

PUBLISHED FOR AND BY EMPLOYEES OF  
AMERICAN FOUNDRY EQUIPMENT CO.  
MISHAWAKA, IND.

VOL. 2 NO. 3

MARCH, 1943

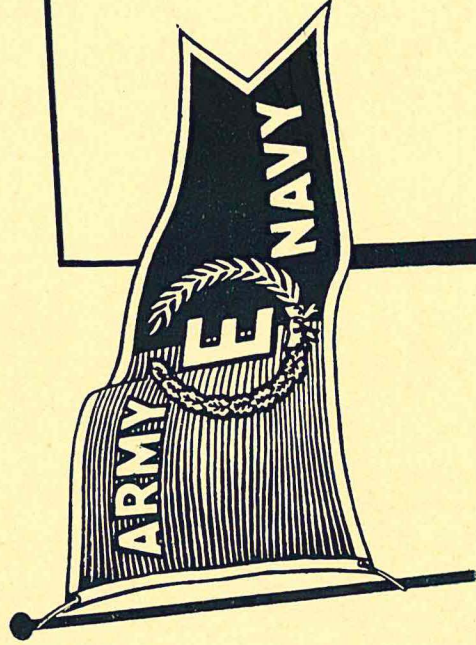
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# AFECO WINS ARMY-NAVY "E" PRODUCTION AWARD



WAR DEPARTMENT  
OFFICE OF THE UNDER SECRETARY  
WASHINGTON, D. C.

**A**WARDING of the Army-Navy "E" to the men and women of AFECO for "great accomplishment in the production of war equipment" was the gratifying announcement made by the U. S. War Department March 20 in a letter from Robert P. Patterson, Under Secretary of War.

Presentation of the high production award will be made at the plant April 16 in an impressive program which will feature high ranking Army and Navy officers.

Since less than 2 % of all industrial plants engaged in war production have earned the coveted "E" award, we are extremely proud of the honor which will be bestowed upon us. We will recognize it as an incentive and inspiration to continue our pledge made in the spirited "Work to Win" program of last November.

To the Men and Women  
of the American Foundry Equipment Company  
500 South Byrkit Street  
Mishawaka, Indiana

This is to inform you that the Army and Navy, on the recommendation of the War Production Board, are conferring upon you the Army-Navy Production Award for great accomplishment in the production of war equipment.

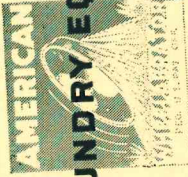
This award symbolizes your country's appreciation of the achievement of every man and woman in the American Foundry Equipment Company. It consists of a flag to be flown over your plant and a lapel pin which each of you may wear as a sign of distinguished service to your country.

I am confident that your outstanding record will bring victory nearer by inspiring others to similar high achievement.

Sincerely yours,

Robert P. Patterson  
Under Secretary of War

March 20, 1943



**AMERICAN FOUNDRY EQUIPMENT COMPANY**  
*Mishawaka*  
*Indiana, U.S.A.*

Cable Address:  
 AFECO - MISHAWAKA

March 23 of American's  
 35th year - 1943

Hon. Robert P. Patterson  
 Under Secretary of War,  
 Washington, D. C.

My dear sir:

I wish to acknowledge your communication of March 20th conferring upon the Men and Women of the American Foundry Equipment Company the Army-Navy Production Award for great accomplishment in the production of war equipment.

You may be assured that our employees feel highly honored and grateful for this outstanding recognition of their efforts in support of their brothers, fellow employees and friends in the Armed Forces of our country.

This devotion to our cause of freedom has inspired the Men and Women in our plant in their achievements and, in their behalf, let me add that their pride in flying the "E" flag and wearing the lapel emblem will spur them on to the greater effort required to earn the flag stars.

Sincerely yours,

O. A. PFAFF  
 PRESIDENT

OAP:MH



BLAST CLEANING EQUIPMENT    WHEELABRATOR    THE AIRLESS METHOD OF ABRASIVE BLASTING    DUST-TUBE COLLECTORS    SAND CUTTERS    ROD STRAIGHTENERS

**THE ARMY-NAVY "E"  
 HOW IT  
 IS EARNED**

In 1906 the Navy instituted in the Fleet an award for excellence in gunnery known as the Navy "E". This award was never easily won nor lightly bestowed and it became and has remained a matter of deep pride to the men of the service who receive it. Since World War II and the great demand for production, the "E" has been given to those organizations which showed excellence in producing war material.

Every plant engaged in war production and construction for the Army or Navy is eligible for the Army-Navy "E". This production award is conferred for quantity and quality of output, over-

coming production obstacles, avoidance of work stoppages, maintenance of fair labor standards, training of additional labor forces, effective management, satisfactory records on accidents, health, working conditions and plant protection, the utilization of sub-contracting facilities, and record of absenteeism.

