

# AMERICAN Parade

VOL. 3 NO. 7

JULY, 1944

## AFECO Welcomes These New Men and Wishes Them Success



**T**HESE three engineers are now members of the sales engineering department. Pictured from left to right they are:

*Harry T. Keefe* was graduated in 1935 from Notre Dame University with a Mechanical Engineering degree. The following Autumn he played professional football with the Green Bay Packers. He had played end for Notre Dame during his college days. His last position before joining AFECO was with Carnegie-Illinois Steel Co., Chicago, as an industrial engineer. Married, he spends his week ends on his poultry farm at Rockford, Illinois, where he is raising over 7,000 chickens.

*Davis G. Taylor*, who comes to AFECO from the industrial division of Gates Rubber Co., has had a colorful industrial career. His first two years, after finishing school, were spent in the oil fields of Texas, after which he joined Southern California Edison. From there he returned to his home town, Colorado Springs, Colorado,

for a foundry job. Holly Sugar Co. next retained his services and then Link-Belt Co. Mr. Taylor, and his wife, moved to Mishawaka when he was assigned to the Indiana sales territory for Gates. He is a golf and wood-working enthusiast.

*Carl Schlicker* comes to AFECO from C. G. Conn, Ltd., Elkhart. He attended the University of Rochester (New York) in his home town. After leaving school he joined the Adams Lathe Co. His next job was with Consolidated Expanded Metal Co. as a mechanical and sales engineer; and in 1941 he was associated with American Nickeloid Co. on the same type of work. Mr. Schlicker is married and has a 13-year-old daughter Peggy. His hobbies include growing rare flowers, raising tropical fish and big game fishing.



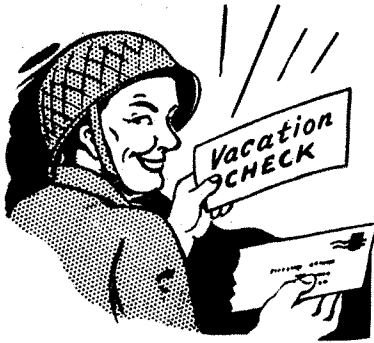
*H. A. Ross*, our new industrial engineer brings to AFECO a wealth of experience and a thorough understanding of the job.

Dick, as he prefers to be called, graduated from the University of Michigan in 1925 where he studied mechanical engineering and business administration.

He had held designing, industrial and mechanical engineering positions with such companies as: George S. May Co., Chicago; Covell Mfg. Co., Benton Harbor, Mich.; Foster Machine Co., Elkhart; Kawneer Co., Niles, Mich.; Studebaker Corp., South Bend, and American Can Co., Chicago. His last position, before coming here, was with Singer Mfg. Co., South Bend, where he had charge of assembly of plastic torpedo dive bombers.

Dick played center on the Michigan varsity basketball team but his activities are now confined to golf and bowling. Last winter he taught blue print reading and inspection in the Government school at South Bend Central. He is married and lives in South Bend.

## Vacation Pay on the Way



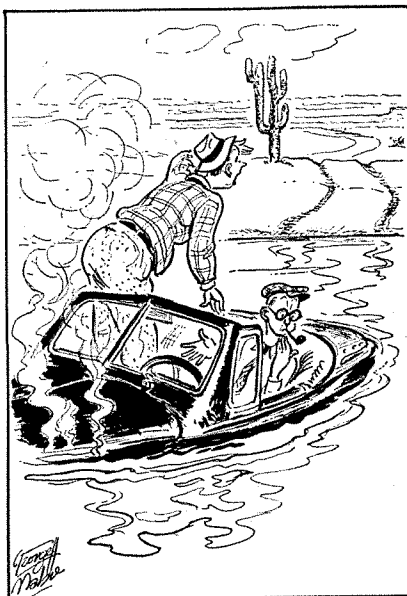
Vacation days are here again and everyone appreciates a break in routine for the rest gained and new vigor received to tackle the job ahead. Even the armed forces recognize the value of a furlough and endeavor to grant them whenever feasible.

Much as we should like to do so we cannot make arrangements for vacations for former AFECO men in the Services. Therefore, the next best thing is to send vacation checks to those entitled to receive them.

All men with a total of five year's employment will receive a check for two week's pay at their former rate. A check equal to one week's pay will be sent to those with one year or more service with the company.

Former office and engineering employees with a year or more service will receive a vacation check equivalent to two week's former pay.

