VOL. 3 NO. 9

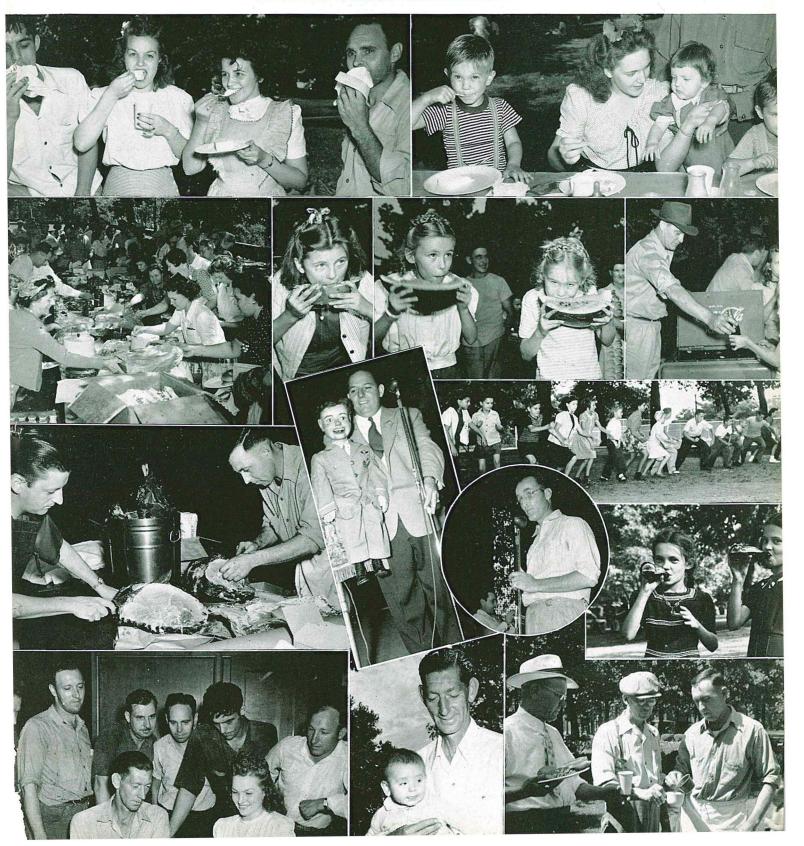


SEPTEMBER 1944

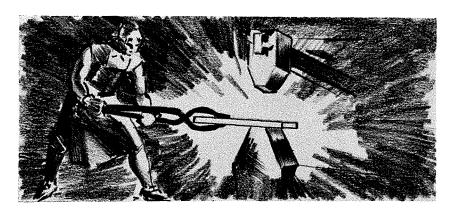
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THE ANNUAL PICNIC

BATTELL PARK AUGUST 20



America's Oldest Iron and Steel Producer Uses Modern Wheelabrator Equipment



turned out shell-body forgings, 4-inch naval-gun rough-machined forgings and steel castings for gun carriages with a standard of performance practically unequalled. Today its entire production is again devoted to a wide range of vitally needed war products—155 mm. shells, manganese steel tank treads and abrasion-resisting machinery parts, railroad trackwork, alnico magnets, and seamless steel gas cylinders.

Seamless Steel Gas Cylinders

The latter specialty product is made at their Easton, Pa., plant, which is equipped with the most modern production facilities. The seamless-steel cylinders for various compressed and liquified gases

N October 1942, the Taylor-Wharton Iron and Steel Co. of High Bridge, New Jersey, celebrated its two hundredth anniversary. As far as is known it is the only producer of iron and steel products in the United States with such a continuous record, though a few other charcoal iron furnaces started a little earlier.

William Allen and Joseph Turner, founders of the small original iron furnace called Union Forge, which through a 200-year romantic history developed into a progressive leader in the metal working industry, would stare in amazement at the modern practices now employed in the production of quality forgings and manganese steel castings.

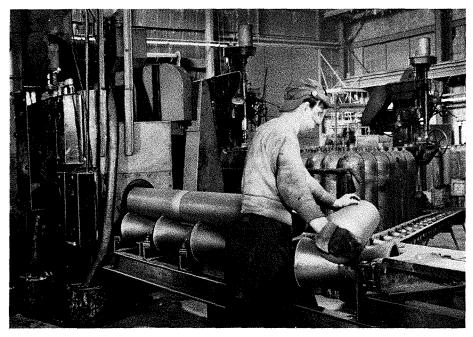
Early Iron Producing Methods

In 1742 iron was produced by what is called the bloomery process. A bloomery was essentially an enlarged blacksmith's forge. After the hearth had been well heated by burning charcoal in it for four or five hours, the fuel bed was heaped against the air-inlet side, with its top surface sloping downward toward the opposite side.