The Army-Navy Production Award stands today as our fighting forces' recognition of exceptional performance on the production front . . . of the determined persevering, unbeatable spirit which can be satisfied only by achieving today what yesterday seemed impossible.

Wherever the Army-Navy Production Banner flies, wherever workers wear the "E" pin, there American men and women are winning the battle of production. That's us!

1224

# BY DIRECT WIRE FROM WESTERN UNION

CLASS OF SERVICE  
This is a full-rate Telegram or Cable-gram. Its character is indicated by a suitable symbol above or preceding the address.

SYMBOLS  
DL - Day Letter  
NT - Overnight Telegram  
LC - Deferred Cable  
NET - Cable Night Letter  
Ship Radiogram

J. C. WILLEVER  
FIRST VICE-PRESIDENT

NEWCOMB CARLTON  
CHAIRMAN OF THE BOARD

A. N. WILLIAMS  
PRESIDENT

MARCH 22, 1943  
GOLDEN BEACH, FLORIDA  
REC'D. 8:29 A. M.

Time of receipt is STANDARD TIME at point of origin. Time of destination is STANDARD TIME at point of destination.

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of destination is STANDARD TIME at point of destination.

TO ALL EMPLOYEES OF  
AMERICAN FOUNDRY EQUIPMENT COMPANY

MY WARMEST THANKS AND APPRECIATION TO EACH EMPLOYEE IN OUR ORGANIZATION WHOSE SPLENDID TEAM WORK HAS CULMINATED IN SUCH WELL MERITED RECOGNITION. WHENEVER YOU SEE THE PENNANT FLYING FROM THE FLAG STAFF YOU WILL FEEL A SENSE OF PERSONAL PRIDE IN THE PART YOU PLAYED IN WINNING THE ARMY AND NAVY E. I SHALL PLAN TO BE WITH YOU WHEN FORMAL PRESENTATION IS MADE TO SHARE IN THE HONOR CONFERRED UPON YOU AND OUR COMPANY.

VERNE E. MINICH  
CHAIRMAN OF BOARD



## AMERICAN FOUNDRY EQUIPMENT COMPANY

*Mishawaka*

*Indiana, U.S.A.*

Cable Address:  
AFECO - MISHAWAKA

March 22, 1943

This is a grand tribute to all American Foundry Equipment Co. employees for their excellent war effort. My heartiest congratulations.

O. A. PFAFF  
Pres. & Gen. Mgr.

Speaking for fellow employees, J. Robert Bunch, President of the Union, Local No. 995 U.A.W.-C.I.O., said, . . . . .

"All employees at American Foundry Equipment Company can feel very proud that their company has been awarded the Army-Navy "E". Without thought of any reward, other than knowing they had a job to do, these people have contributed not only their skill and labor but 10% of their payroll as well toward the winning of the war."

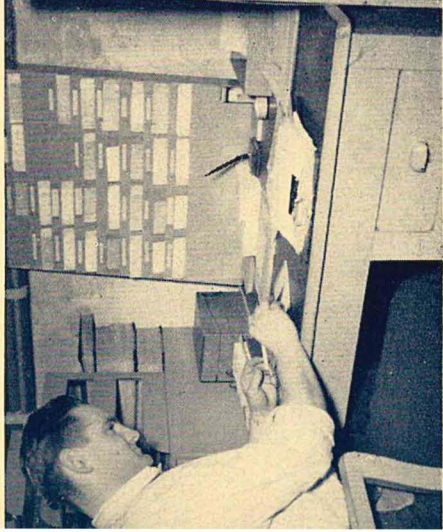
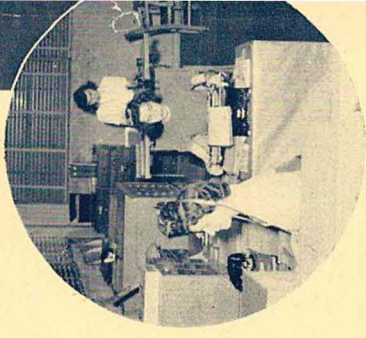
# Turning the Heat on the Axis with Electric Air Heaters

Producing Electromode electric air heaters for Army, Navy and vital industrial users is keeping the Electric Air Heater Co., division humming at an unprecedented rate.

Moving into their new building in 1941, when the demands for home and industrial heaters literally pushed them out of their crowded quarters (this space is now occupied by the tool room) they are now equipped with modern manufacturing facilities enabling high speed production.

Electric heat is not new, but the Electromode principle, wherein a heating element is cast in aluminum, has developed this type of heating to a point where it is practical and economical for all heating requirements. Post-war plans for the home of tomorrow include electric heating and the Electromode with its pre-war development will be ready with the best.

