubber doll)—Bernice Blue.

Sprint For Men—(Prize—Sport Shirt)—Geo. Swarberg of Machine Shop.

Wheelbarrow Race—(Prizes—2 Cans of Talcum)—Melvin Porter, Machine Shop and Lee Marcum of Bucing department.

Afternoon Exercises

The children's games were well attended and very well conducted. Arthur Arguelles had a fine assistant this year, Miss Donna Daughterty.

The pony, balloons and favors kept the children busy while their parents enjoyed the Beano Game. The game was faster and more exciting this year and more tried their luck than ever before.

The afternoon exercises opened with a brief welcome by W. N. Dill followed by an address by Adolph Mueller.

Preceding his address Adolph read the following telegram of good wishes to the audience:

Adolph Mueller

Mueller Picnic

Alhambra City Park, Calif.

Give to the members of the Pacific Coast factory the hearty congratulation of Decatur organization. Best wishes for a perfect day on which to mingle in good fellowship and a wish that Decatur's practice of playing earnestly and happily when you do play will predominate through out the holiday activities and leave you with pleasant memories of the outing.

Mueller Company
Decatur Organization

These exercises were followed by an entertainment in the open air theater with Roy Baker in charge, assisted by George Leach. The program follows:

Quartette—Kenneth Potts, Bud Porter, Russell Barkley, Bob Hanna.

Dance—Suzanne Reedy and Sally Hanna.

Jonah and the Whale—Pat Dudley.

Cowboy Songs—Harvey Zehner.

Songs—Gloria and Jack Arguelles.

Accordion and Violin Duet — Norman Newton and Harvey Zehner.

Broken Rythm Tap—Evelyn Berg.

Character Songs—Marvin Van Lotta.

The entire program was given with dash and spirit and every number was generously applauded. By request of the audience, Adolph sang "Old Black Joe" accompanied on the piano by Claire Zale, and everybody joining in the chorus.

The drawing for the sink combination and for prizes for children under ten years of age created much interest.

A real picnic atmosphere was maintained by many bringing basket dinners. Emmett Reedy was voted the prize for over consumption of fried chicken, Bill Jett got away with a couple of after dinner stories, "unaccustomed as he is to public speaking." Some one stole a large water melon from Jerry Preshaw. Every one on the grounds was accused and searched and it was finally located but in a place from which it could not be recovered. The sudden enlargement of Charlie DuBois' stomach caused the guilty finger to point at him.

Out of the Ordinary

Magistrate Mark Rudich, Bridge Plaza Court, N. Y., fined a Brooklyn store keeper for selling a customer a pair of suspenders on the Sabbath. The plea that it was necessary to keep the customer's pants up did no good. The Judge evidently reasoned, "let the pants fall where they will but the law must be upheld."

K. B. Thompson, Melbourne, Fla., made a bet and agreed to eat his hat if he lost. He lost. He "Et his hat, a panama, and said, 'it was better than spinach.'" Lot of people agree with him, but not "Pop Eye."

Mrs. J. F. Henninger, Lincoln Neb., taking a nap in the basement, awakened suddenly under the impression of a fierce rain storm beating down. She was thoroughly drenched. A prowler, who could not get in the house, had aimed the garden hose on her, and made her the receiving end of water works.

We used to say "and the wind blew through his whiskers," but in this news a broken bicycle chain gets a strangle hold on the alfalfa, worn by an Englishman who was found crawling along the road dragging his wheel by his whiskers.

Pearl Campbell, Cleveland, in 1934 answered an advertisement for a maid in a hotel. The other day she was sent for and put to work.

Maxine Bayley, Carmi, Illinois, in her auto, raced frantically down a gravel road waving excitedly at a locomotive engineer, who finally stopped the train. Miss Bayley hurried to the engine and smilingly sweetly, asked, "May I mail this letter on your train, please?" The engineer did not say what he was going to say, but he did say it after the train was well under way. It was so hot a say, that the fireman did not have to shovel any more coal that morning.

Putting Arsene Roy into a jail cell at New Bedford, Mass., was quite an engineering problem because of his weight, 405 pounds. He was oozed in by degrees. It wasn't so much a problem in making him special clothes but officials are worried about keeping him alive on the regular allowance of prison fare.

