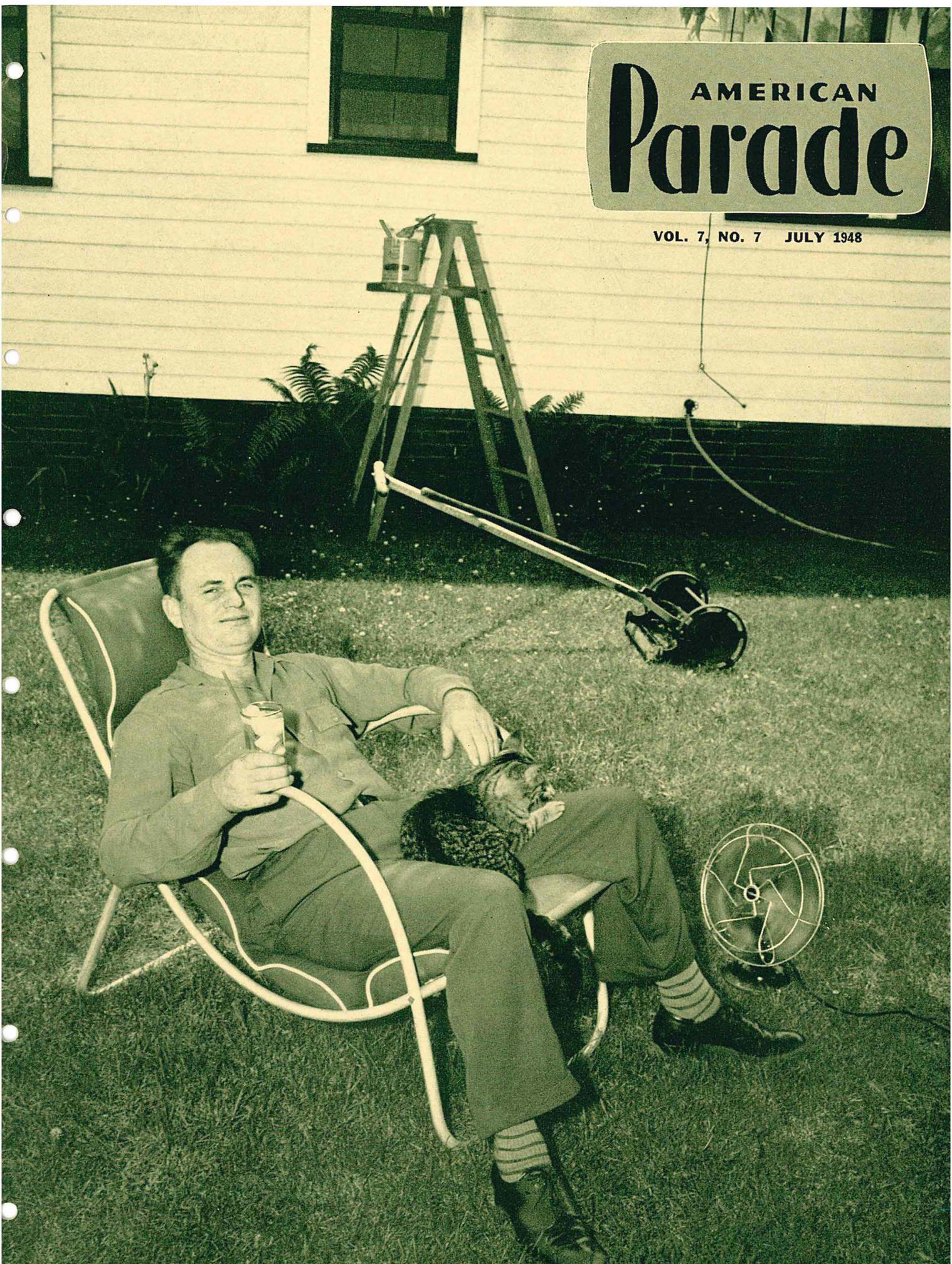
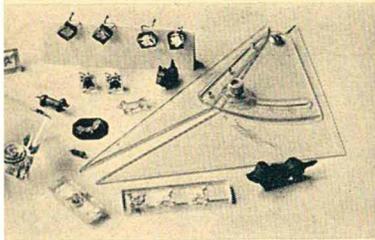


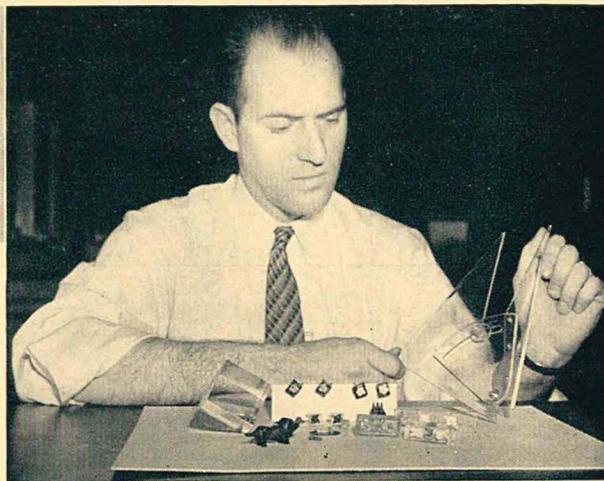
# AMERICAN Parade

VOL. 7, NO. 7 JULY 1948





John Walters holds a lucite draftsman's protractor in his hand. The dark colored dogs are carved from wood, the other items are all plastic.



## Plastic Gadgets

JOHN WALTERS of the engineering department is a man of several accomplishments and hobbies. But, to keep from becoming too involved, this story is confined to his hobby of working in plastic. It's a rather expensive hobby, for a sheet of lucite or plexiglas, 1/8" thick costs about \$1.75 a square foot, and thicker pieces cost more.

