

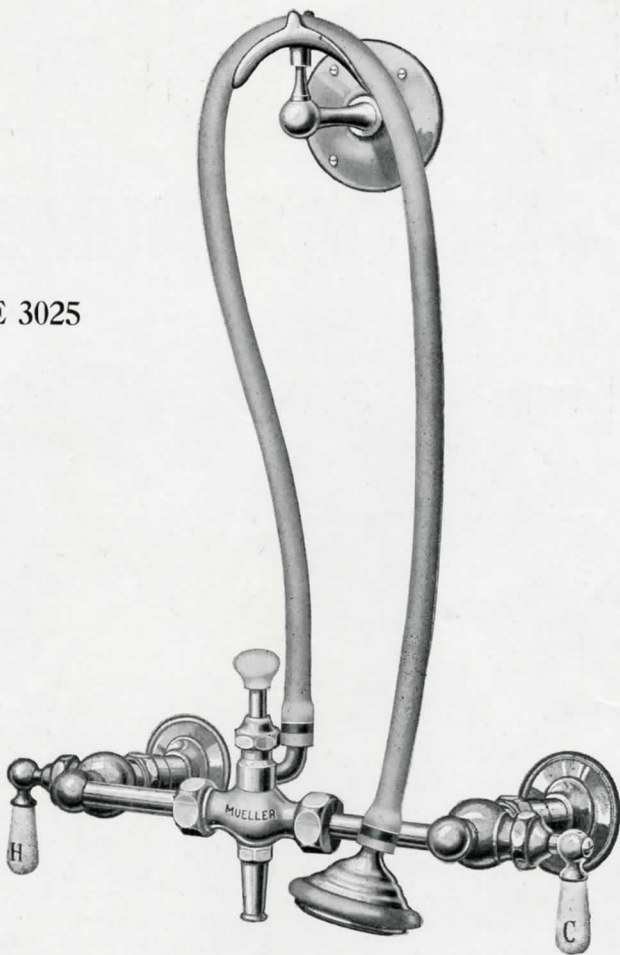
THE MUELLER RECORD VISITOR'S NUMBER



April 1921

No Kitchen Is Complete Without This Combination

E 3025



Makes dishwashing easy—Cleans vegetables, pots, pans, and is altogether the handiest and most convenient attachment ever devised for a sink.

PLUMBERS SELL

MUELLER SINK COMBINATIONS

Without effort—you don't have to push them—just show them—they sell themselves.

H. Mueller Mfg. Company

DECATUR, ILLINOIS
New York San Francisco Sarnia, Ont. Port Huron, Mich.

THE MUELLER RECORD

VOL. IX.

APRIL, 1921

NO. 120

The factory of the Mueller Mfg. Co., at Decatur, Illinois, has become a Mecca for visitors. Brass casting, brass machining, etc., are always attractive. The gold-like color of the metal as it drops from the machines and the bright shining finished article never fails to excite admiration.

Among recent groups to visit this big plant, covering about four and one-half city blocks, were two delegations from the Engineering classes of the University of Illinois, accompanied by their instructors. These parties, numbering about 100, were divided into groups of ten and under the guidance of factory officials were given a trip through all departments of the factory. They were deeply interested, especially with the well equipped laboratory where various tests are made to be sure that the Mueller product is kept up to its established high standard. The visitors were served lunch at the noon hour in the company's club house.

Big Business Men

On April 14 the company had as guests members of the Decatur Chamber of Commerce and prominent business and professional men. The company spent the afternoon going over the plant with their guests and at 5:00 o'clock assembled in the club house, where a fine banquet was served, followed by a smoker and a pleasant social hour.

Perhaps no more interested group of men ever visited the plant. Their expressions of surprise and admiration indicated the deep interest they felt. They all knew that Decatur was the home of a great industry whose goods are known the world over for their mechanical precision and high quality, but few of them realized the extent of this enterprise which flourished in their midst and furnished daily employment to nearly one thousand of their fellow citizens.

Efficiency Demonstrated

Dr. Holden, President of James Millikin University, was among the guests and in an informal talk said that while he thought efficiency, taught it, and believed in it, he could not recall a better demonstration of it than he had seen on the trip through the factory.

One point which appealed to all the visitors was the neat, tidy appearance of each department.

There were numerous appreciative talks

by the visitors on the work that is being done in Decatur, Port Huron and Sarnia.

In explaining the object of the gathering, Mr. Adolph said:

"When a business is launched in Decatur or an old firm makes a big improvement, or changes location, the public is invited to attend an opening, and everybody enjoys the occasion.

Get-Acquainted Meeting.

"While this is not exactly an opening, we feel that it would be a good thing all around if the public became better acquainted with our plant. Therefore, we have decided that we are going to have as many people as possible visit our factory and see what we are doing.

"We have found that the people of Decatur know in a general way that we make brass goods, but they do not know what kind of brass goods, or how we make them. At different times we expect to invite clubs representing the business men, Association of Commerce, City Club, Rotary Club, Kiwanis, Mothers Club, Y. M. C. A., Home Bureau and many similar organizations to pay us a visit and see for themselves what our factory is making and how we make it.

"Very few of us here in Decatur, or even those of us present, think of the detail of material required when making repairs or building a new home. They leave the details to someone else. This is particularly true of plumbing supplies. Through this failure to give heed to these details, very few have ever thought far enough to specify the use of Mueller goods in their homes or buildings.

Mueller Goods in Decatur.

"We are quite sure were these people familiar with our line and appreciated the advantage of a factory of this kind in a community such as Decatur, they would be more than glad to see that these goods are specified. I have found that even in cases where our goods have been specified in homes built by those directly connected with us, that there were occasions when other goods were substituted. Although we have given the local trade more favorable prices than we make the trade outside of the city, we do not get all of the business, because our competitors are extremely jealous and they consider it an excellent sales argument to sell their goods here in Decatur. Salesmen taking these orders in Decatur for goods such as we make, and as they make, use the incident effectively elsewhere by showing other prospective customers the orders and explaining that they got

Association of Commerce at Mueller Factory



the order in direct competition with the Muellers in the Mueller's home town.

What Figures Show

"Last year our sales in Decatur amounted to approximately \$32,012.52. That sounds like a fairly good business, but it represents only about 7 days of our pay roll, which is about \$4,560.00 per day, or a yearly pay roll of \$1,368,709.65. Our gross sales for last year approximated \$4,331,237.32, which makes the sales in Decatur only seven-tenths of one percent of the gross sales.

"Another interesting fact is that the purchases of our goods in Decatur is equal to only 19½ per cent of our purchases made in Decatur for use in our factory.

"I am not citing these facts boastfully, but am giving them as facts only, because it seems to me that as business men and residents of Decatur, you will be interested in them.

People Are Right

"People quote me as being optimistic. They are right about that. I believe that business is resuming old-time proportions, and that it is gradually coming back to normal conditions. Horace Greely one time said, when we were having trouble with specie payments, that 'the only way to resume specie payments, was to resume.' That is the way I think about business; the way to resume is to resume. I may be mistaken in my prophecy, but I believe that within three or four months we will be back to a normal basis. I am sure that if every man in this room becomes thoroughly imbued with enthusiasm and optimism that we will get back to normal conditions quicker than if we are indifferent or pessimistic."

Mr. Robert Mueller made a brief address, giving some statistical information as to the amount of money the company spent in Decatur for supplies, compared to the amount of goods we sell. Mr. Philip Muel-

ler gave some interesting facts concerning the mechanical side of the business.

Attorney A. G. Webber closed the meeting with a beautiful speech in which he paid a high tribute to the Mueller family and what its members have accomplished.



GILLEBRAND PICTURES SHOWN IN CLUB ROOM

Much favorable comment was occasioned by the exhibition of two of Clifford Gillebrand's landscape pastels in the Mueller Club Room recently.

The beautiful woodland scenes are not copies but were done in soft crayon from memory by Mr. Gillebrand in 1912.

We would suggest that he exhibit a large collection of his work in the near future.



THE OFFICIAL PESSIMIST

The official pessimist of a Western city, who had wrestled with chronic dyspepsia for years, stood in front of the postoffice as the noon whistles sounded.