Elmer Holder, Jerseyville, Illinois, had a pet rattle snake. Angered by the slamming lid of its cage, Mr. Rattler struck at the lid, missed it and sank its' poison fangs in its' own body. Dead in 20 minutes.

Sergeant Edward Tucker, Newark police force, came out of a restaurant and found a young man trying to start a new car. Tucker offered friendly suggestion, finally, taking a key from his pocket said: "Try this, it may work." It did. "Push over son and let me under the wheel. It's my car, I'm a cop and am going to give you a ride—to the hoosegow.

A sow with a litter of 10 pigs caused a dispute and a law suit between C. A. Reynolds and Carl Hedlund. Justice Clyde Thompson, unable to decide the question of ownership, had "Mama" pig and babies placed one-half way between the homes of the disputants, barred "hog calling" and awaited results. After two hours "Mama" settled the question by leading the family to Hedlund's.

After fifty years of married life Gotlieb Lear, Eustis, Neb., decided the bargain had been a success, and paid the marriage fee of twenty dollars to Rev. H. Kloeckner, who had married the couple.

Harry Parker, colored door keeper of the Congressional Committee on Ways and Means for 46 years, aged 75, has been retired on full salary \$1260 by a house vote of 340 to 0. The little old negro was in the gallery during the proceedings. All members whirled their chairs and gave Harry a tremendous ovation. It was, "One of the warmest demonstrations ever given any man." All of this may not be so much "out of the ordinary" as the fact that the movement was sponsored by a Southern Democrat, Hon. Robt. L. Doughton (N. C.) and upheld by Hon. Allen Treadway, Republican (Mass) who pronounced Harry "a Christian gentleman."

It was said Harry's grandfather was a body servant of Gen. Washington.

• •

Another fellow who lives off the fat of the land is the girdle manufacturer.—Awgwan.

We always called a spade a spade until we hit our foot with one the other day.
Sundial.

Kissing a girl because she lets you is like scratching a place that doesn't itch.—Jester.

ENCOURAGING PROGRESS MADE

New York's 1939 World's Fair Begins To Take Definite Shape

The New York World Fair is scheduled to open April 30, 1939, about 20 months hence. This seems a long time but none too much for the gigantic building job that faces the promoters. The claim is made that this show will be the greatest and best ever held. The first structure to be erected, the \$900,000 Administration Building is reported as being two thirds completed. The 1276 acre site at Flushing Bay, Long Island already shows results of grading, excavating, etc. It has reached a point where tree planting can be done. Eight nations have officially announced participation in the fair. They are Great Britain, France, Russia, Italy, Finland, Rumania, Guatemala, and Dominican Republic. Westinghouse Electric is the first company to make space reservation 10,299 square feet in the proposed electrical building at a cost of \$152,908. Eight other great companies have contracted for sites upon which they will erect their own buildings. These companies and the size of their space in square feet are:

- Bell Telephone System 139,066.
- Consolidated Edison 71,183.
- Johns Manville 29,317.
- Radio Corp. 81,699.
- General Electric 68,339.
- American Gas Association 122,008.
- Y. M. C. A. 23,545.

Metropolitan Life Insurance has contracted for 4018 square feet in the hall of Business Administration.

Officials claim that \$21,000,000 in commitments have been made for the 4% debentures, leaving only \$7,000,000 yet to be made.

DOUBLE-BARRELED SHOT GUNS

The double-barreled shot gun is said to have been designed by Guillano Bossi, a Roman. From the brief description of his accomplishment, it would appear that it would be a drug on the market today. Instead of two barrels being side by side, one was above the other. The guns of our boyhood were some better, even though you did have to open a small tin box and put a small percussion cap on the tube with cold fingers.

In this connection, it is interesting to recall that Hieronymus Mueller, founder of this business, was a gun smith. When he first came to Decatur he made a number

CHEERFULNESS

You will find yourself refreshed by the presence of cheerful people. Why not make earnest effort to confer that pleasure on others? You will find half the battle is gained if you never allow yourself to say anything gloomy.—L. M. Child.

of shot guns of the old style hammer and trigger type. Some of these examples of his mechanical skill are still in possession of old time sportsmen or in the hands of their descendants as keepsakes.