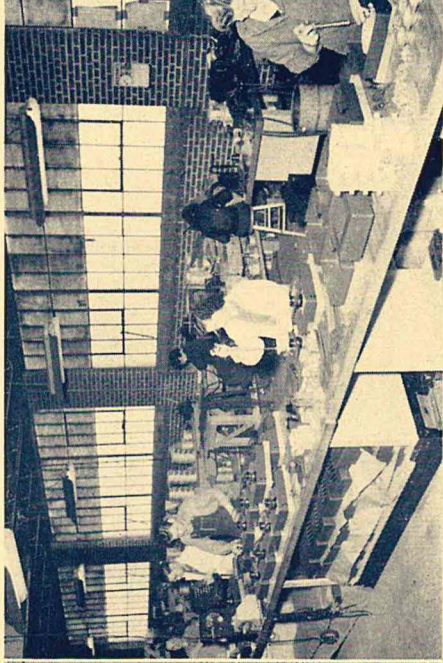
In the meantime, heaters are being built for the Army Signal Corps., the Navy is using Electromodes for "hush-hush" purposes and industrial users with high priorities are receiving various sizes and types for a wide range of applications.



**Ivan Nelson**, assembly foreman, checks production orders and makes out his daily work schedule.



View of the straight line assembly bench for the Signal Corps heaters.



**Mary Chamberlain** finishing cast aluminum heating elements with a hand disc grinder.



**Kenneth Bro** operating she steel fab



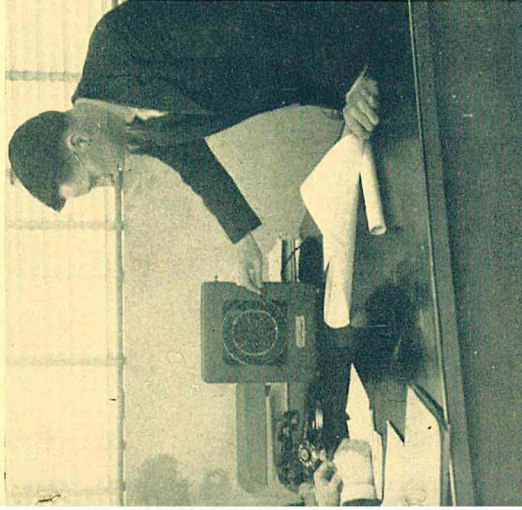
**Ilda Koczorowski**, former beauty shop operator, forms tubular type heating elements.



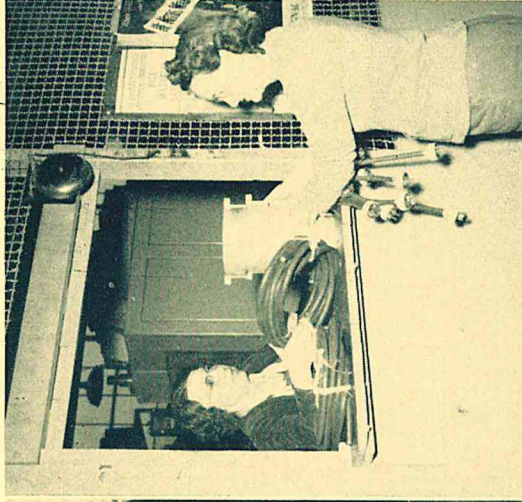
Drilling and tapping operations on the cast aluminum heating elements keeps **Helen Rodgers** busy.



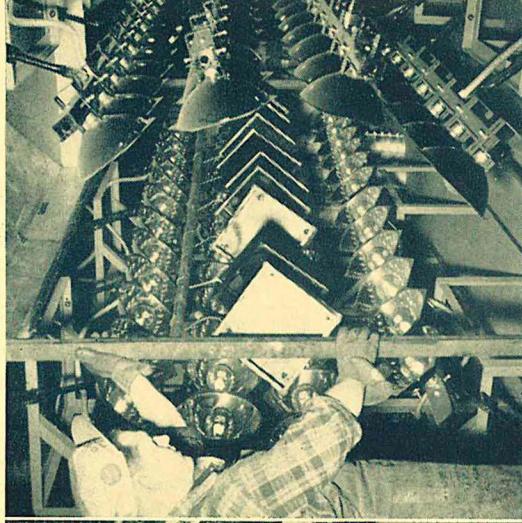
**Lillian Guidi** finishing heater sub-assemblies.



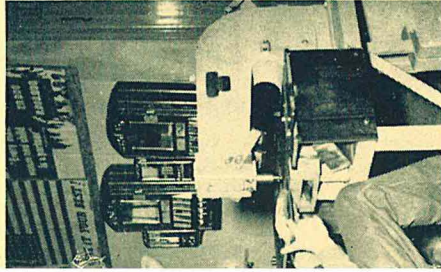
**Ernst, Gladys James and** Irrington, handle the office drafting and hundreds of details of the busy plant.