★ ★ ★



"That turn off was the mirage—an' this is a real lake!"

## Button, Button, Who'se Got the Button?

Answering our own question, Kathryn Kamerer, who works in the blade room, has over a thousand. The majority of her one-of-a-kind buttons are quite old. It has been said that "Americans have a club for everything" and Mrs. Kamerer follows true to form. She belongs to a "Button Club" composed of over 30 women who meet once a month for lectures, discussions and exchange of information on buttons, manufacture, history and related subjects. Most old buttons have a song or story connected with them.

Kathryn also has a collection of some 40 bottles. This accumulation was begun some eight years ago when she moved into an old house formerly occupied by an elderly lady. Here she found several old,



interesting bottles which fascinated her and was the beginning of this hobby.

The oldest bottle in her collection is a little jug bearing the date 1880 and one of her most prized ones is dated 1891. This last one is Venetian blown cameo glass. She collects bottles because they are interesting, old or beautiful, several are liquor and perfume bottles. The bottle she is holding is "satin" glass decorated with gold leaf and the stopper is shaped like a tulip.

At home she shows her bottles around her living room and changes the display frequently to obtain the most enjoyment from her hobby. Her collection has been displayed by the Mishawaka Library.

Mrs. Kamerer is a widow with two sons—Thomas who is in the Navy Aviation Mechanics School at Norman, Oklahoma and Jack, a propeller specialist at the Army Air Base, Clovis, New Mexico.



### AMERICAN PARADE

ROBERT E. SCHALLIOL  
Editorial Director

MARJORIE E. FRAZEE, Editor

ART FULLER, Art Editor

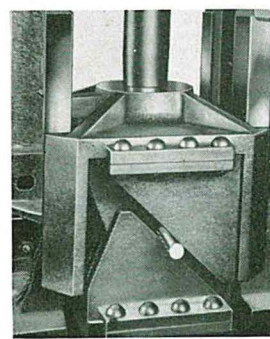
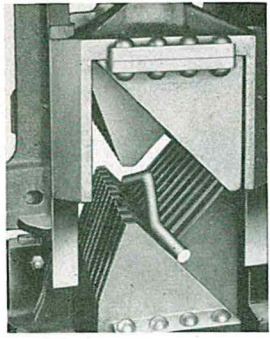
#### REPORTERS

William B. Brannon  
Agnes Ernst  
Charles Bultinck  
Robert Gibbens  
Ernest Young  
Virginia Ernst

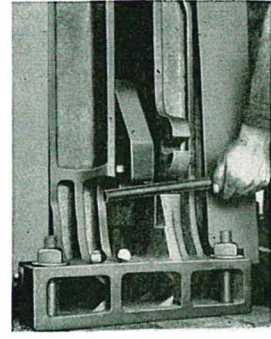
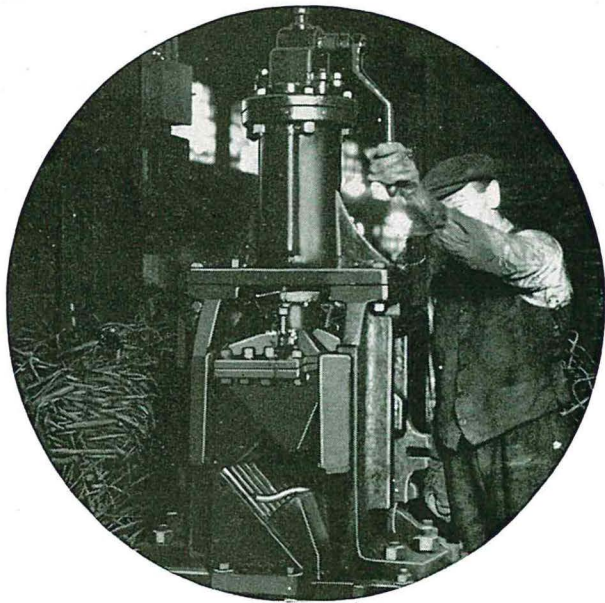
Alice Hutchins  
Harold Groh  
Ray Biggs  
Arvilla Hummel  
Ray Hutchins  
Irene Grams

# Practical Conservation

★ In making large molds, molders sometimes use metal supporting fixtures known as core rods and gagers. In many cases these items are twisted and bent to give proper support to the interior structure of the mold. Later, after the mold is broken up, they must be straightened before they can be reused.