For some time John had been carving animals and similar items from wood, ebony, walnut, etc. Now he uses lucite, as well.

These labors led to making gadgets such as earrings, broaches, and paper weights. John takes a chunk of plastic and, using a dentist's drill, works the piece around until the design suits him. From the top and sides it appears that a white flower or other design is set into the solid block of lucite. Sometimes the designs are colored with plastic dye. Then a backing is laminated to the piece to protect it; earrings fasteners or broach pins are cemented to the piece and milady has a new bit of jewelry.

John intends to sell the earrings for \$1.75 a pair, and the broaches from \$1.50 to \$5.00 depending upon the size and design. If you want an individual piece, give John your own design and he will try to make it for you.

In December of 1946 — the date is on the piece — John made himself a draftsman's protractor. It took him about 5 hours to complete this from clear lucite. Since John came to work here in February,

this item has become so popular with the other men in the engineering department that he is tooling up to make them to sell for a reasonable price.

In making this instrument, the pieces will be cut out, and with tools John has designed and built, they will be marked for the calibrations. As lucite scratches readily, after a piece is made it must be polished with a tripoli and white diamond paste stick, using a muslin buffing wheel.

**It's picnicing time and it's all free. August 8 at Christiana Lake.**

### RESEARCH

Reported by: Paul Bessmer

Inflation Notes: HENRY SCHULTZ and PAUL BESSMER have new lawnmowers. The mow the merrier they say.

KENNETH CLARK has a new pair of shoes which he kindly removed six (6) times in one day to show the superior built-in features.

DON MAY, JR., and TOM GREEN have new suits and a mighty sharp set of threads too, we may add.

MAXINE CARY is getting forgetful lately. She recently parked her car out at the gate and walked back to the research department.

The Research Department was well represented at Indianapolis, Memorial day. Both JOHNNY DAVIS and CARL RITTER, along with their families, attended the auto classic.

KENNETH CLARK: "If that's so, I'm King Tut."

PAUL BESSMER: "Knewed him well, knew him well."

VERN VALENTINE: "So did I. I even knew his mummy."

### MACHINE SHOP

Reported by: George Walters, Bob Newsom, Don Karnes

What some people will do is not always to be predicted, for instance: No one in the machine shop would have predicted that CHARLES SMITH would drive 250 miles to a picnic . . . even if the picnic was at his old home town in Southern Indiana.

If you hear the notes of "A Pretty Girl Is Like A Melody" — it is probably being whistled by BOB GAY for JOHN BARNA to dance a jig to.

The circus came to town and some people "took their children to see it" and some people were honest and just admitted that they enjoy the "greatest show on earth." HAROLD NULL, MAURICE ROELANDTS and WAYNE THOMAS were all under the big top for a performance the first night.

Another ardent Blue Sox fan is SAM WEST. He would make a good press agent, because he is so enthusiastic.

During their supper period SID BRUGH, MATT BALINT, and GEORGE WALTERS usually play pinochle. Sid is the acknowledged expert on the game now, since he laid down a meld that totaled 1830 points (they were using a single deck). Sid had been dealt two runs, double pinochle, and a marriage.

Anyone knowing a method whereby a blonde can tan rather than burn should contact GORDON MENZIE — Gordon has tried everything, but still burns.

Representing AWECO (unofficially) at the Indianapolis speed races were, among others: EVERETT WILLIAMS, ROBERT GIBBENS, JAMES CURTIS, BILL HAAS, KATHRYN GLASS, GEORGE SCOTT, JR., CLAY FISHER, and MAURICE VAN POELVOORDE.

The HUBERT HENSLEY's have a new tax deduction, Hubert, Jr., who arrived June 22.

## American PARADE

Published for Employees of  
American Wheelabrator and Equipment Corp.  
Mishawaka, Indiana

VOL. 7, NO. 7 JULY 1948

MARJORIE E. FRAZEE  
Editor

Member of  
St. Joseph Valley Industrial Editors Assn.  
American Association of Industrial Editors  
Chicago Industrial Editors Assn.  
International Council of Industrial Editors

## On the Cover

The cover picture was posed by WILLIAM TED COPP, Class A sheet metal worker on the night shift, and "Nibby" the cat.

# PEOPLE and EVENTS in the NEWS

▼Did you ever have a new employee walk into your department with that sort of "all gone" look on his face? And you walked over to him and gave him a cheery greeting — said you were glad to have him around the place, and showed him the ropes.

At lunch time, you introduced him to some of the others in the department, and in no time at all he began to feel that he "belonged". Then, as you walked out the gate at quitting time, he told you that he had never before worked with as friendly a group of people.

If you have, you are a salesman for AWECO and yourself, and you did a good selling job that day, for you sold yourself and your fellow workers to that new employee.

You were new at the job once yourself, remember? Being friendly is the quickest way to make people like you. And a lot of friends makes life more pleasant.



▼In order to help the local high school arrange vocational training courses that will really fit students for industry, a Vocational Advisory Committee was set up last year. AWECO's representatives on this Committee are Consulting Engineer D. C. TURNBULL, and RAYMOND HUTCHINS, Recording Secretary of Local No. 995 UAW-CIO.

The Committee — representing four industries in Mishawaka—advises the school administration on such problems as: courses to be offered in Vocational Edu-

cation, equipment to be purchased, building facilities, the adult program, and assists in developing the vocational program in the community.

As an aid to encouraging vocational students, this Committee instituted awards for the outstanding student in shop courses. The awards consist of a plaque and tools pertinent to the trade.