Upon this burning charcoal were spread alternating layers of ore, limestone, flux and fresh charcoal. The air blast was then applied through a tuyere, its source probably being a bellows operated by water power. The charge of iron was slowly worked with a bar so that the air would penetrate all parts of it.

Gradually the ore was reduced to a semimetallic spongy mass of iron which was lifted out and hammered to expel some of the foreign matter. The hammer was a block of iron weighing from 400 to 600 pounds and fastened to one end of a long beam that was supported at its center. The opposite end of the beam engaged cams on the circumference of a revolving wheel driven by water power.

In this manner, the hammer was alternately lifted and allowed to fall by gravity upon an anvil. This device was called a tilt hammer. Usually the partially formed mass was placed in another forge hearth, softened, and hammered a second time.



The product was wrought iron and was generally marketed in the form of long bars or square sections. These were used by local blacksmiths to fashion nails, shoes for draft animals, and parts for wagons and the crude farming implements then available.

Important War Materials Producer

A great impetus was given to the reputation of the firm by the demands of the Revolutionary War for cannon balls and other related materials. Earlier than this, however, the French and Indian War, 1754-1763, placed considerable demands upon the output of the mines and the Union Forge contributed heavily to the needs of the colonists.

Few firms in the country have the distinction of having produced materials or munitions for every war in which the country has been engaged. During World War No. 1, the company, known as Taylor-Wharton Iron & Steel Co., since 1912,

such as hydrogen, oxygen, nitrogen, helium and air are made from steel billets.

Faced with the urgent necessity of installing a cleaning method to keep pace with production, they called in engineers of American Foundry Equipment Co. who, after a thorough survey of the problem, recommended airless Wheelabrator equipment. The Wheelabrator machine built and installed for Taylor-Wharton Iron & Steel Co. consists of a Wheelabrator blast unit mounted overhead in a steel cabinet.

Whereas five or six minutes had previously been required to clean each cylinder in the sand blast room, three of the seamless-steel cylinders can now be cleaned in the Wheelabrator in one minute.

The special Wheelabrator equipment engineered and built by American craftsmen is another example of our contribution in speeding up the delivery of war material to the fighting fronts.

LABOR - MANAGEMENT COMMITTEE PERSONNEL REVISED

The following changes have been approved by Labor and Management and are to be in effect immediately:

The representatives of the Committee, which will meet every 2 weeks, will be:

DICK ROSS—Chief Investigator
RAY STEELE—
Personnel and Records
MEL MORRIS—Chairman
MARGIE KATER—Secretary

Three Labor representatives familiar with shop problems, to serve for terms of 4 months each. At present these labor representatives are:

GEORGE THARP, RAY LEUTHOLD, BOB BUNCH, CLARENCE KELLY.

All suggestions will be checked by the industrial engineer, Dick Ross, who will then make a complete written report of his findings.

After a suggestion has been investigated and a report completed, it will be presented to the Labor-Management Committee for discussion and final approval.

Labor representatives will continue to take an active part in checking suggestions in their respective departments, aided by the advice and experience of their foreman.



VERN SPEARS of the Sales Department celebrated his birthday by receiving as a gift of the department, a cake bearing one lone candle.

THE FAMILY ALBUM



Bert Weesner

Bert Weesner, an AFECO man since July 8, 1928, is a member of our efficient, courteous and friendly guard force. Bert was hired to work in the shipping department, but after two weeks of this he asked to be transferred to maintenance work. His previous years of experience as a carpenter gave him all the qualifications necessary for this job.

Then for many years, Bert fired the boilers, did janitor work and made night watchman rounds seeing to it that there were no intruders and that everything was safe and secure.

These duties he contined to carry on until the guard system was installed about two and a half years ago when he was appointed to the day guard force. Here his long familiarity with the plant and his acquaintance with the workers was a great help in maintaining the security demanded by the Army in all vital war plants, such as AFECO.

Bert's paticular duties on the AFECO Guard Force includes checking trucks unloading at the receiving dock to make sure that no sabotage is attempted, locking all gates other than the main gate before he leaves at 5:00 PM and making a periodic roving check of the entire plant.