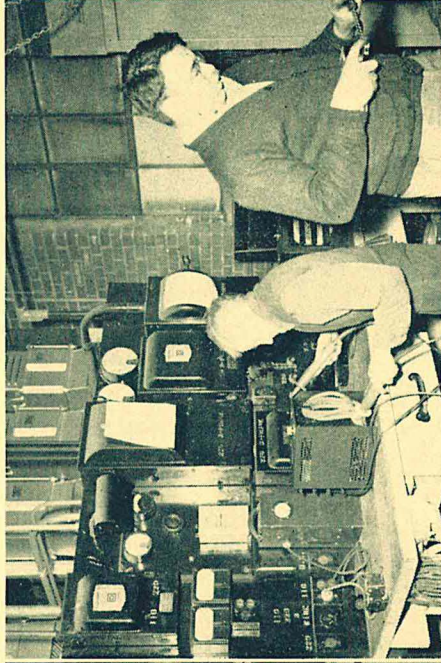
**Matie Nielsen, stock room clerk,** hands out material to **Mary Wagner.**



This bank of 100-250 watt infra-red lamps has reduced the time of baking finished enamel on cabinets from one hour to only ten minutes. **Gerald Brunk** removes a rack of finished cabinets.



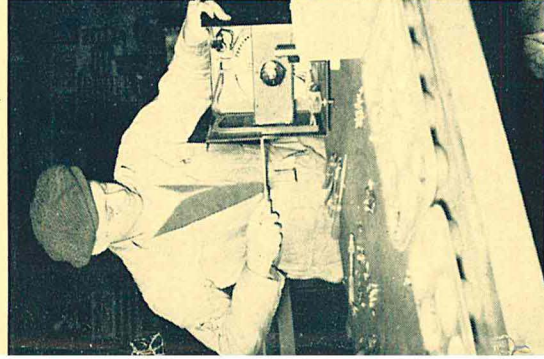
**John Goss,** an eight year veteran, assembles an Electromode Signal Corps heater.



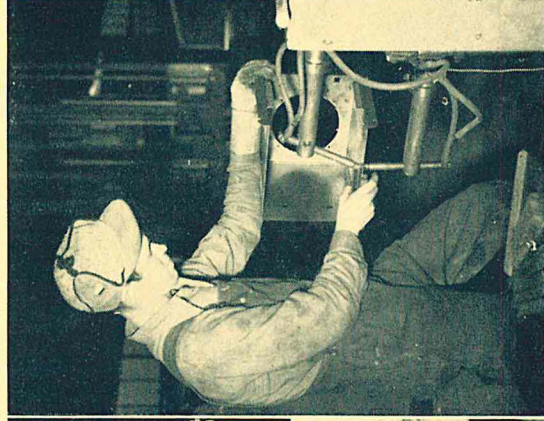
At this extensive test bench, heaters are given a final test and inspection. **Rollo A. Leeper** and **Eddie Huntsinger** are in charge of inspection.



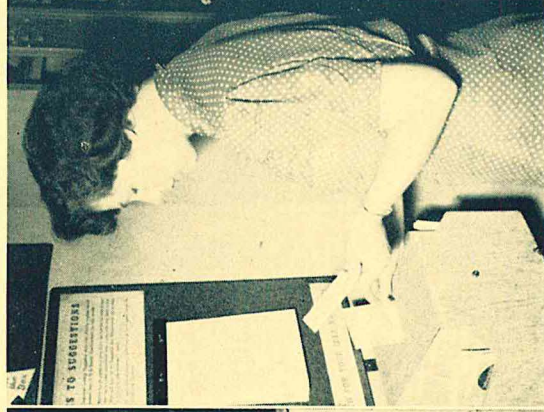
Pondering over a blue print of a new design heater is **Kenneth Magnuson,** sheet metal foreman.



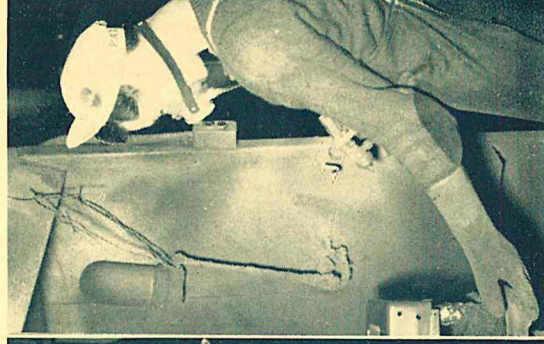
**Eugene Oke** spray painting prime on heater cabinet. The two enamel finish coats are also sprayed.