At graduation time this year, the first awards were made. They went to:

- Warren Bradley, drafting
- Al Hoerstman, machine shop
- Bob Geisler, print shop
- John Hoffman, pattern shop

The awards were paid for from a fund contributed jointly by the managements and labor unions of the industries represented.

In addition to serving in an advisory capacity during the year, Mr. Turnbull made a survey of the school's drafting department and made recommendations for betterment. Recommendations for improvement of the pattern shop were made by Mr. Hutchins.



Worker contacted pneumonia, and was in the hospital 5 days.	
Actual hospital bill .....	\$66.60
Insurance paid hospital and incidentals .....	50.00
Insurance paid worker indemnity for time lost from work at \$15.00 a week .....	23.57
Total	\$73.57

Insurance cost to employee: 40c a week, or one half the premium. The Company pays the other half of the insurance premium. Total cost to worker if he had not had sick and accident insurance: \$66.60, plus wages lost.

▼Is it worth a quarter to you to be sure?

To be sure you do not have tuberculosis?

Five thousand people in Mishawaka alone are not sure. Since 1945 a total of 67,886 individuals in the Mishawaka-South Bend area have had chest X-rays taken — but that leaves more than 73,000 people over 15 years of age yet to be reached.

TB is curable — BUT it's also contagious. You may have it and not know it for TB can exist without any symptoms, therefore it is necessary to search for it among groups of apparently well people. You may be exposed to it every day through those you come in contact with — people who endanger your health, happiness, and livelihood. It is estimated that there are a quarter-million undetected cases of TB in this country.

The X-ray unit belonging to the State of Indiana will be in this area for two months, so when it is near you, insist upon your family, friends and fellow workers taking the few minutes necessary to have an X-ray made. The chances are you don't have TB but have an X-ray taken so you can be sure.

Here's where the work is being done:

August 3	Center Township School, Road 31 South—3:00 to 9:00 PM
August 5	Osceola School — 3:00 to 9:00 PM
August 6	L. O. Gates, 202 Lincoln Way East, Mishawaka — 9:00 to 12:00 AM, 1:00 to 6:00 PM
August 9	DeAmicus Club, 302 West 11th St., Mishawaka—3:00 to 8:30 PM
August 10	Battell School Basement, 904 N. Main St., Mishawaka—3:30 to 8:30 PM
August 11-14	4H Club Fair, Playland Park—3:30 to 10:00 PM
August 16-20	Tuberculosis League Office, 319 S. Main St., South Bend

# 14 Years' Continuous Employment at AWECO



Roy W. Guite  
Chief Design Engineer

1934 — that was the year John Dillinger was killed by U. S. Department of Justice Agents, Adolph Hitler became Chancellor of Germany, the war between Ethiopia and Italy began, Congress voted independence for the Philippine Islands, and the N R A was in full swing.

To eight men who work at *American* 1934 was important, for it was the year they first came here to work . . . and have remained ever since. They are men from various branches of our operations, men who have contributed to the growth of this company, men who have grown with the size and importance of *American*.

Fourteen years! That's a record to which we can all look with pride.



Leslie L. Andrus  
Vice President in Charge of Sales



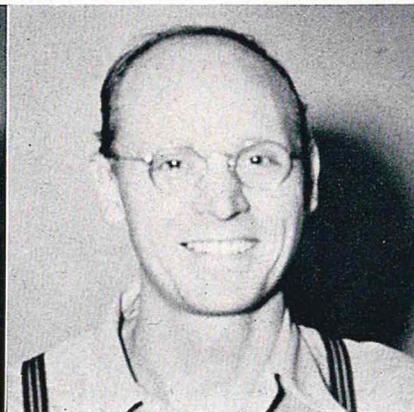
George A. Morin  
Group Leader, Arc Welders



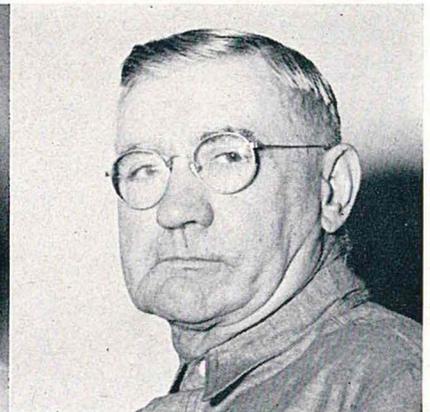
William F. Kauffman, Sr.  
Foreman, Shipping



Victor Miller  
Skill A, Steel Layout



Maurice Van Poelvoorde  
Group Leader, Stock Room



F. Emery Fleming  
Assembler, Machine Shop

# TROY T. ALVERSON

Asst. Mgr. Dust and Fume Division

TROY T. ALVERSON is the curly, gray-haired distinguished-appearing man, with the slight southern accent, who is assistant manager of the Dust and Fume Control Division.

His education required more than just study for to help defray his expenses, Troy washed dishes at Berry, a boarding prep school in Rome, Georgia. Working didn't seem to curtail his activities, however, for he made "all state" in track by running the 100 yard dash in 10 seconds (the world's record is 9.4 seconds).

Working didn't seem to hurt his academic standing either, for upon graduation he received an appointment to the Annapolis Naval Academy. But two years was

enough Navy for Troy, who resigned the appointment and returned home. By this time his parents had moved to Chattanooga, Tennessee. This motivated Troy's entering the University of Chattanooga, to pursue studies in mechanical engineering.

Along with continuing his engineering education, he combined another activity, falling in love with a charming teacher, Sydney Lamon. They were married the following summer.

Troy's first job following college, was with the Crane Co., Chattanooga, as a draftsman in the engineering department. Eighteen months later he was the plant engineer. When he resigned from Crane



he was writing "General Superintendent" after his name. He then joined Maryland Sanitary Mfg. Co., Baltimore, as general manager, and later became president of the company.