"Twelve o'clock, eh?" he said, half to himself and half to an acquaintance. "Well, I'm going home to dinner. If dinner ain't ready, I'm going to raise hell; and if it is ready, I ain't going to eat a bite!"



A FELLOW FEELING

Judge—"You are accused of speeding. What have you to say in your defense?"

Dr. Dale—"I heard of a house to rent and was trying to get there first."

Judge—"The case is dismissed."—Adapted.



If the ewentieth amendment is to be "thou shalt go to church," and the twenty-first, "thou shalt not use tobacco," then let's work to make the twenty-second, "thou shalt not poke thy nose into thy neighbor's business."

Mueller Baseball Team for 1921



Left to right, seated: W. Kinder, J. Porter, M. Kinder, G. White, M. Yonker. Standing: G. Flickenstein, E. Stille, E. Overbaugh, Mgr., Crossman, M. Hobbs, Mascot Julius

The Mueller baseball team for 1921 is already in action. There are twelve men on the team and they have been carefully selected from the baseball talent in various Departments, and it is believed that the selection will result in a strong nine of which all the baseball fans in the organization will be proud.

Ed Overbaugh, of the Electrical Department, is manager and he is giving all his time and energy outside his duties to getting the team in shape for a long line of contests during the summer.

We present above the picture of nine men, with their names and positions and in addition to these, there are three players who do not appear in this picture. They are Smith, pitcher; Ropp, catcher; and March, left-fielder.

The team has already played eight games, losing two. The last defeat was Sunday, May 1, when Blue Mound took their measure by a score of 3 to 0. Yonkers pitched a good game, and held the Blue Mounders to four hits. The Blue Mound team is said to be one of the best amateur clubs in this part of the country.

We are members of the Commercial League, which includes the following teams:

Decatur Brass Works, Illinois Traction, Illinois Central, Pennsylvania R. R., Decatur Bridge Works, Wabash Shops, and Leader Iron Works.

The first league game will be played on May 11, with the Decatur Bridge Works at Torrence Park.

We ought to get up enthusiasm enough to represent the factory by a big crowd. We should like to see a good baseball spirit this year. Nothing helps a team win like the knowledge of the fact that they have a bunch of boosters back of them.

In mentioning the illustration at the top of this page, we over-looked the important fact that the lad in uniform, sitting in the front, is the official team mascot, otherwise known as "Julius the Wop."



MAKING IT FORCEFUL

He was a young lawyer who had just started practicing in a small town and hung his sign outside his office door. It read: "A. Swindler." A stranger who called to consult him saw the sign and said: "My goodness, man, look at that sign! Don't you see how it reads? Put in your first name—Alexander, Ambrose, or whatever it is."

"Oh, yes, I know," said the lawyer resignedly, "but I don't exactly like to do it."

"Why not?" asked the client. "It looks mighty bad as it is. What is your first name?"

"Adam."

Rotarians Guests of Our Factory

In the course of many years we have witnessed various groups of interested people going through the Mueller factory. Quite recently this number has been greatly increased and the groups have been larger, coming mostly from organized clubs, civic bodies and the business population of Decatur.

Of all the groups that we have had with us, there has been none quite like the Rotarians, who visited the factory by special invitation on April 22nd. The chief aim in life of the Rotarian is to let the rest of the world know that he is on earth, and that he has selected as his abiding place the most attractive and best located city in the world. Naturally it is an easy task for a Decatur Rotarian to fulfill all the qualifications necessary to make him a thirty-three degree member.

When you get about one hundred men of this type together in one room, or in one party, it does not require any great elasticity of imagination to figure out what they do. The Rotarians in this bunch did not lag in their efforts to let all Muellerites know that they were on the job; that they were tickled to death to have the opportunity, and that they were going away dyed-in-the-wool boosters for the Mueller organization and the Mueller products.

Upon their arrival at the factory at 3:00 p. m., the party was subdivided into groups and under the direction of experienced guides, were given a one and a half hours trip through the various departments of the big factory. As the factory now covers about four and a half city blocks, it kept even as lively a bunch as Rotarians on the hop to make the schedule.

To the credit of the Rotarians it may be said that when they reached the final point of interest—the dining room—at the Mueller Club, not a man was reported missing.

From 5:30 till 6 o'clock this bunch of good fellows and successful business men were deeply interested in brief explanations of the goods made in the Mueller factory at Decatur, and the wonderful specimens of brass forgings being made in the Port Huron factory.

They were formally welcomed by Mr. Adolph Mueller, and after that Robert, Philip and Oscar Mueller presented different lines of goods manufactured by us. Then the company lined up and passed by the kitchen window and got their dinners cafeteria style. Mrs. Walker and her assistants in the kitchen certainly out-did themselves in the preparation of this meal, which was one of the best ever served in

the Club House. Mrs. Adolph Mueller and Mrs. Robert Mueller came over at the dinner hour and assisted in directing affairs in the kitchen. The handling of this meal for one hundred guests, or more, was quite a problem, but the work was done expeditiously and efficiently.

Cigars followed the feast and the Rotarians facing the speakers table, listened to an additional word of welcome from Mr. Adolph Mueller. It was very brief and cordial. He explained that the purpose of the invitation to the Rotarians was to get better acquainted with them and have them get better acquainted with the Mueller industry and those associated with it. He concluded by saying that the company had nothing further to do and would turn the meeting over to the Rotarians to continue or adjourn as they saw fit. Mr. Fred Kelly, President of the Rotarians, on behalf of the visitors explained his appreciation of the cordial reception and fine treatment accorded the Club, and then called on various members for addresses. It became evident very speedily that the Rotarians were in no hurry to adjourn. Fifteen or more members made short talks. The tenor of all the speeches was one of amazement at the wonderful factory which has grown up in Decatur, and of which they had been familiar by name for many years, but they all confessed that they did not know anything of the detail and had no conception of the magnitude of the Mueller plant and business.

Sherman McClelland, the incoming president of the Rotarians, perhaps best voiced the prevailing thought in the few remarks that he made. He said he had grown from boyhood to middle age in Decatur. He knew the Mueller factory when it consisted of a very small frame gun shop, operated by Mr. Hieronymus Mueller, with perhaps one man or a boy working for him. He knew every step of progress and every move that the company has made up to the time when they had a small factory on East Main street, when they were Master Plumbers, and at the same time operated a sporting goods store. He remembered when they disposed of all these interests and concentrated on the present manufacturing enterprise. He heard in his daily life of the Mueller Manufacturing Company and what it meant to Decatur. He associated with the company members; had driven by the plant frequently, but after a trip from one end of the factory to the other, and witnessing the large crowd of

(Continued on page 14)

Tuesdays and Thursdays



Mr. Philip Mueller is fond of fishing. He does not deny it. In fact, he boasts about it. Fishing is his regular summer sport, and Tuesdays and Thursdays are his stated periods for piscatorial relaxation. He has to stand a good deal of kidding and occasionally sarcasm. Cartoonist Plate prefers to kid him.



PROMISES TO PAY

"How kind of you," said Margie, "to bring me these lovely flowers. They are so beautiful and fresh. I think there is some dew on them yet."

"Yes," said the young man, in great embarrassment, "there is, but I am going to pay it off tomorrow."

DEATH OF PETER FORD

Had Reached the Unusual Age of 92 Years

We all regretted the news of the death of Peter Ford, father of Charlie and Billy Ford, although he had attained the unusual age of 92 years.

His death occurred on Wednesday, March 23, at the family residence, 961 West William street, after an illness of several months.

The Decatur Review, commenting upon his death, published the following:

"In September he was quite ill, but was recovering when his wife, who had been his constant companion for sixty-three years, died. He missed her presence in the home and his grief soon told on his health, and every day he longed to be at rest. Since early February his decline had been rapid.

Native of Ireland

Mr. Ford was born February 14, 1829, near French Park, County Roscommon, Ireland, on the maternal side coming from one of the oldest of Irish families, the O'Beirnes. He was next to the youngest of a family of twelve and is the last of his race. He received what education was afforded at the time, but realized that his country held but few opportunities for a young man, so in 1850 came to America, first to Canada. He stayed there but a short time before coming to the United States and in 1855 came to central Illinois. Since then he had lived part of the time on his farm near Maroa. He came to Decatur in 1905.