Sheet metal cabinet frames are spot welded for quick assembly by **Kenneth Brown.**



**Eugenia Hartley** drops an idea for a production short-cut into the Suggestion box.



# T U R N Y O U R *Imagination* I N T O M O N E Y V I A T H E S U G G E S T I O N R O U T E

## • *Apply the Same Common-Sense Rule That Made Burbank a "Plant-Wizard"!*

**P**EOPLE are fond of calling Burbank a "plant wizard". To the man himself any suggestion that his success resulted from anything but normal powers was unwelcome.

Burbank was an able business man in addition to being a creative botanist. Over and over he proved his ability to solve the unusual business problems which occurred in his work.

As a young man he did not stand out among his fellows. "On the contrary," we read in a biographical sketch, "he was rather below the average size and not at all robust. He worked in a plow factory for fifty cents a day, clerked in a furniture store, and started out to study medicine.

Then a long siege of ill health, caused by a sunstroke, overtook him; and in 1875 he went to California to regain his strength and to acquire a seed farm". He saved the larger part of his wages so that he might own a nursery of his own.

### **Wanted: 20,000 Prune Trees**

Three years passed before Burbank's first great chance came. An impatient fruit grower was visiting one nursery after another to secure 20,000 prune trees. As though the order itself were not staggering enough, he coupled it with this stiff requirement: the trees must be delivered ready for planting within ten months.

"Impossible" said one nurseryman after another. Out at Santa Rosa, Burbank heard about the order and went after it.

The prune trees had to be started immediately, but prunes wouldn't sprout at that time of the year. To make a beginning, Burbank planted almonds and then came the demand on him for an "infinite

capacity for taking pains". He had to select special soil. He had to cover the germinated almonds with cloth, and as they poked their green spikes above the earth he had to remove them one at a time to nursery rows.

Twenty thousand almond trees couldn't go wrong.

Next he needed prune buds with which to work his 20,000 miracles. When the young almond trees were well along, the prune buds were grafted into them. The tops of the young trees were broken off to force new growth.

In less than seven months, Luther Burbank delivered 19,025 prune trees ready for planting.

Let us look closer at this combination of creative thought and action. Some of the characteristics we observe are these:

1. Willingness to attempt the impossible.
2. Intense concentration.
3. No worship of precedent.
4. Knowledge.
5. Persistence.

If we examine these characteristics again, we find that none seems to be beyond the reach of the average man. They are all qualities that can be cultivated.

Burbank himself held this belief: "It is not difficult to start in business and make the business profitable. The main-springs of business success, in my opinion, are concentration and persistence . . . It has been proved time and again that the normal man has in him the latent capacity for far greater things than he accomplishes in his daily routine. It is only a question of arousing this capacity and establishing the habit of putting it to its best uses constantly."

## THESE SUGGESTIONS ARE *Money* Winners

### **This One Hit the Jack Pot \$50.00 Award**

Suggestion No. 225—Standardize all engineering prints to shop to include exact machining tolerances of all parts. This will eliminate guess work and lost time formerly required in checking drawings for machining dimensions.

### **Reduce Operations**

Suggestion No. 184—Provide gauges for laying out holes which are to be punched. Only one piece need be marked, gauge then set and other pieces punched according to pattern.

### **Split Housings Vertically**

Suggestion No. 141—Redesign Wheelabrator hub seal housing assembly to

split them vertically instead of horizontally permitting their placing and removal without lifting the shaft.

### **Labor Saver**

Suggestion No. 676—The two pan type cover plates for use on 27" x 36" Wheelabrator Tumbler be replaced by flat sheet steel covers. Reduce manufacturing operations and amount of critical steel needed for the job.

### **Faster Assembly**

Suggestion No. 1234—Redesign of bracket for push button station on 48" x 42" Wheelabrator Tumbler to enable faster assembling and eliminate use of considerable steel formerly required.

## SUGGESTION WINNERS

J. Robert Bunch	C. H. Richards
Homer L. Byrd	Riley B. Roberts
James K. Davidson	George A. Simmons
Eugene Highway	C. A. Soens
Stanley M. Hes	August Weinkauff
Lynn I. Hoke	Delbert Smith, Jr.
Ray Hutchins	Richard M. Kline
Otto Morgan	V. E. Valentine
George A. Morin	George Reith

★

## Unclaimed Awards Turned Over To Servicemen's Gift Fund

According to the regulations printed on the slip attached to each suggestion blank, winning ideas will be posted on the reply sheets three times and once in "American Parade" magazine, after which they are turned over to the Servicemen's Gift Fund.

This has happened to ideas No. 188, 198, 338, and 1812. We have accordingly turned over the money to this fund.

At the present time the award for Idea No. 1380, has not yet been claimed. If the winner of this idea does not present his stub within a reasonable time, the award will be turned over to the Servicemen's Fund.