STRAIGHTENING



SHEARING



FORMING GAGGERS

The American Rod Straightener and Shear Machine was designed to eliminate the laborious task of manually straightening these bent rods. Hundreds of these units have been installed in foundries throughout the country for this purpose.

The Rod Straightener accomplishes this by hammering the rods between heavy jaws actuated by compressed air. The machine straightens rods up to 2½" diameter, shears rods up to 1½" diameter and will also form perfect gagers.

Because the machine hammers out the kinks in thousands of rods and shears them to size in a fraction of the time it takes several men to do the job by hand; there has recently been a heavy demand for the Rod Straightener.

American Rod Machine eliminates waste—a vital factor in today's world where conservation of manpower time and material is so important. They release hand labor for productive work, and reduce purchases of stock by reclaiming rods, bolts, wire and nails.



*Birthdays in the sales department recently were marked with the presentation and consumption of cakes. K. H. Barnes (above) holds the knife ready to cut his cake and L. L. Andrus (at left)—whose cake carried the greeting "Happy Birthday, Pappy"—is well into his task of serving the cake to the eager and appreciative sales department.*

## ZAHN CHAIRMAN ASME

Otto E. Zahn, Asst. Works Manager, was elected chairman of the St. Joseph Valley section, American Society of Mechanical Engineers at its meeting June 19 in the engineering building at the University of Notre Dame

At the same meeting Edgar Lehman was elected to the executive committee and George R. McNeile to the entertainment committee.

★ ★ ★

It takes both the Army and the Navy to save the world for freedom. It takes both War Bonds and taxes to save those payday dollars for after the war. Buy more WAR BONDS.

\* \* \*

Democracy borrows your money; dictators confiscate it. Remember this when you are asked to buy More War Bonds.

## Are You Trying to Live



### On a Desert Island?

By Dr. Victor L. Short, Pres.  
Institute of Human Science

Attractive though the idea might seem, we cannot live today on a "desert island" independent of others. Every thought we have, every action we take, affects someone else in the group in which we live or work.

Within this very hour you will brush shoulders with someone else, whether at work or play. And that contact will have some definite bearing on your own future. Perhaps not today, but certainly before long, that person's good-will will be of value to you.

Never before in the history of civilization has one's well-being been so utterly dependent on team play and team spirit as it is now. While we all admire the upstanding "he-man", the rugged individualist, who looks everybody in the eye and tells him where to "get-off" if he doesn't agree with him, that spirit of selfish independence does not "click" anywhere, any more.

Our progress—our success, in fact, our very happiness, depends almost entirely on our ability to **COOPERATE WITH OTHERS**.

Even our Creator must have had this in mind for, truly, we are made for co-operation; like feet, like hands, like eyelids, like the rows of the upper and lower teeth.

In all great military or commercial enterprises individualism has to be subordinated to collective action. In a baseball or football team, a regiment, or ship's crew, lack of cooperation means defeat and failure.

One of Aesop's Fables has always fascinated me:

A father who had a quarrelsome family had tried in vain to reconcile them by words and finally thought he might more readily prevail by an example. So, he called his sons together and asked them to bring him a bundle of sticks. After tying the sticks into a fagot, he told his sons, one after another, to pick up the fagot and break it. They all tried, but tried in vain. Then, untying the fagot, he gave them the sticks to break one by one. This they did with great ease. Then said the father:

"Thus, my sons, so long as there is disunion, cross purposes or dissension among you—you are undone; but banded together in harmonious accord—you are a match for all your enemies."

Yes, if men are to found and govern cities, to build bridges and make roads, to establish universities, to sail ships, to sink mines and to create educational systems and policies and religions, they must work together and not against one another.

It is one of the prime laws of nature that: Individual success is dependent on group success. We can dodge that law no more than we can do without food or sleep. It is the law of cooperation—working together.

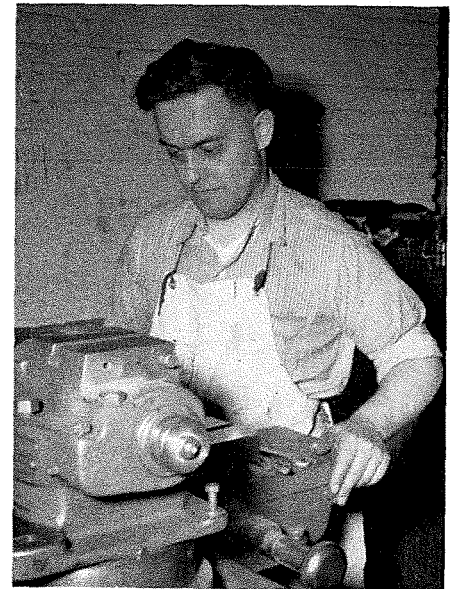
That is why your interests are the Firm's, and the Firm's interests are yours. That is why one department's poor record or outright failure injures all other departments and the business as a whole. That is why even a single worker's poor work, bad habits or wrong attitude is felt throughout the Firm as an influence against its success—and therefore, against your own.