Eight Children Survive

"He was married on July 4, 1857, to Margaret Burden, whose death occurred last October. Ten children were born to this union, eight of whom are living. They are: John P., of Pomona, Cal., W. B., of Birmingham, Ala., Charles T. of Washington, D. C., Frank P. of St. Louis, Sister Irene of the Ursuline order, Oak Park, Ill., and Kate B., Ann and Jeanette of Decatur.

Mr. and Mrs. Ford observed their sixtieth wedding anniversary on July 4, 1917. There was no special celebration, however, as their children were in scattered localities.

Was Railroader

"For a number of years Mr. Ford followed the railroad business. He was roadmaster on the Vandalia for fifteen years, but always was most interested in farming and had continued to farm his Maroa place since living in Decatur, going out on the interurban every week until last fall.

Had Lincoln on His Hand Car

"Mr. Ford had the honor once of having

(Continued on page 8)

Locker Used by Girls



Here is a picture of a girl employe putting away her wraps in her locker. It is steel and has an individual lock, and has a mirror. Not only the girls but all male employes are provided with these lockers.



GIRLS PLAY BASEBALL

The girls have started in to play baseball. Miss Curan and Miss Johnson of the Y. W. C. A. are assisting in the coaching.

The east side girls are considering organizing a team to play the girls west of Monroe street. Some lively times are in prospect, if they really get down to good practice. Well, girls, will you have a game ready in time for the picnic in August.



HOW DO THEY UNTANGLE

Bobby was taken to a "movie" show one evening and on the screen was shown a lion about to devour a minister. "Pop," the little fellow asked, "do lions go to heaven?"

"Why, of course not, son."

"Well, do ministers?"

"Of course they do. Why do you ask?"

"Cause, supposin' the lion eats the minister, how do they untangle things?"



TOO OFTEN TRUE

"Bill's going to sue the company for damages."

"Why, what did they do to him?"

"They blew the quittin' whistle when he was carryin' a 'eavy piece of iron, and he dropped it on 'is foot."



We read that a hen has adopted a litter of pigs. A possible explanation of this is the natural intimacy between ham and eggs.

ODD NEWS ITEMS

The population of China is so great that if the Chinese people were to file one by one past a given point, the procession would never come to an end. Before the last man of those living today had gone by, another generation would have grown up.

Kings used to creep on the floor in England on Good Friday to a crucifix, the ceremony being intended to show the humility of the sovereign. The queens would always follow the kings, also creeping along the carpet on all fours. Then the king and queen would proceed to a chapel and once more both would creep on their hands and knees to the altar and the cross.

Housekeepers have always been very proud of their linens. In old homes, rooms were set apart for the clothes presses, where the supply of clean sheets, table cloths, napkins and so forth were folded and laid away with pieces of sweet smelling lavender between the folds. The whole room had an odor of lavender and soon came to be referred to as the "lavendry" which in later years became changed to "laundry."

Cold and hunger are causing an average of 15 suicides daily in the city of Budapest, according to an official statement by the police of that city. A recent suicide was a former army officer who brought home a scant supply of wood and provisions, kissed his wife and three children and then took poison.



MAKE THE FIRM SUCCESSFUL

If you're working for a firm, work to beat the band.

Make the firm successful!

Just act as though the whole blamed thing was resting in your hand.

Make the firm successful!

Remember, work can harm you not,

So be a Johnny-on-the-spot,

And let your every act and thought

Make the firm successful!

Just use your brain and plan to have each bit of work you do

Make the firm successful!

Remember, you yourself will be a huge success if you

Make the firm successful!

If you can't work the proper way

Resign at once—this very day.

And thus unwittingly you may

Make the firm successful!

—The Gimlet



"Mother, was your name Pullman before you married daddie?" asked little Frances.

"No, dear," replied her mother, "what made you think so?"

"Well, I just wondered. I see that name on most of our towels."

A Progressive Master Plumber



Back row, left to right:—R. Sheehan, George Rogers, R. Smith, Paul Meyers; middle row—E. M. Printy, W. Schunan, C. W. Douglas, F. Fulmer; bottom row:—E. C. Sabin, E. W. Kortcamp, W. Delaney.

Among the recent visitors to the Mueller factory there was one of notable importance to the plumbing trade as being indicative of the possibilities attainable through progressive methods. This was the visit of Mr. C. D. Brownell of the Reliable Plumbing & Heating Company, Champaign, Ill., who came to Decatur at the head of his journeymen plumbers, about ten in all. He brought them for the express purpose of having them make a careful inspection of the Mueller factory and Mueller methods. He wanted the men to see for themselves how plumbing goods are made, rightly believing that with this information, they would be better and more intelligent workmen.

Mr. Brownell was shown every courtesy and his party was given all the time they desired for making a careful tour of the factory.

Lunch and Short Talks

At the noon hour they were the guests of the Mueller Company at lunch, and following the splendid meal there were a few informal talks. Mr. Adolph Mueller and Mr. Robert Mueller, as representatives of the company, expressed their high appreciation of the visit, and complimented Mr. Brownell on his wisdom in taking his journeymen plumbers into his confidence, and working with them instead of having them merely work for him.

Mr. Brownell, in a plain, straightforward talk, explained that they were not only going through the Mueller factory, but that they would visit factories in St. Louis and Chicago, and other points where lines of goods handled by the Reliable Plumbing & Heating Company are manufactured.

A Good Investment

He explained that he considered this a good investment. He said that he wanted his men to understand the detail and difficulty of manufacturing the goods with which they worked. He felt confident that



MR. C. D. BROWNELL

in these visits the men would acquire an insight into the manufacturing difficulties which would make them more reasonable, more patient, and better equipped to handle the various lines and to overlook some occasional shortcoming which it is almost impossible to eliminate from a line of great variety.

Up-to-date Plan

Furthermore, he explained to the Mueller Company and the heads of departments present, the way in which he conducted his business. Every week or so, the journeymen and everybody connected with his company meet for a little interchange of ideas. He considered this a means of adding more interest to the business. His journeyman plumber when out on a job, considered himself a salesman for the company and goes beyond the mere duty for which he is called, making suggestions to the housewife of the advisability of permitting him to look over the plumbing in question and see if there is any little attention needed, and bring to her notice new things which the Reliable Company has to offer. Mr. Brownell has a systematized shop and when he got through speaking in his modest way of some of the things he was doing, a suc-

cessful master plumber present remarked to him, "You are just about five years ahead of the game."

Another one present answered, "I'll tell the trade it is a good time to catch up."

FRED GUYANT HERE

Fred Guyant has been in the city several days. He formerly worked in the stationery department. He is now a traveling salesman selling Electric Washing Machines, covering Indiana, Illinois and Michigan. Next fall he expects to take a southwestern territory. Fred drove over from Indianapolis with his wife and children. He did not say how many children, but there must have been a lot because he drives a big touring car.

KNOW HIS OWN VALUE

Bushby was sorely in needs of an extra farm hand and advertised.

"What'll ye pay?" questioned an early applicant.

"I'll pay what you are worth," promptly replied Bushby.

The applicant meditated for a minute, then, turning on his heel, decisively announced:

"I'll be durned if I'll work for that."—The Aluminum Reflector.

ALL SIGNS ARE HOPEFUL

Reasonable Concessions on All Sides Means Good Business

The outlook in the plumbing field is not discouraging and we are hopeful of a good business during the year. The conditions up to the present time have been reasonably satisfactory. Quite naturally the volume will depend to a large extent on the amount of building done in this country this year but there are already signs of satisfactory adjustments, which would seem to indicate a willingness to make concessions and adjustments in harmony with present conditions.

As manufacturers of plumbing goods we have already made marked concessions in prices in order to stimulate buying and to show our willingness to do our share in influencing a return to lower price levels.

Master plumbers likewise have and are showing a disposition to make concessions in price.

Material men and dealers in material, as a rule, are facing the condition with a spirit of willingness to take lower prices in order to revive building, which we all know has been held in abeyance by high costs.

With reasonable concessions from all elements entering into building construction, we can see no reason why there should not be a wide-spread activity in this line.

SOUNDS FOOLISH

The following telegram was received by the Sales Department a few days ago:

"Honey Hugging hugging financial fiction ferine doomed dowlas drunken grudge."