At the beginning of the war he converted this plant into a magnesium plant and sold it to the government. After this Troy was manager of the Port Arthur, Texas, division of Texas Steel and Mfg. Co., where shells for the Navy were produced.

When the war was over Troy cast about for another connection. When he learned early in 1946 that AWECO was looking for a sales representative in the Baltimore area, he applied. His knowledge of our equipment (he had purchased American equipment for Crane, Maryland Sanitary, etc.), combined with his formal education and vast experience, made him a natural to sell our line.

Because the growth of our Dust and Fume Control Division demanded the services of a man who could spend all of his time in the Mishawaka office, and because Troy's background superbly fitted him for this work, he was made assistant manager of this division in August of last year. His job involves coordinating the work of the division. This division handles all special dust collector applications — that is, all dust collectors that do not ventilate our Wheelabrator or air blast equipment.

The Alversons have a married daughter, Barbara, and a 16 year old son, Richard. When asked how he spends his spare time, there is a ready answer — "looking for a house", so he can bring his family here to live with him.

## Ideas Are Valuable

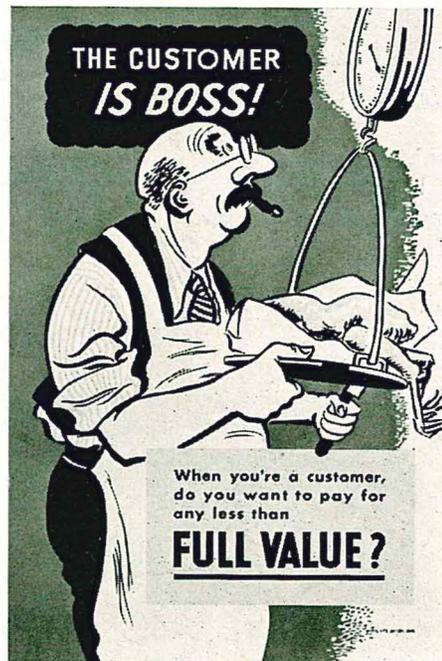
Are you throwing away your ideas — neglecting to turn them in as suggestions? Ideas are worth money — to you and to your Company. Don't let your ideas go to waste just because it takes a little effort to write them down on a suggestion form.

There's an answer to every problem. If you can't figure out the answer to your problem today, write it down on a piece of paper and put it away where it will come to your attention in a week or so. Time frequently clears some of the cobwebs out of our heads. Don't let a valuable idea get away because you don't have the answer now.

Maybe someone can give you a little help on clearing up that problem. Try any one of your supervisors, they'll be glad to help you work out that suggestion. Two heads are always better than one.

So turn in your ideas on how to produce Wheelabrator shafts, hubs, control cages, and impellers better, faster, cheaper. There is a \$25.00 bonus in addition to the regular award for the best idea. Don't throw money away — it will come in handy for vacation spending.

Get your idea in before July 31, 1948.



Be sure to read the enclosed announcement on the AA Picnic to be held August 8 at Christiana Lake.

You can't take it with you because you can't get it while you're here.

—\*—  
When the white man landed in America they found the Indians had no debts, paid no taxes and the women did all of the work . . . and the white man thought he could improve on that!

**HOW LOVELL MFG. CO.  
OBTAINED BETTER RUBBER  
ADHESION AT LOWER COST**

**I am a better wringer  
because of WHEELABRATING**

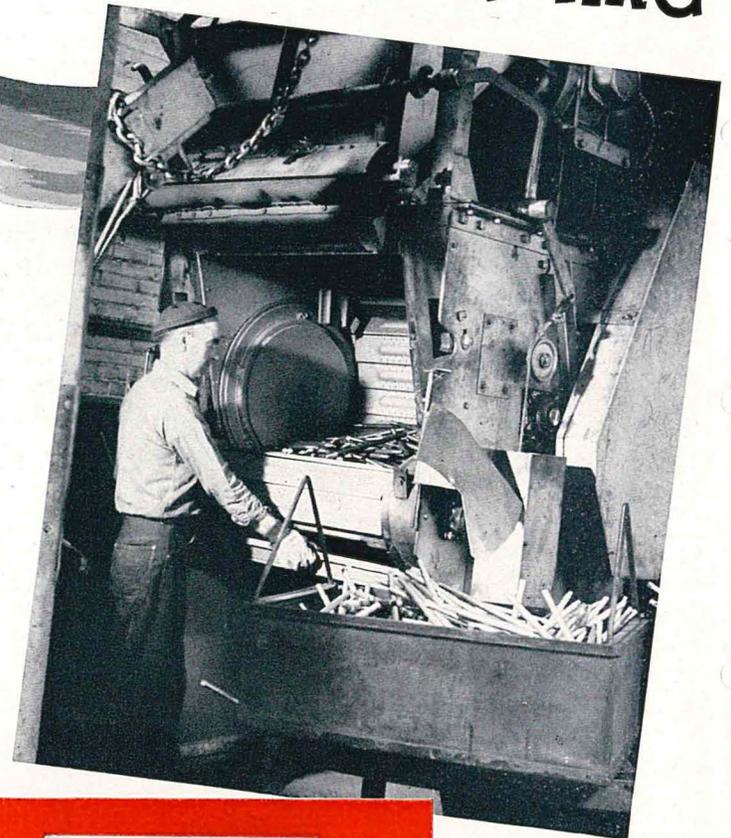
**T**O prepare wringer roll shafts prior to rubberizing, Lovell Mfg. Co., Erie, Penna., had been washing and pickling them in stainless steel tumbling barrels. These barrels, with their loads of shafts, went through a cycle of alkali cleaning, rinsing, pickling in acid, etc. At best the job was performed under disagreeable working conditions because of fumes and dampness.