How do you "stack-up" on this important issue? Is it hard for you to take an active interest in other people, to understand them, and get along with them? Can you think of a case, right now, in which you might be working along better with others, but you have been "hanging back"? Is your first thought, when the chance to do a piece of real teamwork presents itself, "What do I get out of this?" Has your conscience taken you to task lately for failure to "team up"?

I can't believe that you would answer "Yes", to any of these questions—but it's a good thing every now and then, in this tough work-a-day world, to check up on ourselves. Try it.

**BENEVOLENCE and COOPERATION are economic necessities.**

## THE FAMILY ALBUM



**ALFRED RICHARD MOORE** has seen many changes in the building that houses the machine shop since he worked here for the Dodge Mfg. Corp. during World War I, operating a lathe machining parts for shell trucks and loaders and windlasses (used to pull Army trucks out of the mud.) After the war he worked in Dodge's tool room at their present location.

AFECO located in Mishawaka, January of 1926, and Frank Gehl convinced Moore in June of that year to take a job in the machine shop operating a lathe. At that time there were about 15 men in the machine shop and most of the work was parts for the Sandcutter. He has watched the company grow until there are now about 125 employees in the machine shop alone.

Unc, as he is called by the men in the shop, has worked in the tool room for the past six years using his skill repairing tools and designing and making special tools and jigs. When special tools or jigs are needed Unc is told what is desired and sometimes how it should be made then he designs and makes the piece—a job requiring considerable skill, training, experience and imagination. When a foreman is away because of vacation, illness, etc., Moore takes over supervisory duties also. Needless to say, he is an expert machinist.

Moore, a native of South Bend, is married and has two children—Daniel Richard on duty with the Army at Boise, Idaho, and Virginia, employed in our purchasing department.

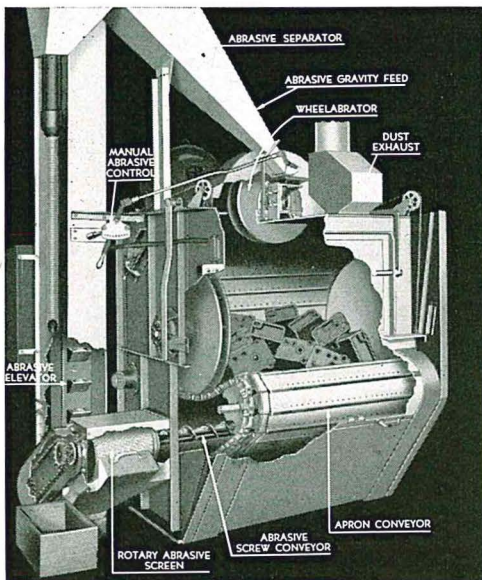
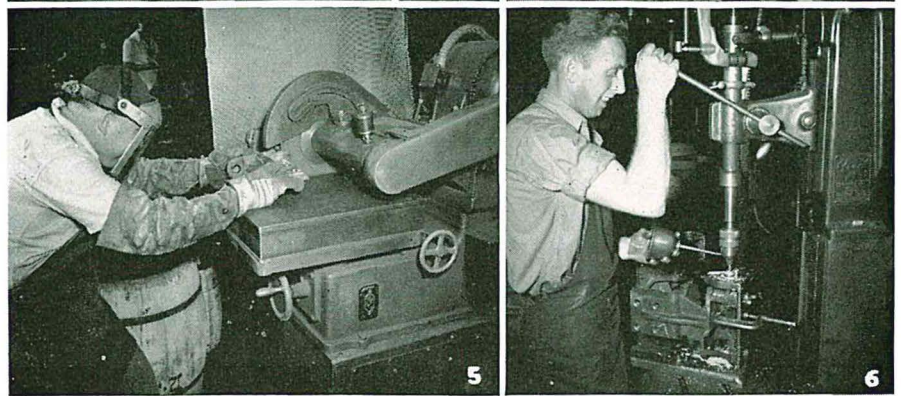
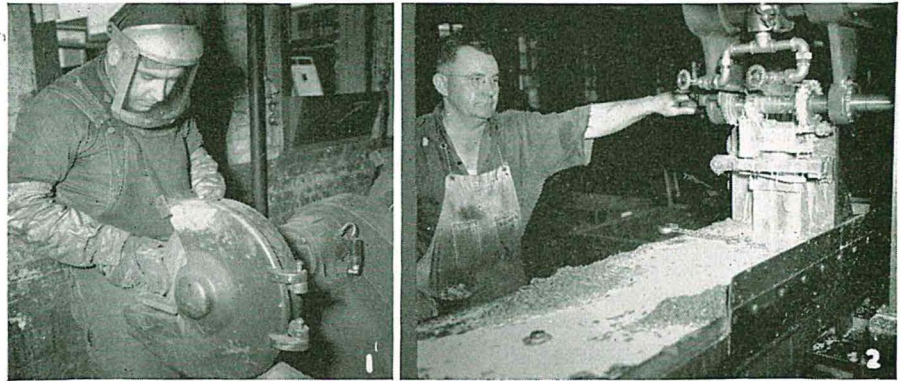
Unc, is a member of the athletic and safety committees and is a block captain over air raid wardens. For relaxation he reads detective stories and listens to the radio.