## UNION OFFICERS FOR 1943

### *President:*

J. Robert Bunch

### *Vice President:*

Frank Miles

### *Financial Secretary:*

Vernon Valentine

### *Trustees—3 years:*

Riley Roberts

### *Trustee—2 years:*

Ebal Chafie

### *Bargaining Committee:*

John Bowers

Denver Johnson

Al Blaskie

### *Sergeant at Arms:*

Clarence Kelly

### *Guide:*

Eugene Highway

★

## From the New President:

I want to take this opportunity to thank the members of Local No. 995 for my reelection as President for the coming year. I promise good, clean administration.

As a representative of the Red Cross War Fund Drive, I congratulate all AEFCO employees for their generous contributions. Our average per capita donation amounted to approximately \$2.15, which I believe exceeded all other industrial plants in Mishawaka. Once again American Foundry Equipment Co. leads the Parade.

*J. Robert Bunch*

## • Shop Bits •

### STEEL SHOP

Denver Johnson  
Bill Simms

#### For Sale:

One town property by Ray Davis. It has been reported that the neighborhood in which he lives is getting too high class.

\* \* \*

#### First a Daughter Then a Son And the World Is Well Begun

Tuesday, March 2, Norman Ritel Geist, 8 lb., 10 oz., joined the Bill Geist family and Bill, one of our second shift rod burners, cannot seem to realize that at last he is a man. Another welder, Bill!

\* \* \*

#### Proud Parents

There's a new girl at the Jesse Whitaker home. Sandra Sue, born February 21. Congratulations!

\* \* \*

#### Missing In Action

Pfc. William D. Hoover, son of George A. Hoover and brother of Everett Hoover, both AFECO steel shop employees, has been reported missing in action since February 17.

\* \* \*

#### Report of a Report

The last report from Basil "Jim" Powell of the U. S. Army Signal Corps, wasn't good. It seems Jim had a two day leave so he went into town, which was Joplin, Mo., and put up at a Hotel and got himself a good nights sleep but when he awoke his clothes were all gone. They sure must play a mean game of Strip Poker down there, don't they, Jim?

How Jim got back to Camp must remain a military secret.

\* \* \*

#### Speed Plus

Here is a fast one. One of our night electricians, Ray Bray, says while out for a ride the other day a ten wheel truck passed him rather fast and he in turn speeded up to see how fast the truck was traveling and had to drive 95 m.p.h. for three miles to pass the truck.

Now we don't doubt a word of this but do think that instead of a truck it must have been a flying fortress as we all know Ray would not tell a long story about anything but I do think that poor old Bill Wingate would hang his head in shame at this one. Sounds a bit like the Buick at 80 m.p.h. in second gear.

★

### HEATER DEPARTMENT

Virginia Ernst  
Kenneth Magnuson

Hilda Koczowski who used to run a Beauty Parlor is now with us bending rods. When asked if she would rather bend rods or curl hair, she said she couldn't pull women's hair so hard and get away with it, but then she doesn't have to take any back talk from the rods.

When June rolls around, Robert Mow will be prepared to carry his new bride across the threshold of their own home. He recently purchased an Osceola mansion for that purpose.

★

### EXPERIMENTAL DEPARTMENT

Paul Bessmer

We welcome Tom J. Hutchinson, Jr., our new metallurgist. Tom, a local boy, was graduated from Purdue University in 1940 with a B. S. degree in Chemical Engineering.

Prior to his coming to AFECO, Tom was employed at the RCA Mfg. Co., Indianapolis, Ind. Mr. and Mrs. Hutchinson reside at 1511 Lincoln Way East, with their eighteen month old son, Thomas Hutchinson, III.

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### OFFICE

Marjorie Frazee

Ray Steele passed out cigars last week—the occasion the arrival of Michael Steele. Father doing fine.

\* \* \*

Our Editor—Bob Schalliol, paced the hospital halls this week, doubling for his brother Dick, a Captain in the Army, at the arrival of his niece. Uncle doing fine.

\* \* \*

The local Woolworth dime store yields its former manager to our Parts Service Dept. Charles Richards, a former Clevelander, married, and the father of two girls, will make a good addition to the many golfing foursomes that are made from the office each summer evening.

\* \* \*

Unusual accomplishments include that of Margte Frisz, who is a machinist. She

learned in her father's machine shop. After finding out how to make simple set-ups of her own and learning quite a bit about machining, she decided not to make it her life's work.

\* \* \*

### Sandwich of the Month

To keep packing an interesting, varied and nutritious lunch box each day is a problem so many of us are faced with today. So I looked around at the various lunches displayed each noon, asked questions about the interesting and unusual items in some lunches.

One girl was eating a delicious looking sandwich which she said was made like this:

Heat 2 tablespoon fulls of butter or cooking fat in a skillet. Add 3 tablespoon fulls of tomato pulp—heat tomato, add 1 egg—stir mixture until egg is cooked. The mixture will be grainy in appearance.