Dissatisfied with this unsatisfactory cleaning method they investigated the Wheelabrator because of its use by other rubber plants for preparing metal pieces for rubberizing. A 27" x 36" Wheelabrator Tumblast (5 cu. ft. capacity) was selected as the suitable machine for their cleaning problem.

*Results?* In the words of Mr. T. O. Helberg, Asst. Gen. Supt.—“The results, insofar as adherence of rubber to the shaft are concerned, are better and more uniform. In addition the maintenance, which was frequent and costly under the former method, has been materially reduced.”

Other items used in the manufacture of wringers were previously cleaned by means of airblast barrel equipment. These items have been transferred to the Tumblast. Labor costs have been reduced and further savings have been made through faster cleaning, reduced maintenance costs and the more continuous and trouble-free operation of the Wheelabrator.

**Right:** Three stages in the production of a Lovell wringer roll. The uniformly roughened Wheelabrator shaft is in the middle.



**Above:** The 27"x36" Wheelabrator Tumblast which provided better rubber adhesion at lower cost.

**Another Famous Product Is Manufactured With Good  
Wheelabrator Equipment Built by YOU**



Harold Garman shows a group of engineers our steel shop. Second photo: Harold Schulte, engineering, acts as guide for a group viewing the foundry. Third photo: Another interested group of men viewing our foundry operations.

## SAE Engineers Discuss Shot Peening at AWECO

AWECO was host to 30 top ranking engineers at a two day meeting held in Mishawaka June 17 and 18.

The group was Division XX Shot Peening, Society of Automotive Engineers, Iron and Steel Technical Committee. All those words simply mean this group is a SAE sub-committee for promoting the standardization, use, and knowledge of peening, a

process of cold working metal parts in order to increase fatigue life of the part.

Technical papers were read by F. P. Zimmerli chief engineer of Barnes-Gibson-Raymond Div., Associated Spring Corp., and John C. Straub, our chief research engineer. A report on the recommendations for standards of peening shot was made, along with other reports, recommendations, and technical discussions.

Chairman of the meeting, the first ever held in Mishawaka, was R. L. Mattson, Assistant Head of Mechanical Engineering Research Laboratories, General Motors Corp., Detroit.

On Thursday afternoon, the group went on an inspection tour of our plant. Guides for the tour included L. L. Andrus, C. R. Cline, K. H. Barnes, A. H. Freeman, Harold Garman, and Harold Schulte.

### STOCK ROOM

Reported by: Blanche Null

Mr. Cupid has pointed his arrow and pierced BILL HASS heart. He is building a new home for her — "her" being Lenora Miller.

\*\*

We are sorry to hear that WENZEL VAN KEUREN is in the hospital and DELBERT DARE, SR. is ill in his home. We hope they improve soon and are able to return to work as did AL DE GEETER who is now working with us.

\*\*

Ernest M. Young, Jr., checked in at the home of Mr. and Mrs. ERNEST M. YOUNG, June 4.

### STEEL SHOP

Reported by: Jephthah Minnes, Lewis Carswell, Martin Boehnlein, Frank Miles

Listen to the sad tale of NORMAN BURCH who planned to paint his kitchen. Norman measured up the room and submitted the figures to the salesman. "You will need two gallons of paint" he was told. Norman bought the paint, took it home and began applying it. When he finished painting the ceiling, all of the paint had been used.

\*\*

WILBERT MITCHELL must have something on his mind. When he received his pay check, he carefully removed the stub, folded it up and put it in his wallet. Meanwhile he had slipped the check back into the envelope, tore it in half and neatly deposited the pieces in the nearest trash barrel.

Never a dull moment in the steel shop. RAY HUTCHINS was observed by a group of his fellow workers as he was cutting out a piece of felt. The observation disclosed that he chewed each time the scissors made a cut in the felt.

\*\*

JACK BOWERS took his vacation in June and spent most of it not resting, but working on the new addition to his home.

\*\*

JOHN WILLOUGHBY recently installed a new floor length window in his home. Several days later the neighbors were attracted by a loud disturbance. John's story is that his wife was doing the ironing in front of the window when the legs gave way sending ironing board and all through the window. No, John was not at home at the time.

\*\*

WALTER NELSON was measuring something using his steel rule. Somehow the rule happened to be in the way when welder BILL GEIST turned around — the welding flame bit right through the rule. Walter slipped the damaged rule back into the case, and when he returned to the steel shop office traded the damaged rule for a new one.

Second scene: ELMER MAST needed a new rule and asked DON MARTIN about it. "Sure", said Don, "You are in luck, there is but one left." Elmer was soon back asking Don why he had sold a no good rule. Of course Don protested his innocence (which, indeed, was true) but it was too good a joke to keep a secret.

It was a boy, Everett Myron, born June 12. EVERETT FISH is the proud father.

\*\*

There was a new addition to the ROBERT MALOTT group—a spotted colt called "Tarzan."

\*\*

The steel shop had a lot of interest in the local high school graduation this Spring. In the graduating class was — ED MATCHETTE's son Louis; GEORGE DU BOIS' daughter Caroline; LUTHER WOODS' daughter Rose Marie; FRANK MILES' son Don; SCOTT HIXENBAUGH's brother Ralph; ED, KENNETH, RALPH and ROGER MUMBY's sister Shirley; and BERT BIGG's son Carl.

\*\*

JOHN ABERGER belongs to the luckier group — he has a new Chevrolet.

\*\*

CHESTER BYARLEY is back working with us after several weeks' illness.

\*\*

JAMES DOWDY has been released from the hospital where he has been undergoing treatments for injuries suffered in an auto accident several weeks ago.