Bert's friendly smile and greeting are as familiar to AFECO employees as are the front gate and large maple tree shading it. A director of the Employee Welfare Assn., he is actively interested in the well being of all employees.

He is married and has six children. Five of his grandchildren are scattered over the globe in the armed services of our country. One in India, one in England and three in this country.

Bert's hobby is gardening and this year he planted two victory gardens in addition to raising flowers and tending his extensive and beautiful rock garden in the back yard of his home at 624 E. Mishawaka Ave., Mishawaka.



AFECO CREDIT UNION SHOWS PROFIT AFTER A YEAR'S OPERATION

\$2782.72

American Foundry Equipment Co. Credit Union Financial Statement as of July 31, 1944.

ASSETS

 Cash in Bank
 \$ 832.83

 Savings Account
 558.39

 Loans
 1391.50

NUMBER OF MEMBERS......161

LIABILITIES

Shares	\$2695.99
Reserve Fund	50.68
Current Earnings	
Deficit Dec. 31, 1943	52.37
Expenses 1944	
Profit to Date	36.05
Profit to Date	
	\$2782.72

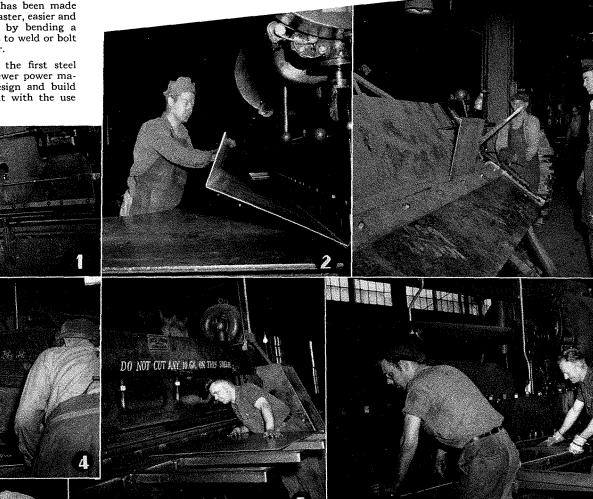
NUMBER OF FULL SHARES 528

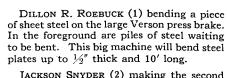
LOOKING IN ON THE OTHER FELLOW'S JOB

THE BENDING AND SHEARING OF STEEL

Bending and shearing steel plate speeds tremendously the fabrication of war-vital AFECO equipment. This has been made possible because it is much faster, easier and cheaper to make an angle by bending a piece of sheet steel than it is to weld or bolt two separate pieces together.

With the installation of the first steel brake and later with the newer power machines, we were able to design and build stronger, sturdier equipment with the use of less steel.





JACKSON SNYDER (2) making the second bend in a Dust Collector elevator piece. The bending dies can be changed depending on the gauge steel being bent and the angle desired.

PAUL STROMBECK (3) watches the piece of steel JACOB SHOEMAKER is bending on an old type brake; (the first brake used in our steel shop). On this brake the steel is inserted in the machine and the motor-driven bed comes up, bending the sheet to the proper angle.

The shears cut in a matter of seconds, pieces of steel that would require several minutes if done by burning or sawing. Parts are laid out, marked with chalk—the operator inserts the plate, adjusts it properly and the die cuts it clean and true.

In (4) PAUL STROMBECK and JACOB SHOEMAKER are cutting elevator motor brackets. In (5) JOHN BOWERS cuts Wheelabrator Tumblast separator plates to the correct size. JOHN WOODRUFF and LESTER CAMP (6) are shearing plates for shell machines.

Cutting rubber was a tedious hand operation until Robert Buck conceived the idea of making a blade for the small brake. Now JACKSON SNYDER (7) shows how a sheet of rubber is cut clean, true and rapidly.

American Men in Uniform

THE mail received from servicemen this past month has been unusually heavy. We don't have space to print but a few of the letters, but the theme of every letter follows the same general trend:

- 1—"Thanks a lot for the vacation check, it surely came in handy. I'm the only man in our outfit that received such a gift from their former employer, it makes a guy feel good to be remembered."
- 2—"Thanks a lot for the subscription to "Reader's Digest"—that's good reading, for me and my buddies."
- 3—"I enjoy reading 'Parade'. It tells me what is going on back home and what the fellows in service say and how they look!"
- 4—"Why don't you guys write, I keep looking for a letter from you?"