Spread mixture on whole wheat bread, add a lettuce leaf—result—Yum-Yum. It doubles equally well for a real he-man building Wheelabrator or a girl pounding a typewriter. (P. S.—I tried it too—).

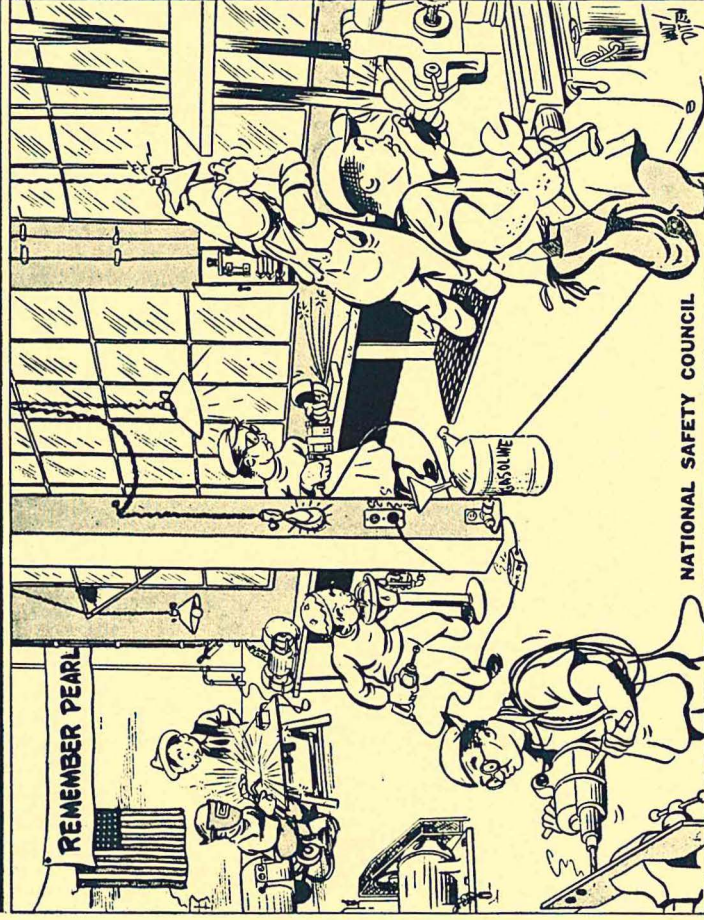
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### Ed Huemmer Wins Safety Contest

"It pays to keep your eyes open". Ed Huemmer, our mail boy, who passes through every department several times daily, found this out by submitting the largest list of safety errors in last month's contest.

Let's have more entries in the new contest. Safety errors in the cartoon below fairly pop out—how many can you find? Here's one mistake no AFECO employee would make: Inserting a screw driver in a live electric socket to make repairs. Now go on from there—contest closes April 15. Drop your entries in a Suggestion Box.

### WHAT'S WRONG WITH THIS PICTURE?



NATIONAL SAFETY COUNCIL

# Victory Cartoons by World War I Veteran

Recollections of his own fighting days during World War I flash into George A. Simmons' mind as he reads and draws of the Allies' exploits of today. Staff Sergeant on the 86th Day Bomber Squadron, he was a member of hundreds of successful bombing parties—destroying ammunition dumps and other vital German fortifications.

Top speed in the old Hanley Page planes of 1917 was only 90 miles an hour with firing power limited to Vickers .30 cal. guns and 500 pound bombs. Contrast that with the heavily armored, fast flying planes of today—World War I—flying was no picnic.

Besides 14 months of active duty across, George remained in the Army after the war until 1928 serving as Master Sergeant on the Mexican border patrol.

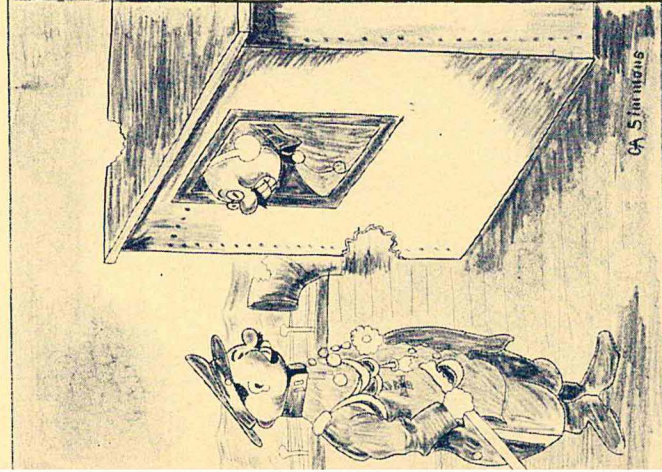
Now 43 years old, with a family of two children, George is unable to get back into the service in which he had spent 11 years. Instead, he is doing his share to win this war in the AFECO stock room.