\*\*

While visiting FRANK YOHN at St. Joseph Hospital, he remarked to his guest that they had him on a liquid diet. While the visitor congratulated him on his luck, Frank made a face and confided the liquid was orange juice.



# Parade Questionnaire Reveals Magazine's Popularity

Now in the seventh year of publication *Parade* was originated to keep a fast-growing organization informed about matters of mutual interest to AWECO employees.

How well that job was being done we had very little way of knowing—except through an occasional comment—until recently, when an opinion poll of everyone in the organization was taken by means of a questionnaire.

Statistically, the response was sufficiently high to establish a reasonably accurate judgment of the publication . . . its weaknesses and its strength. A complete summary of the replies is shown below.

It was very gratifying to see that the majority of employees and their families read *Parade* very thoroughly and that they would not like to see it discontinued.

It was also gratifying to see how well we have been hitting

the mark as far as emphasis on various topics is concerned. The majority of employees do not want any feature curtailed or eliminated. Employees thought, however, that the following features should be expanded: Personal news, How our products are made, How our products are used, Performance of our products after installation, and New Markets for our products.

In the future we will be guided in printing *Parade* by the results shown on this survey. In a year or so another survey will be made to determine if we are succeeding in printing the news you want to read.

Thanks for your cooperation in making this survey, it is greatly appreciated.

OTTO A. PFAFF

President and General Manager

## Here's How You Answered The Questions

How much of PARADE do you read? All of it **84** Most of it **36** A little **7** None **0**  
 Do others in your family read PARADE? Always **71** Usually **42** Seldom **9** Never **2**  
 As to pictures, do you think PARADE has: Too many **1** Not enough **43** About right **79**  
 Would you miss PARADE if it were discontinued? Yes **120** No **4**  
 Has PARADE increased your interest in the Company and its activities? Yes **107** No **9**  
 In the future do you think these features in PARADE should —



	Remain The Same	Be Less Extensive	Be More Extensive	Be Discontinued
Company growth and expansion .....	66	7	47	0
Profit Sharing .....	87	6	43	0
Personal news ("Eye to the Keyhole") .....	43	9	65	1
Employee hobbies .....	53	7	52	4
Department stories ("Looking in on the Other Fellow's Job") .....	58	7	56	2
How our products are made .....	52	9	59	2
How our products are used .....	49	11	56	2
Performance of Company products after installation .....	48	18	50	1
New markets for Company products .....	46	16	50	3
Selling activities (Sales school, industrial shows, etc.) .....	61	17	31	3
Old employees ("Family Album") .....	75	5	38	2
Department heads and executives .....	72	14	24	2
Suggestion System .....	67	12	36	3
Health .....	63	11	46	1
Safety .....	58	6	55	1
Social activities (Picnics, parties, etc.) .....	62	8	41	3
Sports and athletic activities .....	64	7	43	1

EDITOR'S NOTE: The variation in totals is due to the fact that some respondents did not answer all the questions.

## Some Typical Comments Received



### What Do You Like Best About PARADE?

"I come to know who some men are and where they work and some of their outside interests. Also, where some of the machines go that I help build."

"The feature stories about personnel."

"It's free! Also it contains several interesting articles about the steel industry."

"Articles about the department heads."

"Personal news, Profit Sharing, Safety and Health."

"Reports on field installations."

"Human interest and pictures."

"It is the best information bureau obtainable with the least effort on the part of the employees."

"Write ups on various members of our organization, new applications of our equipment in industry. General knowledge of our company and its activities and policies."

"All of it."

"Employees' hobbies."

"The part of how our products are used."



### What Don't You Like About PARADE?

"Not big enough."

"Too many miscellaneous personal notes."

"Too much advertising. We don't have to be sold what we build."

"No humor."

"For the most part they forget there is a night shift in the plant. We run machines from 3:30 - 12:00 PM also."

"Articles on hobbies of employees."

"Not enough field pictures, etc."

"The cover is usually rotten."

"The whole thing."

"It doesn't cover the entire personnel of our Company and stresses on individuals and company sales too much."

"Not enough human interest."

"Stories about men I, and quite a few other men, never even heard of before."

### How Can PARADE Be Improved?

"Show more interest in the reason why our equipment, fabrication, sales, etc. should be improved on."

"I suggest a column called 'My Pet Peeve'."

"Publish two a month."

"How about an occasional picture of just a regular employee instead of always big shots or else old timers."

"Have some field pictures so the plant will understand some of the problems in the field."

"Change editors."

"Be more detailed in the coverage of the problems in other industries which are solved by the use of our equipment."

"By seeing to it that everyone receives a copy of it. I have received one copy since starting to work for AWECO." (Ed note: Will you give us your present correct address so we can mail it to you?)

"I think the editor of PARADE has done an excellent job. Keep up the good work."

"In the personal news let's not keep the same names in the limelight, let's spread out a little and get some new names." (Ed note: Splendid idea! Will you be a reporter for your department?)

"Simple analysis of Profit Sharing Plan describing effect of longevity on an individual's share, etc. In the past issues, Company individuals have been stressed, in the future Company products should receive more stress."

"Make it larger and have more of each in it and put more pictures of the foundry in it, and how the foundry works and what each employee does."

"Articles from our president whom we all like and trust."

"Put more emphasis on the workings of the Credit Union and less emphasis on the Athletic Assn. 'dances' which often turn out drunken brawls!"

"More humor and jokes."

"Have Department heads and executives give an explanation as to why certain amounts are taken out of the pay check, by that I mean the amounts under 'miscellaneous'. We don't always know what the amount is for."

"Add a new feature — 'How to save time, work and money'."

"Devote a little more time and space to engineering, office and sales— their function in the growth and progress of the Company. Too much time is given to the shop which is only one link in the big chain."