On this latter—"Parade" tries to keep an accurate, up-to-date list of all former employees; their rank and address. The government forbids publishing such complete lists of service addresses, but we will gladly give you any addresses you want. Just phone or stop in the advertising department and we'll type up the addresses you desire at any time.

ROBERT B. QUALLS

"I have been going to fire fighting school, also had a few days on the rifle range at Sachuest Point, R. I."

* * * PVT. RAY LYTLE, Somewhere in France

"The weather has been pretty rough the last 3 or 4 days, sort of holds up the fight. I've seen muddy places, but this place tops them all, and when the sun comes out it gets nice and you can't see for dust.

"Don't any of you guys ever write to anybody? I've written 3 or 4 letters and haven't got but one, it was from Bob Bunch."

S/SGT. JOSEPH HALASZ

"Thanks for the generous 'vacation' check. Perhaps it's just a coincidence that about the time the check arrived, the U. S. Army decided that I needed a change of climate, and very thoughfully sent me to a very famous beach resort in France. The sand on this beach are very 'hot' at this time of the year and there was so much noise and excitement the first day I landed that I decided I had better go further inland and perhaps spend my vacation in Paris.

"I was well on my way, but made the almost fatal mistake of traveling at night. I must have wandered into some farmer's watermelon patch—or something, for all of a sudden there was a lot of shooting and the next thing I knew I was back in England in a hospital and wondering what the hell hit me.

"Seriously though, I am quite all right now and ready to go back and find out what all the shooting was about. And, incidently, I may get a chance to spend some of that vacation check. At the moment, here in the hospital, it's burning an awful hole in the pockets of my pajamas."

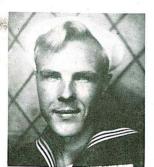
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\$25.00 War Bonds were made out this month for Pfc. John V. Pawlowski and Albert Hamman, Jr., Ph.M 3/C.—gifts from the Servicemen's Gift Fund to these former employees who have been outside the United States for more than nineteen months.

RICHARD HUSTON, USMTS

"The base here is one of the finest in the country for boat training, here is where the Army and Coast Guards learn to sail a boat and run a cargo ship."

\$\sqrt{S}\text{GT. CLYDE PATTON}\text{ has received the Silver Star for exceptional bravery in helping to crack the Gustave line in Italy. Sgt. Patton had already been awarded the Bronze Star.







Robert L. Newsom, S1/C Albert Hamman, Jr., Ph.M. 1/C Robert A. Powell, SC3/C

PFC. EMILE D. VREESE, Somewhere in New Guinea

"There isn't too much to do down here as there are no towns to go to and we can't spend too much money except on small articles such as toilet articles and smokes, etc. Although each one of us is allowed one case of beer per month.

"We surely appreciate what the Red Cross is doing for us. They have set up a recreation hall for us, and supply us with free entertainment such as shows and serve free drinks and eats. It's my first experience with their share in this war and they are doing a good job. The only white girls I have seen down here are those Red Cross girls.

"We surely are out of civilization down here, but the living conditions aren't bad. At least they could be worse. So far I haven't minded it yet, but it surely will be a pleasure to get home and live like a human person again."

A/C LLOYD LUCAS

"I'm at advanced Flying school. Have about seven more weeks to go before graduation. This is a twin engine school, so if I'm lucky I'll be flying the big ones. I hope to get to see you about the middle of September. We should graduate the 8th, then comes a short leave (8-15 days) we hope."

S/SGT. JOHN L. WILSON

"At the present writing I am flying on a combat crew of a Fortress. I would like to tell you more about our life here, but we must abide by the rules of secrecy."



Additions to the Honor Roll

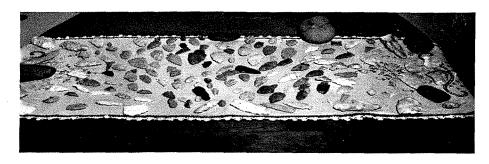
FRANCIS W. GEIST ANDY T. COLE

CPL. JACK THIEM

"I just received the swell birthday card with the present enclosed. I was a little surprised but darn glad to get it. At the time it came, everybody was hard up for cash as we hadn't been paid for over a month. It takes very little cash to get along here, but on the other hand, if you don't have that small amount—well it's just tough luck. Thanks a lot for the card and money.