"Cartoon drawing and painting", he says "are just a hobby—a means of passing the time and entertaining the children". Crayon drawings on the wall paper and wood work at home as a child started him on his way. School books and tablets soon were filled with cartoons and sketches. Later on came oil paintings and pastels—mostly of landscapes.

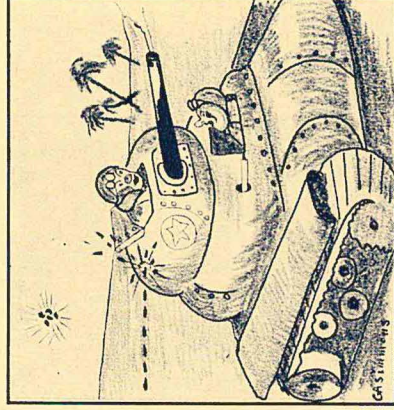
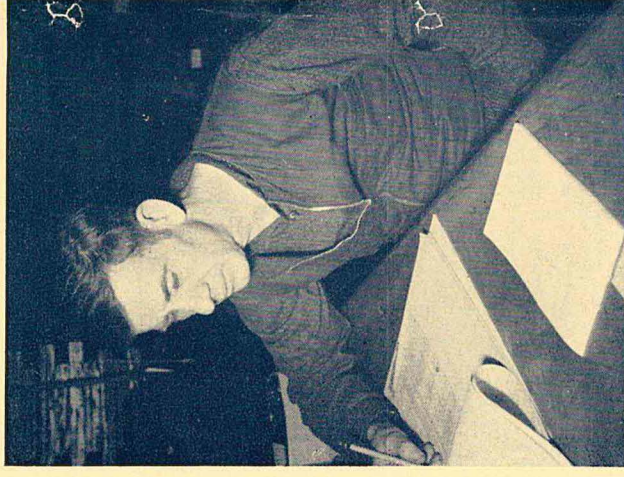
His hopes for studying art were blasted when Uncle Sam called him to help win the war in 1917 and he has still been unable to realize his ambition.

But he promises to furnish us with timely cartoons as he is able to complete them. With his rich background of war experiences, translated into original cartoons, George Simmons will be making a valuable contribution to our all-out victory program.

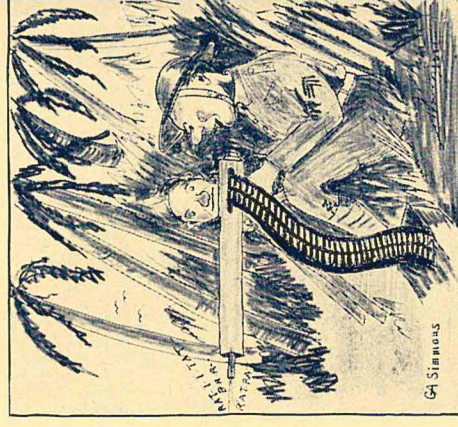
"Hon. Spy report from Mishawaka, U.S.A.— Says AFECO now pay cash for ideas to increase production. Most humbly asks if Admiral has any suggestions that might hit the Hon. Jackpot?"



GA 5 in Simmons

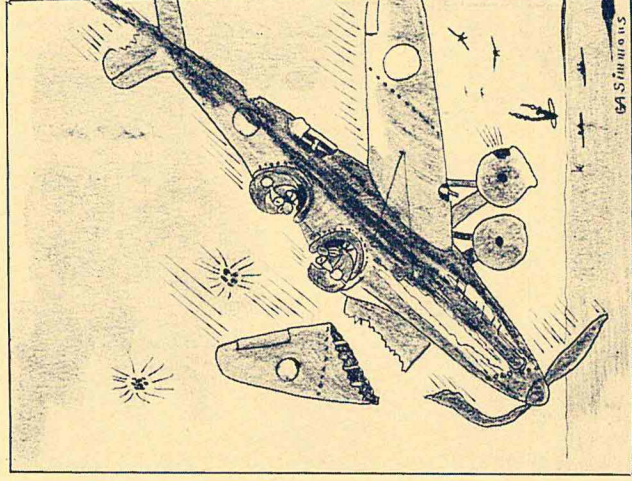


"Yeah, yeah, I know; you worked for the AFECO and this reminds you of a 48 x 48 Wheelabrator Tumbler!"



"Makes me kinda homesick, reminds me of Joe Ascai building a rod straightener".

Hon. Headquarters Radios report they have pick up message from spy in Mishawaka U. S. A. Most pleasant report. 100% of American Foundry Equipment Co. employees now setting aside 10% of pay to buy Bombs for Hon. Tokyo.



"Come on, that dough you earned with your noodle will just pay these bills for some new duds for ME!"