ANIMALS IN THE NEWS

Driving up to a Cincinnati filling station, Tom Dohan asked the loan of a baited mouse trap. Request granted, Tom placed it on the floor alongside his foot. A click and a squeak, and Tom displayed a squirming mouse, saying, "That darn thing has been trying to crawl up my leg for the last fifteen minutes."

Mrs. C. A. Jensen, Mackay, Idaho, has a cat, Archibald, which had an unusual playmate, Timothy, a mouse. Timothy died. Three mice have since been secured to take the place of Timothy—Archibald liked them. They are all in his stomach.

It was a frisky and busy bolt of lightning that tore the wall paper from Mrs. George Pettigrew's parlor, Newlon, N. H., then jumped to the barn and knocked a hub cap, which she was painting, from her hand. Then it scooted across the street and wrecked a mirror in Calvin Cole's house.

A school to teach dogs to read, do sums in arithmetic, and talk is the ambitious project of Miss L. Lind-af-Hageby, according to a London dispatch. The lady gets her inspiration from Baroness Mathilde Von Freytag-Loringhaven, whose little red dachshund has talked since he was six years old, and reads German. He speaks by barks, that is, one bark signifies "a", two barks "b", etc. A book has been written about this canine. But what do books prove?

Tippy, the pet dog of Mrs. Fritz Haber, 4007 Stuart Street, Denver, Colorado, says the Rocky Mountain News in an illustrated article, suffered a broken back in an auto-

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Always Something New

A new transparent umbrella makes for safety.

A wash cloth of paper is treated with soap and is particularly useful in traveling. Recommended for the bath, dishes or windows. Can be dried out and rinsed.

A new method of coiling the filament is said to add ten per cent more efficiency to incandescent lamps.

Electric power for portable machines and lights for garden or lawn is now available through a weather-proof plug in outlet. A flick of the finger raises the cover.

Work gloves with a synthetic rubber coating are not affected by oils and greases. They afford a good grip, are warm in winter and cool in summer.

Envelopes follow each other in a long string through a typewriter when held by a new paper harness. The harness holds by its method of folding and is easily discarded when the envelopes are stuffed.

A motorized scooter is having great sales interest in New York and other eastern cities. Equipped with a one cylinder motor, one clutch, and one brake. It attains a speed of 25 miles an hour, travels 125 miles on a gallon of gasoline and retails for \$99.75.

This time it is legal execution, in Idaho, according to Warden William Gess. Condemned criminals hang themselves. When they step on to the gallows trap, their own weight springs the trap. Sort of enforced suicide.

(Continued from Page 26)

mobile crash. His mistress did not send him to the pound to be killed, but like any humanitarian, she first called a veterinarian to learn what could be done to save Tippy. The "vet" placed Tippy in a plaster cast, and his mistress got the injured animal a little four wheeled dog cart. Tippy's back legs are kept clear of the ground and his spine gets full length support. But his front legs are left in contact with the ground for locomotion purposes. He goes to a lot of places and has this constant companion, Elmer, the hitch-hiker, who doesn't like walking. Elmer is a tame rooster.

Carl Spitz, German trainer, owns the Hollywood dog training school. He trained Buck, the St. Bernard which starred in "The Call of the Wild," also the Cocker Spaniel, Flush, which pulled down \$500 per week in "Barretts of Wimpole Street." Spitz learned dog training in Germany.

When the case of John P. Hallfelder charged with harboring four dogs whose constant barking disturbed a neighborhood, came before Judge George Page, the jurist filed an affidavit of prejudice against himself, saying, "I'll admit being prejudiced. There is a situation like this in my neighborhood."

Clarence Hudgins, Rome, Georgia, was convicted of burning a dog to death by pouring kerosene on the animal, which a fourteen year old boy lighted. Judge Claude H. Porter gave Huggins twelve months on the chain gang, and turned the boy over the Juvenile Court. "Oh, wise and upright judge!"

A dog is just a dog if you don't like the canine tribe, but if you do he is more than a dog—he is your staunch friend, play-fellow, and defender. Vienna is said to be the greatest dog city in the world. Everybody has one. A recent dog show there was held in the city's largest display building and was nearly inadequate to accommodate the crowd and the dogs, which represented everything from a tiny creature which could be carried in one's pocket to powerful animals big as a calf. And there were all kinds of dogs and all kinds of people in attendance.