# Looking In On The Other Fellow's Job

**T**HE tumbling "barrel" of the Wheelabrator Tumblast is a good example of American's engineering and inventive skill. The barrel or cleaning chamber is formed of an endless chain apron conveyor, as shown in the photos. This mechanism permits easy loading, unloading and inspection of the work. The simple design of the Tumblast barrel gives a cascading action which exposes all sides of every casting to the full effect of the abrasive blast. Here is the story of the links used in the 36 x 42" Wheelabrator Tumblast, told by the pictures:

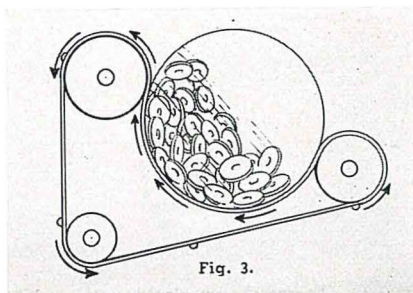
In the first view GRADY FAULKNER (1) is grinding a rough casting to fit a standard gauge. Next RILEY ROBERTS (2) uses a straddle mill to mill the pin and bushing slots, after which he faces off the pad on which the flight is mounted. This operation is performed on a vertical milling machine. JOSEPH AMBERG (3) is shown drilling four 11/16" holes for mounting the flight on the link.

After this PAUL CANDELO (4) drills, reams and countersinks the pin and bushing holes. In the next operation GRADY FAULKNER (5) is cutting tie bars on an abrasive cut-off machine; he then grinds the links. Following this HERMAN MITCHELL (6) drills and taps 1/4" holes in the castings for the set screws which hold the bushing in place. In the final operation (7) EMERY BURRIS protects his eyes with goggles while assembling the pin, link, roller and bushing. Here he is tightening the set screw which holds the bushing in place.



Left: Phantom view of Wheelabrator Tumblast.

Below: Diagram of Endless Conveyor tumbling principle.



## ★ American Men in Uniform ★

### CPL. HOWARD SEELEY, Ft. Ord., Calif.

"I received your birthday card while I was out on an all night cold bivouac. To receive such warm consideration from friends back there at the shop tends to warm the heart if not the body. I want you to know that such thoughts from you folks back there are truly appreciated. I am looking forward to the day when I can once more be with you."

★ ★ ★

### CHARLES COLE, MM 3/C, Hawaii

"Thanks a lot for the money and the nice gifts. As yet I haven't been able to keep the book away from the other fellows long enough for me to read it. One will finish it and another will grab it. . . ."

"My old outfit is just a few miles from here so I will get to see all the fellows once more at least . . . I went to Honolulu the other day and am going again tomorrow. I was really surprised to find a place so much like our own towns. It is just like a big street fair and as much fun. There are plenty of grass skirts, but most of them are for sale and no one in them. I expected to see all the natives in them, but I guess times have changed."

★ ★ ★

### PFC. DON MOSHER, Mississippi

"I am now studying pre-med at 'Ole Miss'. Received my first stripe a month and a half ago. The studies are not easy and we are kept pretty busy."