Sounds foolish, does it not? When it was deciphered, however, it read into a nice order. It's a part of the Mueller code, and is used by our customers when they want to send a long telegram in a few words. Each word stands for a sentence or some particular article.

LIVE BUNCH OF PLUMBERS

Among visitors to the factory was a party of Springfield Master Plumbers, on April 6. They were here attending a meeting and Jimmy Judge got hold of them and piloted them to the factory for lunch with the firm and heads of departments.

After lunch they made a trip through the factory. Springfield Master Plumbers are a good looking bunch of business men and we were pleased to have them with us.

The company included Messrs. Harry Heron, C. H. Willev, Matt Noonan, D. M. Stewart, William Baker, James F. Murphy, Charles Kibele, D. E. Greig, John Riefler, Martin Schuster.

DEATH OF PETER FORD

(Continued from page 5)

Abraham Lincoln as a passenger on his private car, which happened to be a hand car. It was at the time he was track foreman on the Illinois Central at Clinton.

"Daniel H. Elwood, father of Frank Elwood, was a roadmaster at that time. He asked Mr. Ford to have his car at the station at a certain time as he would have a passenger for him. The passenger was Mr. Lincoln who was then the attorney for the Illinois Central. He wanted to see a piece of property involved in a suit for damages against the railroad property.

"When Mr. Lincoln was seen approaching the station, the roadmaster remarked: 'He can't ride on a hand car. His legs are too long.'

"It was really true. The only way Mr. Lincoln could be taken on the car was to stand up. He and the roadmaster together stood up with their arms about each other. Necessarily the car had to run slower than usual. The destination was reached in safety, however.

"Later when Mr. Ford was attending the trial, he was surprised to know that Mr. Lincoln remembered him and spoke to him by name."

Merle Cobb went over to Springfield Tuesday, May 3, to attend a meeting for the discussion of taxes.

A Second Group of U. of I. Students



SECOND GROUP U. OF I. STUDENTS

In our last issue we gave a detailed account of the visit of the Students in Engineering from the University of Illinois. Two weeks later, on April 6, the Students in Chemical Engineering visited the Mueller Factory. There were about seventy students in this party, half of whom were at the Mueller plant in the morning and the other half at Staleys. The groups changed at noon.

The arrangements for this party were the same as those made for the other students. They regarded themselves as well treated here and enjoyed the visit. In this case, also, there were students from all over the United States and from foreign countries.

It is a pleasure to show such intelligent and courteous young men the operation of the plant.



A BATH IN EVERY HOME

The Trade Extension Bureau has inaugurated a campaign for "A Bath in Every Home" and "A Bath Day." It's a good movement and will be pushed vigorously.

The Decatur plumbers manifest their progressiveness by joining in the movement. They are carrying page advertisements in the local papers and urging Decatur people to install bath tubs. The time is not far distant when every home built will have a bath tub.



She: "What would you call a man who hid behind a woman's skirts?"

He: "A magician."—Banter.

BILL AND JOHN

Two men whom we shall call Bill Brown and John Smith had long worked at neighboring benches in Department 18. It seems that John often borrowed from Bill a screw-driver or wrench. On one occasion recently, he had had Bill's screw-driver for several days. Bill got it and put it back in his own bench.

The next day he said, "Well, John, I would like to have that screw-driver."

"I am awfully sorry, Bill, but someone stole it and I can't give it back to you."

"Well, don't you think you ought to pay for it?"

"Well, sure, here's your quarter."

Bill took the quarter, bought a screw-driver and in the presence of the Department presented it to John with his compliments.



DEPARTMENT HEADS ATTEND CONVENTION

John Shelton of the Production Control Department, C. W. Hathaway, Chief Draftsman, C. F. Roarick, Superintendent of Brass Shops, and Preston Rauthrauff, of the Cost Department, attended the convention for Industrial Engineers, held in April, in Milwaukee.

An interesting program covering a wide range of important subjects was presented.

Delegates will visit various large industries in Milwaukee and Chicago. We hope to have a more detailed report in the next issue of the Record.

Billy Mason's New Toy



There are some interesting pieces of equipment in Department 57. The latest addition is a coal loading outfit that will fill one of the big trucks in three minutes. It lifts coal and dirt and other materials at the rate of 2,500 pounds a minute.

This device is built by Barber, Green & Co., of Aurora, Illinois, has 25 horse-power motor, tractor drive, and weighs 7,500 pounds. Two men usually operate it, although one man can do it.



ABOUT RECORD ITEMS

Every month we receive for publication items for the Mueller Record which we are compelled to pass up because they come to us without signature of the author.

If you have any news for the Record, send it in, but put your name to the contribution. Persons who have had experience with various publications are fully aware of the great possibility of unpleasant complications from the insertion of apparently innocent items, and the universal rule is, that before printing news of any character in a publication of any kind, the writer must give his name as a reference. This does not mean that the name will be published or anyone will be told who the author is. It is just a little necessary safeguard which must be observed.

OSCAR IS APPRECIATIVE

Under date of March 28 Oscar writes to us as follows:

Upon my return to Port Huron I was indeed pleased and gratified to find at my home a nice, large bunch of American Beauty roses from the Foremen's Club of the Sarnia Company, and on coming out to the factory Friday I found my entire office decorated with flowers from the Foremen's Club of the Decatur Company and the Foremen's Club of the Port Huron Company.

I cannot begin to express the satisfaction and pleasure which all of this caused me, recognizing that this comes voluntarily from the boys, a great many of whom I personally worked with, and to be remembered in this way on one's fiftieth birthday has made me quite sentimental, indeed.

I want to thank all of the boys of the Decatur Foremen's Club through you, and have you convey to them my appreciation and my hope that my next fifty years on this earth will be the cause of additional flowers from all of them.

Very truly yours,

Oscar.



DEATH OF MRS. LANGDON

At the home of her father, L. H. Griffith, in Danville, Ill., April 21, Mrs. E. H. Langdon passed away. Mr. Langdon had been at her bedside for several days before the end came. The funeral was at Danville.

Mrs. Langdon has never been in very good health and had recently been confined to her bed for several weeks. She was quite well known to some of the Mueller employes and all those who knew her speak of her in the highest terms. She was a woman of high ideals and fine character and her death brings deep sorrow to those privileged to know her intimately and calls forth sincere sympathy for her husband.



WHAT IS THE ANSWER

A boy had two dollars in his pocket and saw a pup that he wanted to buy.

The owner wanted three dollars for the pup.

The boy went to a pawn-broker's office and pawned the two dollars for \$1.50 cash and a pawn ticket. He sold the pawn ticket to his school teacher for \$1.50 and with the three dollars he bought the pup.

Who lost by the transaction, and how much?



SIMPLIFIED SPELLING

If you and I and ewe and eye
And yew and aye (dear me!)
Were all to be spelled u and i,
How mixed up we would be.

EMPLOYEES' AID SOCIETY

Lends the Company Another \$1,000—Membership Growing.

The Employees' Aid Society loaned the company another \$1,000 at seven per cent interest on April 7, 1921. These loans will bring the society an income of \$140 a year. If we can continue to build up on income-producing surplus the society may be able to reduce dues or increase benefits. Its purpose is to serve its members.

Membership Report

Miss Bass has made a careful count of the members and finds that 736 employees, or 93 per cent of the entire force, belong to the Aid Society. Forty per cent are still in Class A. Three out of five members have taken advantage in higher classes. The published list of benefits paid shows that they are finding it an excellent investment. Several who postponed taking protection now regret it. If you are considering it, do not delay, but sign up at the Employment Office at noon or after work.

Below are the figures:

Class	Benefits per day	Dues per month	Number Members
A	\$.83	\$.35	295
B	1.00	.40	72
C	1.50	.60	94
D	2.00	.80	168
E	2.50	1.00	75
F	3.00	1.20	32
Total,			736

The treasurer has been placed under adequate bond as provided by the revised constitution.

The plan of our E. A. S. is receiving the careful consideration of the societies at Port Huron and Sarnia. The advantage of our classified benefits appeals to them. These organizations, handle considerable money from the purchase and sale of canteen supplies. They also have charge of the factory cafeterias. In this way they render an important service. But the total of sick and accident benefits paid does not run to such figures as we have in Decatur.