Truthful

Guest:—"I don't often eat such a dinner as I've had today".

Small Son:—"We don't either".

Could Not Think

She: "If wishes came true, what would you wish for?"

He: "Gosh, I'm afraid to tell you.

She: "Go ahead, you sap, what do you think I brought up this wishing business for?"

Love is the only game that isn't postponed because of darkness—Punch Bowl.

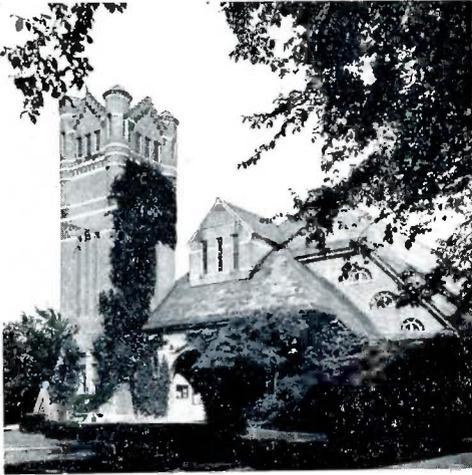
You can lead a fraternity man to water, but why disappoint him?—Old Line.

The height of hard luck is to have seasickness and lockjaw at the same time—Pup.

Meddle not with what you do not understand.

COMBINED CONVENTIONS

Held by Two Important Associations of
Pennsylvania at State College



A combined meeting of the Pennsylvania Sewage Works Association and the Pennsylvania Water Works Association was held at the Pennsylvania State College. It was the Eleventh Annual Conference of the first named, and the Tenth Annual Conference and Special Anniversary of the last named.

The Sewage Works Association met on June 21, 22, and 23 and the Water Works met on June 23, 24, and 25. The business sessions were held in the armory, and there were 222 in attendance.

June 21—Formal Display of Gadgets, in charge of Bernard S. Bush, Assistant Engineer, Pennsylvania Department of Health, Wilkes Barre, Pa.

"Things the Operator Should Know," Lewis V. Carpenter, Professor of Sanitary Engineering, New York University.

Tuesday—Address of Welcome, J. O. Keller, Assistant to President, Pennsylvania State College.

"Starting and Operating the Coatesville, Pa., Sewage Treatment Works, William C. Emigh.

Discussion opened by F. E. Daniels, Chief Chemist, Pennsylvania Department of Health, Harrisburg, Pa.

"Effect of Industrial Waste on Sewage Treatment Plant Operation," John C. Geyer, Washington, D. C.

Discussion opened by L. L. Hedgepeth, Philadelphia.

"Sewage Works Clinic," conducted by H. M. Freeburn, Philadelphia.

"Sewage," Prof. R. O'Donnell, Pennsylvania State College.

"Sewer Maintenance," Grant M. Olewiler, Lower Merion Township, Pa.

"How to Measure Sewage Flows," E. M. Jones, Philadelphia.

"Sewage Siphons," L. L. Langford, New York City.

"Operation of the Lancaster, Pa., Plants," Gordon J. Weist, Lancaster.

"What I Do at Dover Delaware," Harry Hancock.

"Usefulness of Laboratory Results," Wm. A. Ryan, Rochester, N. Y.

Dinner (The Nittany Lion).

Leader: H. E. Moses, Asst. Chief Engineer, Pennsylvania Dept. of Health, Harrisburg, Pa.

Speaker: Hon. Ellwood J. Turner, Vice-Chairman, Interstate Commission on the Delaware River Basin.

"Activated Carbon—Its Place in Sewage Treatment," Robt. W. Haywood, Jr.

Discussion opened by: Eugene B. Swinehart, Pottstown, Pa.

"Bio-Flocculation of Sewage," H. Heukelekian, New Brunswick, N. J.

Discussion opened by C. H. Young, Meadville, Pa.

"Aspects of Sewage Chlorination in 1937," L. H. Enslow, New York City.

Discussion opened by Harold S. Hutton, Newark, N. J.

Waterworks

Address of Welcome, J. O. Keller, Asst. to President, Pennsylvania State College.