★ ★ ★

### OMER J. BOEMBEKE, T/5, England

"I am now one of the millions of American Yanks in England waiting for the big show to start. That will really be the beginning of the end for Hitler and his Nazi party."

★ ★ ★

### CPL. ROBERT J. VRABEL, New Mexico

"I want to thank you for the birthday card and present and 'Reader's Digest'. As soon as I'm finished looking it over I let any of the fellows in the barracks who want to read it."

★ ★ ★

ROBERT HOERSTMAN, son of Mr. and Mrs. W. H. Hoerstman and former machine shop employee, has been awarded the Purple Heart.

★ ★ ★

ALBERT (RED) HAMMON, Phm 1/C, wearing stars for 4 major battles, stopped in for a short visit the other day. Red gave us some first-hand information on

the work of the L. S. T's. in the Mediterranean area.

★ ★ ★

### SGT. F. DALE SMILEY, England

"One of my squadron buddies and I were in Kew Gardens, London . . . after making ourselves comfortable by taking off our coats, hats, and unfastening our ties, we prepared for a nice quiet snooze in the park. All of a sudden, somebody yelled out 'THE QUEEN' . . . there, not more than five yards away was the real Queen Elizabeth of England accompanied by the Arch Bishop of Canterbury . . . about 25 yards to the rear, were her chaperons and guards . . ."

"After coming to my senses, I grabbed my coat and hat and box camera and started running after the Queen . . . finally after catching up with them and gathering up enough nerve to ask her for a picture, (in the meantime trying to think up the appropriate way to address the Queen), I walked slowly towards them while my knees were knocking to the tune of a fast rumba. When about five yards from them, I asked, 'May I have a picture, please?' The Queen turned, said something to the

Arch Bishop and then they stopped and together turned towards me and posed. I nervously snapped the picture and shyly thanked them and departed while they continued on their way.

"Just to make sure I would get a picture of them in case the other didn't come out, I took a shot from a distance . . . The next day our photo section developed the film . . . in all the excitement I had forgot to wind the film up another notch for the next exposure and so had a double exposure . . . luckily the picture of the Queen came out in the center of the two exposures and a good print can be made from the two shots by enlarging the view of the Queen, however, the Arch Bishop and the background were sadly cut out of the picture . . . if anyone can get hold of some No. 616 film, I would really appreciate it."

★ ★ ★

PFC. JAMES E. HUNT, SGT. JOSEPH ACSAI, JR., and S/SGT. CHARLES KWASNEY have a \$25.00 War Bond awaiting them, a gift from the Servicemen's Gift Committee. These bonds are being held in the AFECO vault until these men return and claim them.



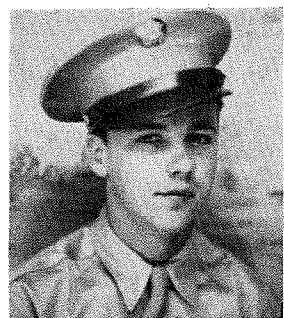
Pvt. Richard L. Squires



Pfc. James P. Curtis



S/Sgt. Howard W. Hull



Pvt. Walter E. Bricker



Cpl. Walter H. Williams



Pvt. Donald E. Fawley

# Bits About Us

## EXPERIMENTAL REPORT

*Harold Grob*

Carolyn Jane was born June 5 to Mr. and Mrs. Tom Hutchinson. Mother and daughter doing fine, father's chest has expanded visibly.

\* \* \*

Darl F. Wood will be seen in the experimental department during the school vacation.

\* \* \*

Virgil Pope called George McNeile to say he would pick him up in ten minutes and bring him to work. Mac forgot about this promise and rushed out and caught the bus. Virgil arrived and waited and waited but no Mac; finally Mrs. McNeile told Virgil, Mac had left. Result—Virgil was late to work.

## HEATER HINTS

*Virginia Ernst and Alice Hutchins*

Mary Wagner tried to get free transportation away from the summer heat one noon recently. She stepped into a box containing one of the large heaters which was to be shipped to Russia and someone nailed the box shut. Mary soon changed her mind and informed the shop she would prefer to stay here.



In cap and gown, Lillian Ernst graduated May 28 from St. Joseph's Academy, South Bend. The ceremony was held in St. Patrick's church. Lillian, who studied a combined commercial and college preparatory course, has been employed half days in the Heater Department since February of this year and now works full time.