"I would like to read a story about the men that are on the road, the men that set up our Tumblasts after they are shipped."

"By enlarging it in order to include more activities of the working and views of the construction and assembly of the machines. I have worked here for 3 years at helping set up the Cabinets and there never has been a view in Parade of our line."

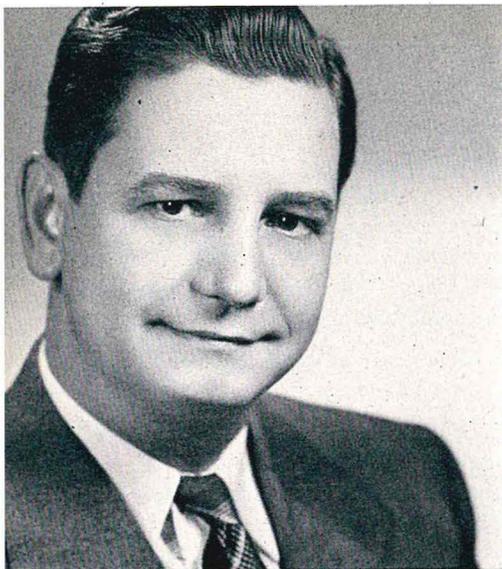
". . . the reporters in each department should be on their toes and not miss a thing that happens." (Ed note: Address all reports on happenings to "Parade Editor" or call extension 38 . . . new reporters are welcome).

"For members of our organization not residents in Mishawaka, it is the only means of keeping in touch with happenings at the plant. Needs no improvement in my opinion."

"Cover the interests and affairs of the Company below major and minor executive grades."

"Some parts could be more explicit such as safety."

"It is good morale to read what satisfied customers say about our equipment and is very important to drive home the point that the customer is our boss. This may not be good policy but I think it might be very instructive to run a series of articles about 'What Our Few Dissatisfied Customers Say About Our Equipment'. I know this would take delicate handling as to selection of complaints, but it might drive home that important point 'Think' to all people — shop and office — that may be involved. It takes that special effort and pride of workmanship to maintain our leadership in the blast equipment field."



CHALMER R. CLINE wasn't exactly a "typical American boy" even though he did carry papers and win letters in baseball, track and basketball. When he was about 14 he fitted up a chemical lab in the basement of the Cline home in Marion, Ohio.

In 1928 Chal (the name he usually answers to) entered the University of Cincinnati to study chemical engineering. This was a cooperative course that led to the professional degree Ch.E. One month he studied the theory of chemistry at Cincinnati, the next month he was a sand control engineer at Commercial Steel Castings Co., Marion, Ohio. This went on for 3½ years. The last year he used his laboratory month to teach metallurgy at the University.

The first four years after college Chal was employed by the National Tube Co., Lorain, Ohio, first as a chemist and later as an assistant fuel engineer, with the responsibility for the combustion of the heating furnaces of the steel mill.

Later Chal spent three years with the American Gas Ass'n., concentrating on industrial gas research. During this time he wrote a number of technical articles on such things as the combustion of industrial gas, and the design of domestic gas ranges. He also devoted some of his time to teaching physical chemistry at Lorain Institute of Arts and Sciences, and industrial furnace design at the John Huntington Institute, Cleveland.

Wishing to make a change he accepted a position as sales engineer with North American Mfg. Co., a manufacturer of combustion equipment. This was in 1940. A short time later, and by short time is meant only a few months, he was "re-

quested" to accept active duty as a reserve officer in the Ordnance Department. Seeing the handwriting on the war cloud, Chal did as requested.

The Army assigned him to the industrial service branch of the Ordnance Department. Two years later he was made a special assignment officer attached to the Field Howitzer Industrial Intergrating Committee.

After the end of hostilities in Europe he thought he was being sent to Paris. A

rived in Japan where his work was coordinating the investigations of various military branches.

When he was separated from the Army early in 1946 he decided he would prefer a job with more management than sales, so when AWECO offered him this opportunity, he accepted it.

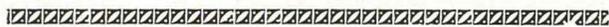
In general his work is to relieve the President of as much administrative detail as possible and in particular to assist him in the planning, direction, and follow up

## Chalmer R. Cline Engineering Assistant to the President

phone call from Washington informed him everything was set for him to leave . . . there was one slight change, the destination was Manila. Major Cline unpacked his winter uniforms, replaced them with summer clothes, and set sail on a Dutch freighter for Manila. During the 33 days he was at sea the atomic bombs were dropped on Japan, and by the time he arrived in the Philippines McArthur had left for Japan. Chal eventually ar-

of all engineering and research. His work requires that he maintain liaison between the various branches of engineering, sales, factory, and the president. It's a varied group of assignments he receives . . . a challenge to his technical and personal ability . . . a challenge that he meets with skill and success.

In 1940 he married Eunice Room, they have two children — Gwendolyn 4½ and Richard 2½.



### FOUNDRY and BLADE ROOM

Reported by: Fred Bishop and Hilda Baker

Red faces in the foundry — FRANK MORRIS and BILL DREW molders, who came in at 10 o'clock the other morning. Alibi? Bremen had gone back on standard time.

\*\*

If you happen into the foundry about 3:00 PM and hear a chorus of manly voices carol "Hey Dutch" you will know CLARENCE HARTNELL has come in for his trick on the heat treat. The boys all like to tease Dutch because he always has an answer for them.

\*\*

JACK KINNEY of the shakeout gang took unto himself a new custodian of the purse strings. On Saturday July 3 he was married in Chicago.