Special Lecture and Demonstration on "Filter Operation," John R. Baylis, Chicago, Illinois.

Discussion by W. H. Weir, Atlanta, Ga.

"Results Accomplished by Our Chlorinator Operators' School at Scranton," Geo. R. Taylor, Scranton, Pa.

Discussion opened by J. C. DeGroot, Northampton, Pa.

Problem: "How Important Do You Consider the Excess Chlorine Test to Be," Geo. R. Taylor, Leader.

Problem: "Do You Follow the New Standard Methods in Your Bacteriological Procedures?"

"The Corrosive Action of Various Types of Water on Household Plumbing," Charles P. Hoover, Columbus, O.

Discussion opened by E. S. Hopkins, Baltimore, and Paul S. Armstrong, Easton, Pa.

"Operating Results of Robert B. Morse (All Steel) Filter Plant at Burnt Mills, Md.," Carl H. Hechmer, Hyattsville, Md.

Discussion opened by E. S. Hopkins.

"Organizing for Profit," Harry E. Jordan, Secretary, A. W. W. A., New York City.

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CIGARETTE AND GAS MAIN

Combine to Make an Unusual and Spectacular Fire

A cigarette and a leaking gas main tangled and circled to the left making a spectacular but not a destructive fire, the Decatur Review tells about it:

GAS MAIN BREAK PLUS CIGARET EQUALS BLAZE

Gas escaping from a broken main and possibly ignited by a carelessly tossed cigaret caused a spectacular but not destructive fire last night in front of the R. O. Conklin home at the south end of Powers Lane. One three-foot flame was flanked by smaller spurts of flame covering an area about 15 feet in diameter.

Gas service men of the Illinois-Iowa Power company theorized that the trouble was started when an automobile backed into the ditch alongside the road and broke off a drip stem and shattered the main. Residents of the area recalled that they had detected the odor of gas but could not determine the source. It is believed that a motorist tossed a cigaret near the leak to touch off the gas. e

Gas News

Reports from dealers in gas heaters show that sales for 1937 already exceed those of 1936. Automatic heaters continue to have preference to those with manual control representing nearly 70% of the sales.

Harry E. Thompson, Gas Production Engineer, formerly with the General Gas Light Company and A. G. A. Testing Laboratory, has been appointed Sales Engineer for the Delco Frigidaire Conditioning Division of General Motors Corporation, Dayton, Ohio.

The Kansas City Gas Company recently conducted an Old Range Contest, offering a modern range as first prize. Won by Mrs. Lizzie Lemmon of Kansas City whose range was 60 years old and still giving good service. In 60 years she spent \$5.50 for repairs.

They tell a pitiful story of Sally Brown whose good name was ruined. She married a fellow named Schlemplewitz.—Crowler.

Still Dirty

"I want a divorce, Judge, because my husband always makes me wash his back every Saturday night."

"You can't get a divorce for that."

"The heck I can't! Last Saturday night it was already clean."

PEOPLE CONTROL CONGRESS

How and why does our Constitution limit the powers of Congress?

In most countries, the form of government is established by the government and is alterable by the government. The law-making branch has supreme power not only to make laws but also to change the form of government. The only guard against despotism is in periodic elections.

In our country, "we the people," through our Constitution, establish our form of government and make it alterable, not by the government but only by the people. Our



Congress has power to pass only such laws as specified in our Constitution and no power whatever to change our Constitution—our form of government.

In addition to these safeguards, Article I of our Constitution specifies that Congressmen shall be elected every two years and Senators every six years.

We guard against a legislative despotism by limiting the powers of Congress, by specifying the terms of its members and by making our Constitution paramount to the government itself. These specifications can be and have been changed (amended), not by Congress but only by the people.

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TEA DRINKERS

It is generally believed that the English are the greatest tea drinkers. Wrong again, Annabell. The Australians carry off the flag. The annual tea consumption in England is given at 9 pounds per capita, while in Austria it is ???????. In Canada it is 4 pounds, while American's don't show for place, the annual amount consumed being only 0.7.

If you want to recall things, tie a string around your finger; if you want to forget things, tie a rope around your neck.

—Sundial.