Benefits Paid Between March 26 and April 28, 1921

M. Hopper	4.00
Frank Royse	1.00
Ed Overbaugh	10.50
J. W. Craig	35.20
George LaBrash	15.00
Paul Gaddis	18.00
W. E. Davis	12.00
Olan F. Henry	17.52
Mrs. E. Dragoo	17.52
Joe Grossman	15.00
Mrs. Goldie Cathcart	3.32
Lillie Vandeventer	2.00

Marie Blackburn	1.66
Don Rogers	3.00
LeRoy Adams	8.30
Evelyn Brown	8.50
Harry Glenn	4.15
Arthur Tauber	1.66
Gaston Dixon	.46
Mrs. Ella Rost	26.60
Leona Koontz	5.87
Dewey Conner	3.72
Jack Harris	15.00
William Dannewitz	45.20
Isaac Davis	12.00
C. K. Blowers	2.50
Ernest Tedford	10.00
Fred Kemmerly	41.20
Albert May	51.50
Herschel Majors	2.00
William Seeforth	2.50
Joseph Sanderson	11.00

\$392.02

Financial Statement

March 26, 1921—April 28, 1921

Balance on hand March 26.....\$1,532.26

Receipts

April dues.....\$436.80
Company's contribution..... 50.00
Old check not paid..... 2.13 488.93

\$2,021.19

Payments

Loan to Company April 7 \$1,000.00
Recording fee 1.00
Cost of treasurer's bond.... 6.25
Benefits, per list below.... 392.02 1,399.27

Balance on hand April 28, 1921....\$ 621.92
Loans 2,000.00

Total Resources\$2,621.92



IN THE EAST

Mr. and Mrs. Adolph Mueller left Sunday night, April 24, for a trip east. They went first to Atlantic City, where Mr. Mueller attended the annual convention of the Association of Commerce. After several days at this beautiful sea-side resort, Mr. Mueller went to the New York office for a few days visit, and expects to be home early in May.



THE TOP OF THE TREE

If I were a cobbler, I'd make it my pride
The best of all cobblers to be.
If I were a tinker, no tinker beside
Should mend an old kettle like me.
But whether a tinker or whether a lord,
Whatever my station may be,
Determined to play second fiddle to none,
I'll climb to the top of the tree.



A MATTER OF FORM

Gunman (to bank cashier): "Hand up!"
Cashier: "Can anybody identify you?"

Miss Blondella Clover and Pupils



Among visiting parties to the Mueller factory was that composed of the pupils of Miss Blondella Clover's school at Bement. Miss Clover was formerly in our accounting department. The boys and girls had a fine day and learned a lot about brass molding, casting, machine work, laboratory work, etc. Two members of the class have written their version of the trip in the following articles.

My Trip to Decatur

The Mueller Brass Factory, which we visited, is the largest of its kind in the world. The brass goods made here contain about eighty-five percent copper. Good brass should always have a large amount of copper in it, and on account of this it has a reddish color. The other materials making up the composition of brass are tin, lead, and zinc. This factory gets its tin from Singapore and its lead and zinc from Missouri.

Before any article can be made there must be an accurate plan made of it. One of these drawings may be worth many dollars, and it takes an expert draftsman in the Engineering Department a day or more to draw one plan. After the drawing is made as many blue-prints as desired can be taken from it. The measurements in such a plan have to be as near as one-thousandth of an inch.

The holes and cavities manufactured are made by sand cores inserted in the molds. These are made of sand moistened with glucose, into the desired shape. Some of the cores are made by hand, but a machine is also used for this purpose. The core boxes are very expensive, as they have to be made absolutely perfect. After the cores are molded, they are baked and inspected to see if they are all right.

The foundry is where the main molds are made, and the metal run into them. The

molders sand is sifted, moistened, and packed tightly in flat boxes. The top is leveled off and an imprint is made in the sand with a pattern. Two of these layers are made exactly alike, and then laid, one on top of the other, with a sand core in between. The hot metal is then poured in through a hole in the end and allowed to cool a short time. The metal articles are lifted out and plunged into cold water. The black molders sand may be used many times, but the sand used in making the cores must be knocked out and thrown away.

After the articles are cooled, they are inspected to see if there are any broken places in them. Then they are taken to the Grinding Room, where all the rough edges are ground off. After this the articles are taken to the Finishing Department where some of them are nickel plated and polished. The factory uses about one barrel of the polishing soap in one day.

The power to run all this machinery is generated at the Mueller power plant. The electricity is very expensive and a great deal is used. A whole room is devoted to the power machinery. The old wheels used to be connected to the dynamo by belts, but the new ones are connected directly with the dynamo and although they are smaller than the others, they are much more powerful. The smoke stack in this building is about one hundred seventy-five feet high.

The amount of money involved in this factory is very great. One man has nothing else to do but buy the different materials the factory needs. This Purchasing Agent buys more than four thousand different kinds of articles. There is a special department for receiving the goods bought by the Purchasing Agent. Here all the materials are distributed to the places where they are needed. There is another room near here where the tools that are not need-

ed at the time they are made, are stored. This is called the Tool Storage Department and at present it contains about half a million dollars worth of equipment.

The Assembly Department is where the different parts of the plumbing fixtures are put together. Sometimes several different kinds of articles can be made from the same kinds of parts by putting them together differently.

The Laboratory is where the composition of the different grades of metals is determined. Here, also, samples of the finished product are tested to see if they come up to the specifications. The high grade brass is supposed to have eighty-five or six per cent copper in it, but they are allowed to have it two percent either way. Usually, however, they can make it almost exactly right. The samples they use here weigh one gram and the scales with which they weigh the different materials used in it register to the fourth decimal place of a gram.

The Office Department has charge of the bookkeeping, printing, advertising, correspondence, and there is also a cashier and paymaster. This factory has trade extending all over the United States and Canada. They have a sales ledger for each state. There is a small printing press in this room where some of the printing for advertising, etc., is done. This Company advertises in magazines that women read. They used to advertise in the Literary Digest. The cashier and the paymaster have charge of the money and they have to pay the employees.

This factory has, at present, about eight hundred employees. They provide means of recreation and entertainment to them. On rainy noons, they have moving pictures and sometimes have band concerts furnished by the Mueller band. When the weather is good, the employees spend their noons out-of-doors playing volley ball, baseball, or other games.

This factory was founded by Mr. Hieronymus Mueller. It has gradually increased in size from a small shop until it now covers four blocks—Lucile McPherson.

A Visit to the H. Mueller Manufacturing Company

Brass contains copper, tin, lead and zinc. The best grade of brass is the one that contains the most copper. Mueller brass contains eighty-five percent copper. The H. Mueller Manufacturing Company gets its copper from Michigan, its lead and zinc from Missouri, and its tin from Singapore, in Asia.

Mr. Hieronymus Mueller first started in business in Decatur in a little shop behind the Millikin National Bank. He was

hired to tap the water mains in Decatur. Every time a main was tapped the city water had to be shut off. One time, when Mr. Mueller was tapping a water main, someone turned the water on. He was compelled to stand in water up to his neck. This started him thinking of some way to tap a water main without shutting the water off. After many days and nights of thinking he invented a tapping device and put it on the market. He then started up a plant and manufactured other articles along the same line. The business grew and it was necessary to build additions until now the Mueller plant covers over four blocks and employs over eight hundred people.

There are two ways in which the goods are brought up before the buying public. First by advertising in magazines and newspapers; second, by traveling salesmen.

The H. Mueller Manufacturing Company has a purchasing agent and a receiving department. All the purchased articles are taken in at the receiving department. From here they are sent to the different parts of the factory.

In making brass articles, the first thing to do is to make the molds. These are made out of sand compacted in iron boxes by a machine. If cores are needed they are then put in. Some molds are made by hand and some by machinery. The cores are baked in ovens and are thus made very hard. They are inspected and if they are not perfect, they are made so by covering up the holes with graphite. In another building the metal is heated to a white heat in large furnaces. It is carried in buckets by two men and poured into the moulds and left to cool. The molds are then shaped off and the article is inspected. It is taken and polished by means of emery wheels. All pieces go to the Assembly Department, where they are put together. Each faucet is tested at a pressure of two hundred pounds.