Imagine the surprise and embarrassment of Alice and Ray Hutchins on Mother's Day when their three year old son "Pinkie" who had been left in the Church nursery while his parents were attending services, came marching down the aisle in the middle of the sermon, leading three of his little friends to a seat. The minister didn't mind; said it fitted in with his sermon.

## TRAFFIC TIPS

*Arvilla Hummel*

The new additions in our department include Herman Roeder, Jr., Verlie Henry and Charles Bliss.

## TUMBLAST ASSEMBLY TIPS

*Ray Hutchins*

George Tharp, who has been seriously ill with meningitis since May 8, is now able to get outdoors and enjoy the sunshine. He will not return to work for several weeks, however.

\* \* \*

Congratulations to Mr. and Mrs. William Rapp who recently celebrated their silver wedding anniversary.

\* \* \*

S/Sgt. and Mrs. Marvin Rapp receive our congratulations on the birth, June 4, of their daughter. Marvin is now in New Guinea.

## MACHINE SHOP MURMURS

*Irene Grams*

Mrs. Oneida Weinkauf celebrated her birthday May 6 and she treated her fellow workers to cocoa, and they in turn gave her a potted plant and a box of pansies and hankies.

\* \* \*

Walt Heisner marked his birthday May 5 by accepting candy bars and cocoa from the machine shop.

\* \* \*

A can of pineapple was presented to Fred Sheldon May 5 on the occasion of his tenth wedding anniversary—the tenth is tin.

\* \* \*

Our congratulations and best wishes to Eugene Kempner on his marriage June 10 to Miss Mary Walsh. The ceremony was performed in St. Joseph's Roman Catholic church.

## STEEL SHOP STUFF

*Bill Brannon*

Vacation plans hold the floor in most discussions and we hear that both Jacob Shoemaker and "Pappy" Breden will build new porches on their homes during their time off . . . The Clyde Burris' will conduct a revival service at Blanchard, Ohio. "Roundie" Fetters will use the time to see Chicago and spend some time in Ohio.

Paul Kizer—Lake Dewart. Bob Humphrey—Austin, Texas. Hazel Pace—Chicago. Thomas Fisher—Rockville, Ind., and Martinsville, Ill. Lester Camp—Decater, Ill. George Hoover—Royal Center, Ind. John Bowers—Sisters Lakes and Herman Jones—Brazil, Ind.

\* \* \*

It takes both workers and employers to turn out the weapons to lick Hitler. It takes both War Bonds and taxes to help pay the bill. Buy more WAR BONDS.

\* \* \*

U. S. War Bonds are wings for the eagle and feathers for your nest.

## DESK DATA

The billing department has added Attea Bronzetti to their number to help out during the vacation period. Attea will return to school in the fall.

\* \* \*

Rosemary Goossens is a new member of the sales department. Rosemary sings and had the lead in the senior high school play "Pride and Prejudice".

\* \* \*

Our new sweater girl is Ellen Heaton—she received the award for 4 years playing the bells in the local high school band.

\* \* \*

Our other new girls in the office are Joan Jontz in Payroll and Joan Carter of Cost Accounting.

## VOICE OF ENGINEERING

*Agnes Arnst and Chuck Bultinck*

When the cigar smoke cleared away we could see it was a boy, Howard, born May 20 to Mr. and Mrs. Charles Hirsch, a girl, Donna Sue, born May 21 to Mr. and Mrs. Dim Soviak and a boy June 8 to Mr. and Mrs. Phil Johnson. Those huddles on washing now have a domestic tang to them.

\* \* \*

Did you hear about Andy Federnok's buying the smallest potatoes in town so that he wouldn't have to stoop when he planted them?

\* \* \*

We don't know how it happened, but Phil Johnson made an unusual exit from the blue print room recently—he fell out backwards!

\* \* \*

Jim Evans hopes to have an unbreakable windshield before next year's baseball season.



CATHRYN CRUISE, secretary to Mr. L. L. Andrus for the past eight years, is a well-known figure in the organization. She was a member of the high scoring duck pin team, "Timber Knockers," last season.

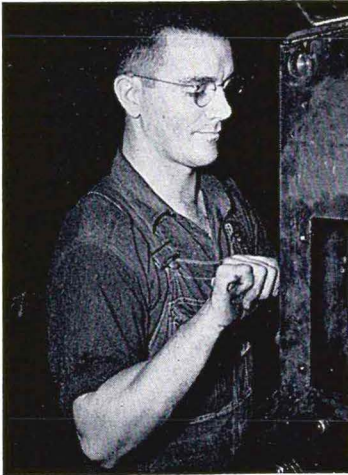
## NOW WHY DIDN'T I THINK OF THAT?