"There isn't much of interest here. The natives are small and nothing to look at. Seems like the native women do most of the work. They carry loads around that would make me think twice, before I'd even try to pick them up. It's a comical thing to see a native woman walking along the road. She looks like she's walking on her knees with a load twice her size and probably twice her weight. The load is carried perfectly balanced on her head.

"After watching that performance the least I can do is to stop complaining because I have to lug a nine-pound rifle once in a while."



Indian Lore

The Hobby of Decatur Jaycox

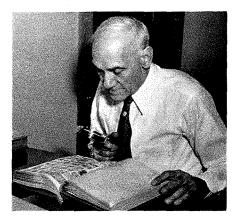
When the Indian went hunting he took along arrows for the particular game he expected to bag. Picking up a tiny arrow head about 3/4 long Decatur Jaycox, inspection department employee, explained how the Indian inserted the bit of flint into the end of an arrow and with it shot quail or other small birds. But, if the hunter wanted ducks he took along a rounded arrow head which would break the duck's neck or wing. If hunting bear or other large game or on the war path he used large arrowheads, from two to three inches in length.

Jay, as he is called by his fellow workmen, began his fascinating Indian collection while still in high school. His boyhood home at Louisiana, Missouri is only four miles from a permanent Indian campsight and Indian relics were quite common around his home. He says when he was a small boy a man who collected Indian relics would pay him 5c each for arrow heads or other relics; so whenever Jay required money, he would gather Indian pieces and sell them. When he was in high school, however, his instructor Prof. R. R. Rowley, one of the foremost experts on American Indian lore, interested him in archaeology and from then on he has spent many interesting hours searching for and studying Indian relics.

Indicating a lovely white flint arrow head, Jay explained how arrow heads were made. The Indian heated the flint in a fire then by dropping water on the stone, it flaked off until the desired shape and size was obtained. Flint has no grain and is brittle, breaking easily, so whenever you see a perfect arrow head you can be assured the Indian who made it was a patient craftsman.

Among Jay's most prized possessions is a left-handed Indians scalping knife. The flint knife has tiny saw teeth on the curved blade. Many of the pieces in his collection have been found in the fields close to his home at 1501 Panama Street, Mishawaka.

In January of 1926, Jay came to AFECO to run a milling machine in the flask department and has worked here since. He is married and his son is a Chief Warrant Officer with the Army in England. Jay also has a large collection of stamps; these he has been acquiring since he was 10 and he is able to tell you many of the stories behind the issues.



NEW Safety Program ORGANIZED

The Safety Committee has been reorganized and will have a representative in each department so that all safety problems can be handled with much better understanding.

All accidents will be investigated and the cause corrected because every accident report will be forwarded by the nurse, Leona Bidlack, to the committee.

The general procedure will be as follows:

- All safety problems are to be taken up with the safety representative in the department where the problem occurs.
- 2. The nurse will turn over all accident reports to the chairman of the committee to be investigated by him. He will make a report to the committee with recommendations to correct the hazard and prevent future accidents.
- 3. A reward from \$2.00 to \$5.00 will be given for any safety suggestion accepted by the committee. Use the present suggestion cards, mark it "Safety Committee" and forward to the chairman Harold A. Whitmer.
- A kangaroo court will be held from time to time for those who ignore good safety habits.
- A general meeting of all representatives will be held on the second and fourth Monday of each month at 3:30 PM at the general office.

Your department safety representatives are as follows:

Harold A. Whitmer, Chairman and Investigator

Ray Steele and Dick Ross, Management Lloyd Forner, Experimental

Kenneth Magnuson, Heater Division George Doty, Foundry

Robert W. Buck, Steel Shop, days

Walter F. Meyers, Steel Shop, nights Herman G. Freese, Stockroom

Arthur Murphy, Maintenance

Otto Morgan, Machine Shop, days
Albert Leyes, Machine Shop,

Harry M. Holmes, Shipping Room

The safety program this winter will include

nights

The safety program this winter will include safety movies and talks by Safety Engineers of the U. S. Army and Navy.

Let's all give the new committee our best support so that our accident rate and lost time man hours will be drastically reduced. As soon as possible a chart will be installed to show what we have gained by this program.

His teacher sent a note home with Johnny asking his mother to give him a bath. The next day Johnny brought an answer:

"Dear Miss Smith: When I send Johnny to school, I send him to be learnt, and not to be smelt; he ain't no rose".