The H. Mueller Manufacturing Company has expert draftsmen who make exact blueprints of their products. They have a new laboratory, where all the material is analyzed. Manufacturers used to guess at the composition of materials, but now everything is analyzed and they know just what it's composition is. They have a Tool Storage Room, in which there are at least one-half million dollars worth of tools. They have also a new power plant with a high smoke stack.

There are a large number of people working in the office. It is divided into several departments, advertising, sales, letter files, employment, purchasing, paymaster, and cashier.

At various places in the factory bulletin boards are to be seen. On these are posted all the important notices. Each department

has an organized fire department. Every employe wears a badge with his clock number on it. Every department has an automatic clock, which records the time each employe enters and leaves—Carleton Smith, Age 13.



Rotarians Guests of Our Factory

(Continued from page 4)

employes producing goods by the thousands of pieces, he was compelled to throw up his hands and admit that he had just learned the real truth about the Muellers.

The speaking was interspersed by spontaneous singing by the irrepressible Rotarians, who broke out every chance they got between speeches.

The evening ended with a rising vote of thanks to the company for the instructive trip and the entertainment.



FOREMANSHIP

Class Now Being Formed by Mueller Organization

In line with the progressive movements of the time, the H. Mueller Mfg. Co., has for some time been studying the question of training foremen. They have decided to use the course issued by the Young Men's Christian Association.

The course provides for sixteen meetings, and includes the following divisions:

1. Foreman and His Job.
2. Materials and Their Handling.
3. Machinery and Equipment.
4. Organization and Management.

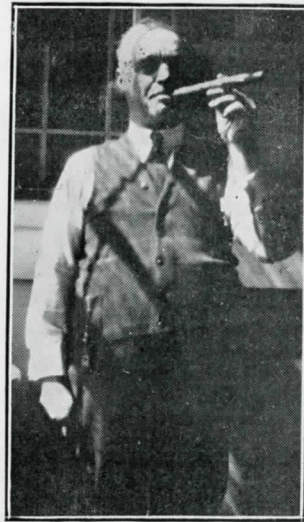
The course will be in charge of Mr. L. H. Burleigh, Betterment Supervisor. He will be assisted by Mr. H. B. May, Industrial Engineer, and Mr. C. S. Winegardner, General Superintendent.

The meetings will be held after work. A dinner will be provided by the company, after which the class will get down to business. Each man will pay \$9.00 for the text books and pamphlets which go with the course. Foremen and Assistant Foremen, who are present at fourteen of the sixteen meetings and make a grade of 65 per cent or better will receive a refund of \$9.00 and will keep the books.

Others who meet these conditions will receive a refund of \$5.00. Thus the company provides the instruction, dinner, and the text books. The men give the time.

The great expansion of industrial organizations during the war has shown that the foreman is the key man in industry. His work is rising to the dignity of a profession. One purpose of this course is to help realize this ideal.

MR. PHILIP IS GIVEN A BIG CIGAR



When F. C. Frees returned to his trade as a cigar-maker recently, after several years of service in the Assembly Department, he gave to Mr. Philip Mueller a great big cigar. In the picture Mr. Philip is biting off the end. When he goes fishing next Tuesday he will take the big cigar instead of a box of Little Roses, and smoke it on the installment plan. Mr. Anton Schuermann is busy on an invention to hold this cigar in place so that Mr. Philip will have both hands free to manage the pole and line.



MUELLERITES AT THE ART INSTITUTE

Through the courtesy of the Decatur Art Institute the evening of Tuesday, April 26 was Mueller night. The Mueller band was present in uniform and rendered a number of excellent selections.

The finest display of oil paintings ever seen in Decatur was on exhibit. This occasion afforded a rare opportunity for art lovers of this vicinity to see some high grade work.

It was unfortunate that a rainy evening cut down the attendance but at that the galleries were well filled with interested visitors.

We were helped in our appreciation of the pictures, their technique and points of merit, by the lucid and interesting explanations of Professor Lahr of the Art Department of the Millikin University.

It is well worth anyone's while to use the opportunities offered by the Decatur Art Institute.



WOMEN IN U. S. BUREAU

More than 4,500 of the 7,000 employes of the United States bureau of engraving and printing are women.

THE FOREMEN'S CLUB

April Meeting Developed Many Points Worthy of Consideration

The Foremen's Club met April 4 with an average attendance—the same foremen and heads of departments who attend regularly being present, with the same foremen and heads of departments who do not attend being absent. The usual fine dinner was served from the club house culinary department.

There were a number of matters affecting the factory and office discussed or disposed of, or referred to committees.

Mr. Adolph told of his visit to New York and his meeting with the Steam Specialty men and with the Regulator men. Most of them knew about our brass goods, but others were surprised to learn of what we are doing. He suggested the possible results from word of mouth advertising, citing an incident which occurred several years ago when he formed an acquaintance at the lunch table in New York.

A Chance Acquaintance

The man with whom he picked up this acquaintance chanced to be a manufacturer of shipping boxes. He had something that we wanted and through that chance acquaintance has since formed a business connection with us, which has brought him thousands of dollars. He said that he had never been more enthused about anything than he was about our Port Huron plant and its possibilities. The fact that we have changed our policy somewhat, and are going to encourage visitors to go through our factory, will afford many an opportunity to spread the glad news of Mueller goods.

Necessity of Inspection

Mr. May spoke about the importance of inspection and the necessity of seeing that goods were properly received. He explained how this eliminated loss, and kept the product working smoothly through the factory. He impressed upon the foremen the fact that in times of keen competition, buyers sought out products which they knew were dependable.

In this connection Mr. Adolph, without giving figures, called attention to the tremendous loss occasioned this company last year through errors. He did not give specific figures, but assured the foremen that the total was startling and that the company was going to re-establish the policy of having all costly mistakes reported to them for investigation.

What Foremen Should Do

Mr. Philip Mueller gave the foremen some good advice. He said it was their duty to make the rounds in their depart-

ments frequently and find out what the men were doing and how they were doing it. He said that foremen should be able at a glance to tell if men were doing their work right or wrong and that if the test box rule is rigidly followed there would be very little loss and few mistakes. He also thought that foremen should study their men and determine from observation the class of work to which they are best adapted.

Railroads Have Defects

Ernie Miller of the Port Huron plant was called on and referring to President Burleigh, said that he did not expect "Fatty Arbuckle" to invite him to speak. Mr. Mueller has traffic conditions to handle in the Port Huron plant and is well versed in railroad practices, having served for some years in railroad work. He said that railroads had defects just the same as manufacturing plants and that there were many things about them that needed correction. He urged the men to exercise the utmost care to prevent errors in the factory, and in shipments, and called attention to the necessity of eliminating the expense incurred by errors in orders in order that such expense may be eliminated as deflation progresses to a normal basis.

Do It Well.

Mr. Robert Mueller spoke along the same lines. He said this company was not only here to make money for itself but to make money for its employees, and that it is a co-operative undertaking in which we should all enlist our best efforts to keep down the errors that cost money. He said that in the shipping errors, it would be far better to take more time and get out one dozen shipments correctly, than to get out three dozen which involved a possibility of an error. Summed up, his view is, that what we do we should do well.

Educational Talks

In closing the meeting Mr. Adolph Mueller suggested the proposed educational talks for the benefit of the foremen. It would include one lecture a week with proper text books and the expense would be very slight to those who cared to take advantage of the offer. The Y. M. C. A. is to introduce some such course, but the company thought it better to handle it as a factory proposition where it can be done as effectively and at the minimum expense to the men who take advantage of the offer.

✦ METERS

There are meters of accent,
There are meters of tone,
But the best way to meet her
Is to meter alone.
There are letters of accent,
There are letters of tone,
But the best way to letter
Is to letter alone.

Why Roy Wood Smiled



He has good reason to be happy, for Paul Verne Wood arrived on April 9. This is the first event of this kind in the Wood family and we don't blame Roy for being pleased about it. Both mother and babe are reported as doing well.

We are wondering why Claude Wood (brother of Roy) blushed so when the boys called him "Uncle Jack." Now we know.

A son was born to Mr. and Mrs. Preston Ruthrauff on April 1. His name is Jack, and he weighs ten pounds.