ODELIA SCHAUT—Utility cabinet for buffer and mops in the girls locker room.

RAYMOND HUTCHINS—Railing behind 48 x 42" Wheelabrator Tumbblast assembly line be removed.

WALTER BEATTY—Give a part number to detail 3 on BM 52777 and carry in stock.

MARVALYNN POWELL—Lengthen the stop on part No. 39164 from 1/2" to 3."



MARVALYNN POWELL (left) and J. ROBERT BUNCH (right) have had five ideas accepted and have joined the membership in the "5 Club". AFECO pays members \$5.00 to join this select group of thinking employees.

J. ROBERT BUNCH—Make an adjustable forming tool.

ROBERT DETTBRENNER—Make gauge to mic depth of hub 54993-94.

SAM SNODGRASS—Add 1 1/2" to side sheet by not jiggling out 16 x 40 3/4" centers.

GLADSTONE SMITH—Make boss on inside valve body (part No. 22381) 1 1/2" longer.

HARRY GLENN MARTIN—Use slotter made for Buffalo punch press to slot angles for part No. 16810 and angles 40538.

Jackie proudly announced to his teacher: "We've got a new baby and it cost \$100."

"Goodness," the teacher replied, "isn't that a lot of money for a tiny baby?"

"Yes, but think how long they last!" Jackie said.

\* \* \*

Rastus (throwing down four aces): "Dar, guess I wins dis ole pot, all right."

Sambo (angrily): "You play dis game honest, niggah; play it honest! I knows what cards I delt you!"

\* \* \*

When George M. Cohan was a little boy his dislike for school was equalled only by his aversion for violin lessons.

Many years later when George and his father were dining at a fine hotel, both were impressed by a violin solo rendered during their meal.

"Say, Dad," spoke up George, "perhaps if I had given more attention to my violin lessons I might be playing here."

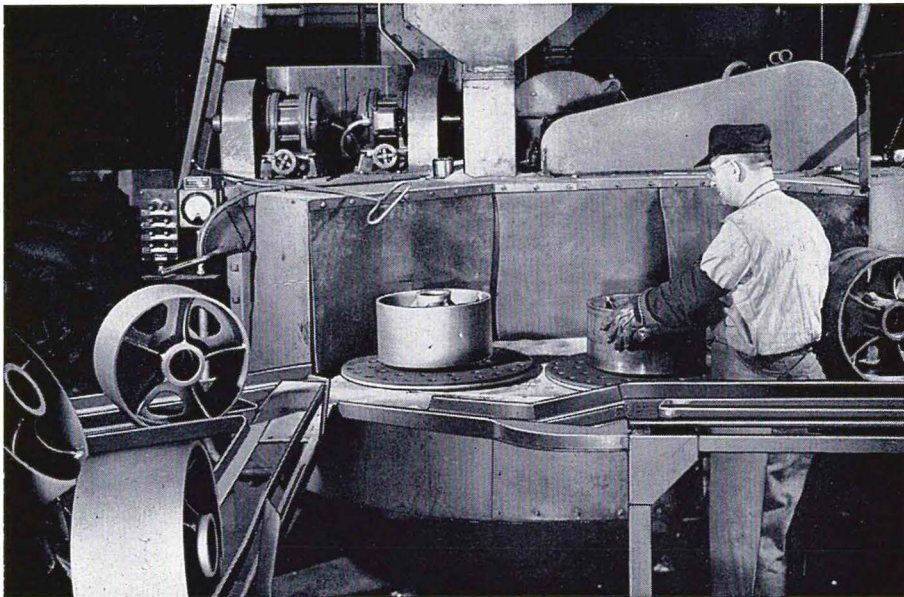
"Yes, George," replied his father, "you might — but you wouldn't be eating here."

\* \* \*

Freddie was getting ready to go outdoors and play. "All right, grandma," he said, "give me my don'ts."

\* \* \*

Before Victory is won, we've got to build more, fight more and buy more War Bonds.



When a tank crashes through the tropical undergrowth on a South Pacific Island and blasts a dishonorable Nip machine gun nest to their ancestors or the tanks pushing back the Germans in Italy lumbers along the bombed roads, you helped put them there because they might be using wheels cleaned at F. I. Jacobs Co., Detroit, on the American No. 2 Wheelabrator Tablast pictured above.