TUMBLAST ASSEMBLY TIPS

Ray Hutchins

Our new employees are: Maurice Reinking who is training for service work and Opal Neddeau (Mrs. Lester Neddeau) who operates the jeep in the steel shop.

Henry Miles and Hans Jorgensen have moved their headquarters temporarily to other plants to supervise the production of shell machines.

The favorite topic of conversations now is operations since group insurance has been adopted. Recent victims were Frank Burkett, Marvalynn Powell and Herman Jones.

The FACTS about the recent fishing party you have been hearing about are as follows:

- 1. The party included George DuBois, Woody Stoddard, Bill Snyder, Joe Turnock and Burt Biggs.
- 2. Burt and Bill were taken along to do the cooking but they refused to wear the dainty aprons provided for their protection.
- 3. Their deluxe river cruise included reclining chairs and cigars.
- 4. George wore hip boots while wading water up to his neck.
- 5. The bruises on their hands and arms were the result of battles for dunking cookies. They consumed 15 pounds during the week.



SAM SNODGRASS and JOHN VAN BELLEGHAM grin as they display strings of fish caught on a recent trip.

TRAFFIC TIPS

Arvilla Hummel

We extend our sympathy to Mr. and Mrs. Vernon Fisher whose son James was killed in action July 17, somewhere in France. James was a holder of the Purple Heart.

Our new fellow-workers are Don Fisher and Ralph Austin.

Bits About Us



MARIE DAVIS, accountant, has worked for the Company two different times, the last time since November, 1942. Marie is also treasurer of the AFECO Credit Union.

VOICE OF ENGINEERING

Agnes Ernst and Chuck Bultinck

Since his arrest for speeding and running a stop sign, Roy Fishburn is thinking seriously of acquiring a horse and buggy.

Congratulations to Elouise Hutchison and Pfc. Clarence Knisley who were married August 4.

Max Bottorff left September 4 to join the armed forces of our country.

Vacations are usually fun, but to Kenny Rohleder it was a nightmare. He took a dive from a six-foot stepladder. Chuck Bultinck went fishing in Lake St. Clair; Dottie Whitmer spent a few days in Pittsburgh, Ray Van De Walle rooted for the Chicago Cubs and Boston Braves. Joe Arata did farm chores; Julius Vander Brugghen kept house and Theo. Jensen looked after his ducks and chickens.

STOCK ROOM STUFF

Ernest Young

Bob Gibbens left his car parked for several days recently—they won't run without tires you know.

The Stockroom's recent contribution to the Army is Andy T. Cole.

Hart Baugher's vacation was spent moving into his new home at 1136 E. Fourth St., Mishawaka.

We extend our best wishes on an early recovery to George Simmons now in the hospital at Indianapolis.

EXPERIMENTAL

George McNiele was passing out cigars and a big smile recently and accepting congratulations on the birth August 12 of Mary Margaret.

MAINTENANCE

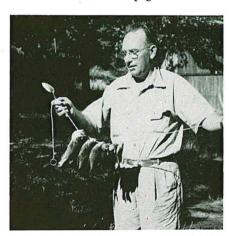
We hear tall tales of the big fish our men haul in—but I'd like to hear the story the fish who pulled Art Murphy out of the boat into the lake while Art was casting, is telling to his fellow fish.

MACHINE SHOP MURMURS

Irene Grams

With summer almost over, the high school boys who carried on as real production soldiers in our machine shop during their vacations are returning to their text books again. Sam Hearrell gave the highest praise to all of the boys for their excellent work and fine spirit. Edward Watson, Ted Squibbs and Willard Bauers will continue in the machine shop on a four hour victory shift after school, while Paul Holland, whose school days are over, will remain with us full time. The boys who will go back to school are: Jack Berger, Jack Weil, Jack Jaqua, Andy Acsai, William Roberts, Harold Zimmer, Dale Douglas and Adolph Mussche.

Continued on page 8



JOHN REEDY with a few of the fish that didn't get away during the recent camping trip spent at Nichols Lake, Michigan, with Clair Wilson, Bill Powers, Duane Wilder and Walter Jaqua. John was chief cook with the menu loaded with fish and frog legs. Clair Wilson took over the frog catching detail and never lost a frog even though it meant plunging into slimy mud to make the catch.

Now, Why Didn't I Think of That Suggestion?

RICHARD E. ATKINSON—As first operation on casting 30333, bore, ream and face $1\frac{1}{4}$ " hole.