NOT A HAPPY LOT

Meter Readers Have Many Troubles Satisfying Customers

The meter readers lot is not a happy one. He is about as popular as the smallpox and is looked upon by most householders with suspicion and distrust. Be that as it may, the occupation is one fruitful in lessons of diplomacy. Any well seasoned meter reader should be able to qualify as Envoy Extraordinary and Minister Plenipotentiary to the Court of St. James. Regardless of the fact that he knows full well of the misesteem in which he is generally held, he must be a diplomat, pacifying suspicious patrons while dodging unkind and sarcastic flings about the service and the size of the bills, whether they be for gas, water, or electricity. In Public Service Magazine one of these meter readers tells something of his calling, and what he is up against.

He Knows

"I know," says he, "the names of my customers, where they live, how many children they have, the dog's name, and disposition, know whether the people are honest, if the Mrs. is a good housekeeper, if the family pay their bills, if they are sick and what their ailment is, if the kids fail in their studies, if the old man loses his job even before the neighbors learn of it, if the old man gets a raise, and if the old lady is a good cook.

Food for the Dogs

"I have been bitten by every known breed of dogs from a Pekinese to a Great Dane. The dog's owner is always sympathetic and never knew Roscoe "to behave so badly," but I was never bitten by a lady, although I've been painfully stung by her shafts of sarcasm, such as, My, the company must be making a lot of money. It's a wonder they would not reduce the rate, but when I ask the amount of the previous month's bill, she can't tell me. Naturally light bills fluctuate with the seasons.

"One Mrs. let out an awful howl because the bill jumped 30 per cent while she was home visiting Mama. Hubby told her he was in bed at 9 every night. In truth and fact, hubby staged a poker game three times a week. I knew this but couldn't tell her. I took the rap.

General Repair Work

"Most of my customers think I am an Edison or a Steinmetz. I fix everything from electric toys to electric irons, refrigerators, washing machines, and what not.

"Some of the questions asked:

"How much is my bill this month?"

"Do you get a commission on my bill?"

"The meter must be wrong. My next door neighbor's bill is only one half what mine is.' The reason is the questioner lives in a twelve room house, has four children, and three servants. Next door neighbor has no children, no servants, and lives in a five room bungalow.

"Are you tracking mud down my clean cellar stairs?"

Continuing in a more serious vein, this meter reader expresses some excellent thoughts as follows:

Why Oh Why

"I have been reading meters and meeting the public for a good many years, but still I cannot comprehend some of the viewpoints I encounter among my customers.

"Why is it that the butcher's scales are never questioned, but the electric meter is always fast?"

"Why is every other business man entitled to make a profit on his operations, but the utility man is frequently classed with Jesse James?"

"Why is a chain store just a chain store, but the electric company a Power Trust?"

"Why do my customers uncomplainingly pay three times its worth for a useless knicknack and then roar at 9 cents a day for electric service?"

"Why, when other concerns advertise themselves it is considered good business; but when my company prints an institutional advertisement, it's propaganda.

"I don't know all the answers, but I do know this: My company is a good deal like any other business in our town, except that it is more important than most of them. Our company is made up of money and men, like all businesses. The money comes from everywhere, banks, insurance policies, trust funds, out of the pockets of hard-working people who have managed to save a little, and from the treasured hoard behind the clock in the living room, not to mention the original savings bank, Mrs. John Public's sock. With this money has been purchased machinery and wires, poles and transformers—and meters, don't forget them—to produce and distribute what the company has to sell. That is the money part.

"As to the men, I guess I'm an average example. From the boss down to the porter who sweeps out the office, we are just ordinary human beings, no better and no worse than most humans. We all have our jobs to do. I have to read meters correctly so that the customer will pay for what he gets and no more. The operators have to keep the system running so that no one will be without light and power. The boss has to see that collections are kept up so the rest

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AUTO LINE



Reason Why

Mose: "How fas' can you all go in dat new car?"

Rastus: "Ah could make two miles a minute 'ceptin' foh one thing."

Mose: "Whut's dat, boy?"

Rastus: "Ony jes' cause de distance is too long foh de shortness of de time."

More Truth Than Poetry

Motorist: "Say, you must think you own this street."

Pedestrian: "I probably have made more payments on the street than you have on your car," shouted back the pedestrian.

What's the Use?