SAFETY FIRST

George Coles makes the following contribution to the Safety First literature:

He was once using a hammer with a battered head. In striking a heavy blow a steel splinter flew from it and imbedded itself deeply in his arm. Blood poison resulted, and he suffered much pain and was away from his work four weeks.

The recent Safety Bulletins have been posted calling attention to this thing.



AN INSTRUCTIVE LECTURE

At the conclusion of the noon lunch, Monday, May 2, the Mueller employes in goodly number assembled in the club house and listened to an instructive lecture on the eye by R. C. Augustine, the optometrist.

The lecture was illustrated by moving pictures, which were explained by Mr. Augustine. It was entertaining and instructive, and the speaker and pictures had the undivided attention of all those present.

FOUNDRY NOTES

It is reported that Wilbur Trotter would rather carry the shank than a black eye. For further particulars, ask "Long" Green.

J. W. Craig underwent an operation for appendicitis in the Macon County Hospital about April 1. He is making a good recovery.

Molding is one of Earl Gustin's side lines. Among other things, he has built up a good bit of produce business in apples and potatoes.

Roy Whittaker was late the other morning. This is very unusual. Perhaps it is explained by the fact that he was just getting his car limbered up and perhaps the thing balked on the way over.

"Blue" Lusk has built a bannister around his porch. Who is he trying to keep at home?

Roy Whittaker would like to bar Fagan and Poole from buffing wheel quots at noon. Roy throws a ringer once in a while, and these fellows always top it for him.

In his youth, Mr. May once went to a dance. He wished to make conversation with his fair partner, and remarked, "This is a fine floor for dancing, isn't it?" She replied, "Yes, will you please dance on it?"

Among the last group of students from the University of Illinois, was one from India. He had attended the Mission school in Lucknow, where Mr. Langdon used to teach.

On April 7, Frank Grant went to the home of his brother in Sioux City, Iowa. It is reported that he stood the trip well.

Mrs. Walker contributed a proverb which is worth a second reading: "Nothing done willingly is ever a task."

Mr. Clyde Morgan has taken a position as typist in the Upkeep Stock Department.

Mrs. Berna Slater and Miss Eleanor Wolfe have been added to the force in the Record Department. James Humphrey, former clerk in the Record Department, is now clerk in the Brass Finishing Department.



KEEP IT SO

We are pretty well cleaned up around the factory now. Let's keep it that way. Chase the dirt every day and we will be clean.



Marie had most pronounced ideas as to the rights and wrongs of her sex.

"Don't you think a woman should get a man's pay?" she was asked.

After a moment's reflection, Marie replied: "Well, I think she should let him have carfare and lunch money out of it."—Everybody's.

EFFICIENT TOOL STORAGE SYSTEM DEvised BY MUELLER MEN

The visitor to the brass shop sees in the Order Dispatcher's office large double-decked racks with numbered bins, full of machine tools, thousands of them. In value they must approach half a million dollars.

The different types of tools are kept in separate stacks which bear a special number symbol. To this is added the individual bin number which designates a particular tool. Thus, the tool keeper can in a moment find any piece of equipment immediately.

When a production order for the brass division is received by Dispatcher Behrns, he delivers to the tool keeper the part number of the article to be manufactured. He turns to a card index and finds a card bearing this number which gives a list of the tools to be used on that operation. The tool keeper goes back to the stack and gets the proper tools and the "bell-hop" delivers them to the designated machine in the brass shop. All this is done so quickly and easily that the uninitiated do not realize the amount of forethought and system that makes possible accurate and rapid handling of large assortments of specialized tools.

There are men now on the force who can remember the days before this or any system was used. In those good old times each man went to the bin or vault and sorted out the tools he thought he needed. New men had troubles all their own. Confusion and lost time were the regular thing. At length, Mr. Philip Mueller devised a tool storage system which greatly improved the situation and it was put in operation by Mr. Burleigh.

As time passed, various improvements were made until we came to have one of the best systems in industry. It has served as a model for other enterprising manufacturers who recognized its merits as soon as they saw the plan of it.

Roy Campbell, who keeps the tool record cards, counted the number of tool orders issued during the year ending March 31, 1921. The table below shows his figures.

April	1729
May	1450
June	2530
July	3203
August	2345
September	3217
October	3493
November	2573
December	2138
January	3046
February	1987
March	2183
Total	29,894

Estimates of the number of tools on an order vary. Some place it is as high as 12. A more conservative figure is 6. At this rate, the tool keepers issued and returned 179,346 tools last year.

For the past ten years C. R. Murphy has been carrying tools back and forth between storage racks and the shops. He can almost locate or replace them in the dark. His care and watchfulness prevent loss and breakage.

In addition to the tool service described above, which provides for the immediate needs of the shops, there is a reserve tool storage which receives all new tools and issues them to working stock as needed. Minimum supplies have been determined and when reached, orders to the tool making department are issued.

Tool Grinding

In the old days when each man ground his own tools, there was a high loss from spoilage, a waste of time, and much confusion about the grindstones. This was eliminated by the establishment of a tool grinding department. Four expert tool grinders now sharpen the tools for the entire plant, except new tools which are ground in the tool making room.

Many of the tools are small and dimensions must be accurate to very close limits. A grinder must have a good eye, steady nerves, and a deft touch.

Cutting tools are issued in duplicate to machine operators so that failure of one tool will not stop work.

The tool service is another illustration of Mueller enterprise. By its success we all profit. In the smooth operation of its many parts an organization attains efficiency.



YOU CAN BECOME WHAT YOU WANT TO BE

Every man is a power plant possessing inestimable and incalculable possibilities.

Nothing was ever in any man that is not in you; no man ever had more spiritual or mental power than you can attain, or did greater things than you can accomplish.

You can become what you want to be.

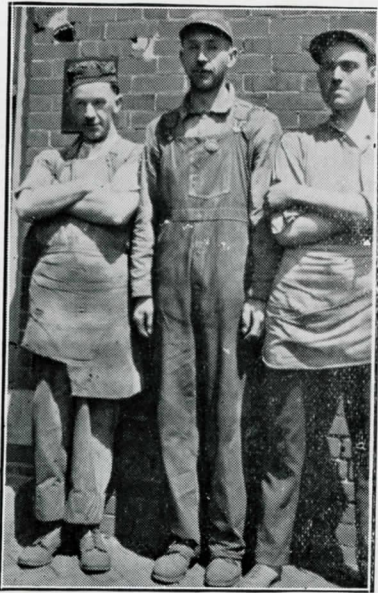
Service is the basis of exchange on which any business, friendship, or organization is builded.

It is absolutely impossible to send out a good thought, much less perform a constructive act that will help the other fellow, and not be compensated for it.

A man must be animated, if he is going to amount to anything. A man's industry must be aroused, if he is to accomplish much.

Work is the solution of most personal problems.—Tom Igo, in Golden Rule Magazine.

THREE GOOD MOLDERS



Curry, Haines and Walker, champion machine molders. Curry, on left, is an expert on basin cocks. On this difficult work he will average 125 molds a day and spoils less than 2 per cent. Haines and Walker for the past six weeks, have kept their losses under 2 per cent and production at 130 molds.

ADOLPH ADVISES BOB COLLINS

Bob Collins, the Minnesota salesman, got enthusiastic about our selling campaign on the sink combination. He wanted to pose in plumbers windows and demonstrate it. Mr. Adolph wrote him the following letter:

"Note your letter of the 12th, above subject. Your suggestion of having advertisement in the movies is a good one. Believe it would result in considerable business. The picture of a sink combination, with demonstrator, working, certainly would make a good show. You state you would like to have your picture in the slide. We would want a better looking object. We would want a nice looking young lady making the demonstration and it would certainly be more appreciated by the lady folks who are supposed to do the kitchen work.

"We like your looks—especially when you are blacked up—you look handsome, but we do not think your picture would help sell sinnk combinations. Have an idea there would be quite a little rivalry between you and Jett, especially when blacked up. In order to test this out we could have a demonstration made before the Salesmen's School of Instruction, when you are here at

the next Salesmen's Meeting. You could go before the public and see who would get the greatest crowd."



MOLDERS DOING GOOD WORK

Break Records on Production and Low Spoilage

When the new men started in the Foundry some months ago, it was natural that they should spoil a good many molds. Some spoiled as many as they made. A system of careful instruction and supervision was installed and they were shown just how to do it.