RALPH E. BANES—Replace present $4\frac{1}{2}$ " x $5\frac{1}{4}$ " box part No. 39188 with 8" x $8\frac{1}{2}$ ".

KENNETH BIDLACK—Take the center cut from the control cage seal 16984 for the inside ring on the hub seals 71907.

KENNETH BROWN—New type motor bracket for 14" heater and make a kinko instead of notching out for a break.

KENNETH CLARK—Install heavy wire fence and signs around the transformer.

ROBERT DETTBRENNER—Make two clips for use on the chuck jaw to use when running table top bearings.

MILDRED FORE—Enclose steps and railing in the Engineering Department.

JOHN A. Goss—Use pressure screws on heaters.

EUGENE HEIGHWAY—Change the location of the number on part No. 1294, so it will not be ground off.

ARVILLA HUMMEL—Install a drinking fountain in the shipping room.

FRANK J. MORIN—Put two sprockets and a chain on the small hand roller.

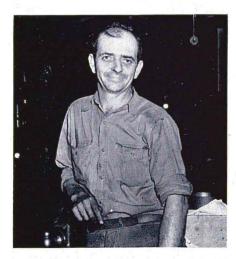
LESTER NEDDEAU—Make change in the rotary screen housing, part No. 51116.

KENNETH ROHLEDER—Made a note on each parts book sheet telling customer to include the serial number of machine when ordering parts.

JOSEPH TURNOCK—Make a gauge for shear on back of big punch press for cutting off angles, etc.

ERNEST E. WEBSTER—Purchase a Rockwell machine.

ANOTHER 5 CLUB WINNER



EUGENE HEIGHWAY



Laying the first bricks for the new office addition structure. The building will be two stories high at the side shown in the illustration with a second story addition extending over parts of the tool room and machine shop at the south end of the present office.

WHEELABRATOR SAVES ACCOUNTING DEPARTMENT TIME

Charles L. Benham, New England and Canadian sales representative, sent us this unusual bit of Wheelabrator savings at the Montreal Bronze Co., Ltd., Montreal, Ouebec. Canada.

"Mr. King, the treasurer of the company advises me of a savings that is being made in the Accounting Department which is really considerable. They are now sending out 40% less invoices than they did before the 36 x 42" Wheelabrator Tumblast was installed. This is due to the fact they are able to keep on their work and ship complete orders at one time instead of a few today and some next week, because they could not get them through the cleaning department."

Bits About Us

HEATER HINTS

Virginia Ernst and Alice Hutchins

Our vacationists have been doing a little of everything. The Nelsons spent their time moving to the farm. Bob Mow and family spent part of their time in Chicago. Florence Livingstone took her family fishing on the Tippecanoe River. Among those spending their time at the lake were the Pequignots, Masts and Hutchins families.

Kenny Brown is the only one so far who thinks vacations are too expensive, but he had a little bad luck. He was stranded in Pittsburgh till he could wire home for further funds.

DESK DATA

Ray Biggs

Mary Brioli entertained with a dinner in her home August 9 honoring Eleanor Biggs who was married August 12 to Ned Wade. Other guests included: Ellen Heaton, Mary Bokhart, Elsie De Bruyne and Rachael Steel.

Congratulations to Peggy Shipley of our file department and relief switchboard operator and Karl "Bud" Parker of Silver Lake, Indiana on their marriage August 26.

With school approaching we will lose several girls. Pat Bancroft will return to Indiana University and Pat Forbes will enter St. Marys. Loretta Lang will go to Ball State, Muncie, while Attea Bronzetti will return to high school. Betty Longenecker will attend Barbizon, a modeling school in New York City and Joan Jontz will enroll at Seagin also in New York City, to study music and dramatics.

The weekend of August 12-13 saw several of our girls in Chicago to see "Oklahoma". Among these were: Mary Bokhart, Mary Wordinger, Margie Frisz, Julia Baugher and Pat Greene.

Joe Dillon reports that his vacation was a complete success. Trips to the Brookfield Zoo, the theatre and other Chicago sites occupied most of their time. One day he and his wife visited the Mishawaka City Cemetery and as a result, "the scenic atmospheric conditions and the singing of birds so impressed us that we purchased a burial lot where we will some day lie quietly together awaiting the toot of Gabriel's horn. We just wanted to be prepared when the angels appear to guide us safely across the river Jordan to meet Saint Peter".