Cop: "Didn't ya hear me yell for you to stop?"

Lady Driver: "No, sir."

Cop: "Didn't ya hear me whistle?"

Lady Driver: "No, sir."

Cop—"Didn't ya see me signal?"

Lady Driver: "No, officer."

Cop: "Well, I guess I might as well go on home. I don't seem to be doing much good around here."

The Way Out

A woman driver ran into an embankment and bent a fender. It worried her. So she went into a garage and asked the mechanic:

"Can you fix this fender so my husband won't know it was bent?"

The mechanic looked at the fender and then at her.

"No, lady, I can't. But I tell you what I can do. I can fix it up so that in a few days you can ask your husband how HE bent it!"

Worse and More of It

A man pinned under his car after an accident was being questioned by a policeman. "Married?"

"No," said the man, "this is the worst fix I was ever in."

Would Fool Any One

"I turned the way I signaled," said the lady, indignantly, after the crash.

"I know it," retorted the man, "That's what fooled me."

Times Change

"I tell you, times have changed."

"You said it! It used to be that when a person was run down he took a tonic. Now he takes an ambulance."

Sure Way to Hospital

"I hear that Jim wrecked his roadster while driving with Marie the other night. How did it happen?"

"Too much play at the wheel."

Punch Game

"There's old Mrs. Gotmuch who has a new chauffeur and is his face red."

"How come?"

"She pinches it every time she gets in and out of the car."

As Usual

Cop: "How did this accident happen?"

Motorist: "Hic—I saw two bridges—hic—and ran over the wrong one."

Earning the Money

"It's scandalous to charge us \$10 for towing the car only three or four miles," protested the motorist's wife.

"Never mind, dear," replied Hubby. "He's earning it; I've got my brakes on."

At Last

An ancient car chugged painfully up to the gate of the fair. The gate-keeper, demanding the usual fee for automobiles, called out:

"A dollar for the car!"

The owner looked up with a pathetic smile of relief and said:

"Sold!"

By studying the past we can get a pretty accurate idea of the future.

Beware of the nam who promises more than you have a right to expect.

When in a fix sweating will get you farther than swearing.

The years have taught some sweet, some bitter lessons — none wiser than this: to spend all things else, but of old friends to be most miserly. Lowell

(Continued from Page 30)

of us can be paid, and that the people who have put up the money to build the plant and distribution system get a fair return on their investment.

"That's our company. And that's all the rest of them as far as I've been able to learn. I don't take any stock in all the power trust attacks I see in the papers, particularly when Congress is in session.

"One of my company's aims is to make money for its stockholders. That is my aim in working for the company, to make money. One of our aldermen, who says some pretty unkind things about us from time to time, is in the real estate mortgage business when he isn't running his ward, and I have always assumed that his idea in being in that business was to make money, too. I never held it against him.

Profit Not Sinful

"I wish I might convince all my customers that it is not a sin to make a profit on the sale of a legitimate service. Our service is cheaper than most anything else the customer buys and none of our security holders make more than about 4 or 5 per cent on their investment. That doesn't strike me as unreasonable.

"I think some day we will all wake up and realize that the electric companies have been doing a pretty fine job, reducing rates wherever possible and not exploiting their customers — at the same time paying taxes at the rate of 15c for every dollar we take in. When that happens my life will be a lot more pleasant than it is now.

"I expect, however, the dogs will still bite me. After all, frequently a dog cannot recognize the truth when it is presented to him. Human beings can — sometimes."

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(Continued from Page 28)

Discussion of purposes of this and other water works association and tenth anniversary. "The Perfect Water Works," a public relations summary, Carl Kear, Minersville, Pa.

Discussion opened by W. L. Eisert, Lemoyne, Pa.

Problem: "What Effect Is Air-Conditioning Having on Your Supply?"

"Mixing and Conditioning, Essentials in Floc Formation," L. L. Hedgepeth and J. B. Baty, Philadelphia.

Discussion opened by G. Webber Knight, Natrona, Pa.

One of the enjoyable features was a combination golf tourney and fishing party. There was an excellent interest in the papers read and the discussions.



IT'S THE WEDGING MECHANISM!