In the Foundry office very careful records of production were kept and the figures were shown to the men.

At the same time an Inspection Department was organized and all defects were carefully studied and traced to their sources. The problem was solved and the results were shown to the men.

So, in the course of time, by careful instruction, by knowing the facts and figures, and being shown the defects, the percent of spoilage in the Mueller Foundry has at length reached remarkably low figures.

New Records Made

In the old days a loss of five per cent was considered not excessive. In many cases the loss was lower, but as no record was kept, comparison is difficult. When the Foundry Division had their dinner and meeting last October, the spoilage of the Department was about ten per cent. The boys resolved to bring it down. During April the spoilage was two per cent or less. On some days it has been less than one per cent. This means that not more than one mold in fifty was spoiled. The significance of these figures is apparent when one considers how difficult it is to do all the things necessary to get out a perfect mold.

In the Foundry, as in other departments in the Mueller organization, quality is the first consideration. This the molders are now attaining, but without sacrifice of quantity.



PERFECTLY GOOD LITTLE CHILD

Negro Mammy (to her little boy who is sitting just outside the house in the moonlight): "Rastus, what's yo all doin' out dar?"

Little Negro (who turns and looks through the back door of the shack): "T'se looking at da moon."

Negro Mammy: "Yo com' in dis hous' and leave dat moon alone."

Little Negro: "Ah ain't touchin it, ma.—F. George Howell.

BRASS CHIPS

George LaBrash has returned to work after an extended illness.

Mrs. Elizabeth Dragoo of the Core Department fell recently, and as a consequence was out of work for about three weeks.

Zack Harris has been absent for nearly a month on account of sickness.

Albert May is laid up with rheumatism.

William Dannewitz, Sr., is having a rather hard time with rheumatism and pneumonia.

Charles E. Cochran is the new clerk in Department 57. He keeps both the time and the tool records.

Mr. John A. Donovan succeeds Miss Dutch in the Advertising Department. Mr. Donovan is a steno-typist.

Virgil Lee and A. D. Housley have been transferred from the Grinding Room to the Brass Finishing Department.

Frank Orr, of the Assembling Department, fell off the back porch recently, and broke a rib. He is able to get around with the use of a cane, but suffers a great deal of pain.

James Thorp has joined the Employees' Aid Society. Who will be the next?

Mr. O. B. Mueller, of the Mueller Metals Company, was in Decatur three days recently. He was as full of pep as usual, and inoculated the rest of us with his contagious enthusiasm. We don't know what he tells the folks at Port Huron about Decatur, but when he is here we think Port Huron is just about the cheese.

Mr. and Mrs. Gustin and their daughter, Miss Gertrude, attended the funeral of Mrs. Langdon, in Danville, April 22.

Mrs. Ada Yonker and her daughter, Sylvia, have gone to Denver, Colorado. The climate there is expected to improve Miss Yonker's health. She is a sister to William L. Yonker in Department No. 30.

Lowell Burton of Department 20 bought a Ford Speedy Roadster. Some attraction takes him out to Forsyth every Sunday.

Charlie Ford objects to red hose for women, and thinks they prefer white. We would be shocked indeed were Charlie to talk this way if his conversation was about

COST DEPT. GIRLS



Probst Yeck, Chesbro, Emmerson, Gustafson, Samp-
ley. As cheerful as good-looking

what you are thinking of; but it is not. He is talking about the color of the hose on the sink combination.



The little pamphlet covering the constitution and by-laws of the Mueller Aid Society has been distributed and is very complete and helpful in presenting the aims and objects of the society.



A. G. Ridgeway of the Foundry has been temporarily transferred to the Receiving Department. Maynard Kinder is again in the Core Storage Department.



We fear that the romance that is developing in the main office will far outshine the ones in the Employment Department and in Department No. 20. This is an interesting race; just keep an eye on it and see who wins. Better place your money on Margie S. and Ed.



THANKS FOR THE FLOWERS

On the occasion of Mr. Robert's birthday he was remembered by the Foremen's Club sending him a bouquet of beautiful roses.

He was much pleased and wishes to thank the members of the club for the gift.



AN ACKNOWLEDGEMENT

With a gratitude that I cannot express, I wish to acknowledge the many expressions of sympathy, the offers of assistance, and the beautiful flowers that have come from my friends here at the time of my great loss and sorrow.

E. H. Langdon.

Flowers, Fountain and Fish



Our shrubbery and flowers again beautify the boulevards about the factory, while the fountain surrounded by petumas is again a favorite beauty spot inside the gate. It adds a touch of color and affords pleasing relief from the surrounding concrete and brick. The picture was taken at noon, with Wm. Doyle, keeper of lawns and shrubbery, watching the fish sporting about in the cool water. Over in a corner a crowd of men are talking about the League of Nations or playing seven-up. Make which ever application pleases you.

THE CHRISTMAS RECORD

The Christmas Record was sent out pretty generally to the trade and quite a few nice letters were received, complimenting the Record. Two of these letters are herewith reproduced:

The Chillicothe Gas, Light & Water Company,
Chillicothe, Ohio.

H. Mueller Mfg. Co.,
Decatur, Illinois.

Gentlemen: Your "Mueller Record" was received this morning and I was exceedingly glad to receive a copy of the most interesting industrial magazine that I have ever had the pleasure of reading, and there are quite a number of these periodicals which I receive.

Your employees are to be congratulated and envied in their position in being identified and connected with such a whole-hearted and whole-souled organization as the Mueller Mfg. Co. must be.

I thank you for your magazines and would deem it an especial favor if you would place my name on your mailing list for the "Mueller Record."

Respectfully yours,
George E. Hurff, Supt.

The Biggs Kurtz Hardware Co.,
Grand Junction, Colorado.

H. Mueller Mfg. Company,
Decatur, Illinois.

Gentlemen: We have received the Muel-

ler Record, your Christmas number, and wish to extend to you our compliments for one of the neatest and most up-to-date little pamphlets that has come under our observation.

Yours very truly,
C. E. Ross.



ED. HANTLE SURPRISES FRIENDS

On a balmy spring day in early April Miss Gladys Grubbs, a Decatur Girl, went to visit her aunt in Charleston, Illinois.

The next day Ed Hantle of Department 57 hied himself to Charleston and the next day, April 12, he and Miss Grubbs were married at the residence of the Rev. Father Connely. This happy event at this time was a surprise to their families and friends. They spent their honeymoon in Charleston and Mattoon.

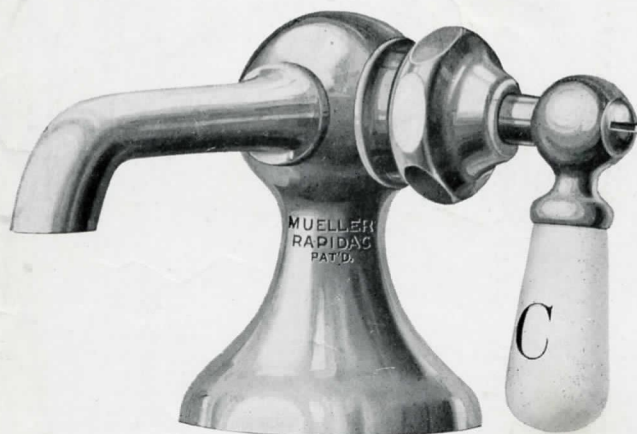
Mr. and Mrs. Hantle will start house-keeping at 1315 N. Walnut Grove Avenue.



Mr. J. L. Tippit of the night shift and Miss Lulu Ruth Neucome of Prairieion township were married in Decatur Sunday, April 24, 1921.

Ivan Lowe of the Polishing Department and Miss Catherine Chepan were married April 14 by Rev. Roy Catlin of the English Lutheran Church. They will reside at 1111 East Orchard street.

Mueller Rapidac Basin Cocks



E 1902

Made in side and top handles and a variety
of patterns

E 1902 is particularly pleasing with its smooth sides
and absence of angles, creases, beads and
other useless dirt catchers

It's Easy to Keep Clean!

That's what people like about it—Of course,
it's all right mechanically because it
bears the name MUELLER

H. Mueller Mfg. Company

DECATUR, ILLINOIS

New York

San Francisco

Sarnia, Ont.

Port Huron, Mich.