AN EXCLUSIVE FEATURE OF MUELLER COLUMBIAN GATE VALVES

Wedging pressure is applied at Four Points around the outer edge of the discs, equalizing distribution of seating pressure, eliminating sprung discs and leakage. Before discs are lifted, they are gently drawn away from the seat by horizontal action, preventing scraping against the seat, assuring long durability and lower maintenance.



Inside Screw Inside Screw Angle Gate Valves O. S. & Y.

MUELLER CO.
Los Angeles, Calif. Sarnia, Ont. Chattanooga, Tenn. Decatur, Ill.

MUELLER COLUMBIAN

CHATTANOOGA, TENNESSEE

HEAD



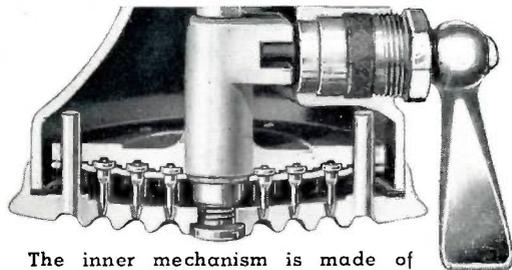
AND SHOULDERS

Above

ALL OTHERS —

A SHOWER HEAD
that **CLEANS** itself

You can recommend this Mueller Self-Cleaning Shower Head and know the user will have no periodical bother of removing and cleaning and that it will never become clogged or sputter. A mere rotation of the handle not only regulates the volume but it also induces movement of the tapered pins through the holes in the face of the head, punching out all lime, alkali, and corrosion. A clean, free, unbroken stream, regulated to the user's desire is a certainty.



The inner mechanism is made of bronze and stainless steel which resists rust and corrosion.

MUELLER SHOWER FIXTURES

DECATUR

ILLINOIS

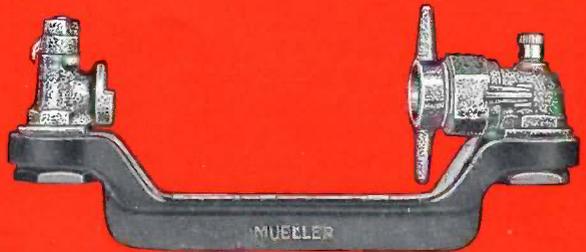
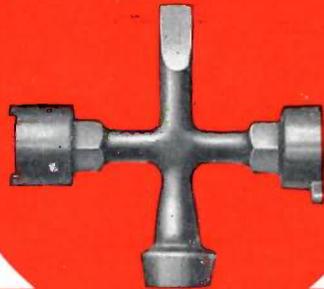
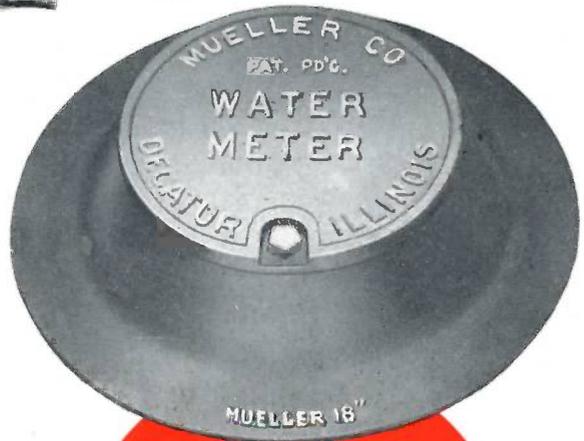
MUELLER POINTS

WITH PRIDE TO THESE
DEPENDABLE AND
PRACTICAL
PRODUCTS



Mueller Meter Box Covers are designed to give maximum strength with minimum weight. Sloping sides distribute stresses and prevent breakage even under the heaviest loads. All Mueller Covers have a special worm type lock and key. As the key is turned, the worm forces the lid upwards, powerfully enough to overcome any resistance and in closing, pulls the lid solidly against the cover, preventing entrance of dirt or cold air.

Mueller Meter Yokes hold piping rigidly at all times as the meter is clamped in place by an expansion fitting built in the yoke. The meter is held by the yoke and is not subjected to strains from the piping, thus avoiding leaky joints. There is a small test valve on the outlet side for determining if the meter is registering. A complete line of styles and types are available for different kinds of installations.



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