The married men of the foundry offer to Jack these three simple rules for a perfect married life: 1 — BE DIPLOMATIC. When the little woman comes home with one of those hats and asks how you like it, don't say "What attic did you dig that up in?" Just say, "Darling, that is the most ludicrous piece of creative art I have ever seen." The bigger the words, the farther away from the house you can get before she makes up her mind that you are making fun of her.

2 — Be SUBTLE. If you think your bride is letting the grocery bill go too high, don't say, "Hey, are you feeding the starving of Europe?" Just say: "Pet, are you putting on a little weight?"

3 — BE BRAVE. On a Sunday afternoon when you'd like to take a nap and the Missus comes up with the suggestion that you and she go visit one of her more talkative girl friends, don't say: "Not me. I don't like to hear her pop off." Just say: "OKay, Honey. I'd like to go, never have I seen as good looking a woman who could talk so intelligently as she can."

\*\*

LEM S. KIZER has transferred from the blade room to the machine shop at night. CHARLES VAN BELLEGHEM replaces Lem.

### PATTERN SHOP

Reported by: Eldien Powell

CLAY FISHER is coaching a group of high school boys for the V. F. W. baseball team.

\*\*

To make fishing less tiring, ELDIEN POWELL's wife gave him a bobber that rings a bell when a fish strikes, and another that flashes a light to signal a fish on the line.

\*\*

HERMAN ABLE was getting no where fast putting linoleum on a table top . . . so he asked ED NELSON to help him. When Ed finished the first task, Herman had several other things for Ed to fix.



# Inquiring Reporters Quiz Workers About Profit Sharing Plan at AWECO

**Question: What do you like best about the profit-sharing plan:**

- The opportunity to save?
- The chance to share in the profits of the Company?
- The security the plan provides you and your family?
- The promise of financial independence?
- The chance to be a partner with the Company?

**Arthur Robb** (Lathe operator, nights) "The promise of financial independence. It gives us a definite plan of saving instead of a 'hit and miss' plan which most of us would not carry on permanently."

**Fred Shields** (Steel shop) "It's OK. I'm looking forward to it in the future."

**Meril Van Skyhawk** (Machine Shop, days) "I like the idea of being a partner with the Company. This permits me to share the profits of the Company."

**Hilda Baker** (Blade room) "I'm for the Plan as it is a good way to save some of my earnings."

**Everett Williams** (Stock room) "It's a good plan to save money."

**Ernest Eaton** (Stock room) "I like the profit end of it."

**Elmer Key** (Shipping) "A good thing; best thing that ever happened to all employees concerned."

**Floyd Miller** (Bullard operator, nights) "The security the plan provides me and my family. It's a means of saving, and an added insurance for my family."

**Roscoe Rush** (Demonstration) "I think I like the chance to be a partner with the Company the best. To work efficiently and see others do the same promises profits for all. The periods of waiting for some other operation is considerably shortened by this incentive among the groups of employees."

**George Friedman** (Machine Shop, days) "I think the plan is all right, but I can't tell too much now as I haven't seen any of the profits yet."

**Fred Hostetler** (Stock room) "It's something to work for."

**Guerino Giacomini** (Shipping) "Money for nothing, and a feeling of security."

**Don Ice** (Steel shop) "It is all right. It is security for old age and can't be beat."

**Lawrence Bickel** (Stock room) "I like the opportunity to save."

**John Pawlowski** (Steel shop) "It's all right. It's a better deal than some companies have given or will give, and the money taken out is money I would spend otherwise."

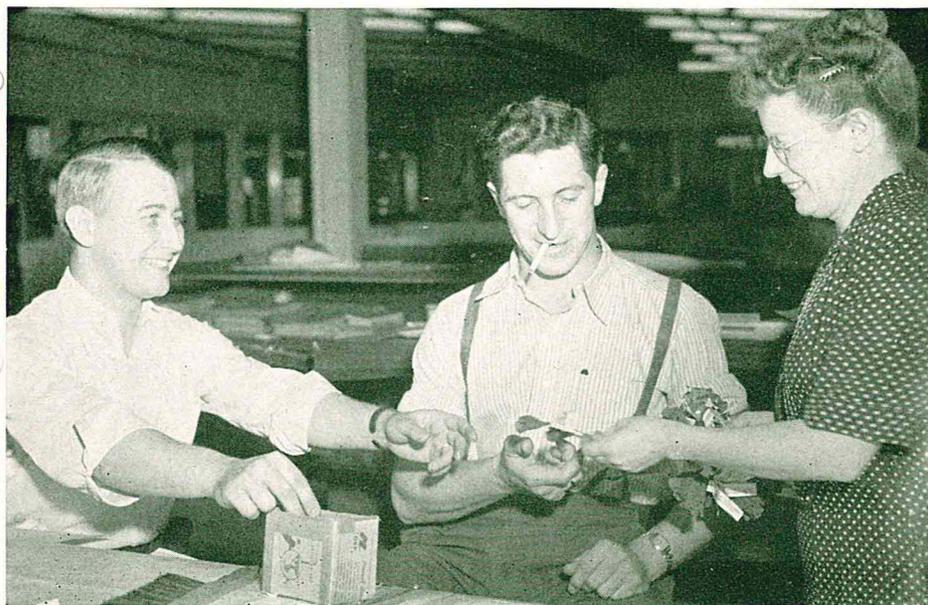
**Ted Baker** (Lathe operator, nights) "The security the plan provides me and my family. It will give my family and I an added income when my working days are over."

**Milferd Gardner** (Steel shop) "I think it's all right. It gives a fellow a sense of security. I think the plan should have been offered by industry a long time ago."

**Gladstone Smith** (Tool grinder, night) "The opportunity to save. It's a lot of interest for a small principal, or a lot of something for nothing."

**D. O. Roebuck** (Steel shop) "A lot of companies won't offer it. One of the reasons I got into it was to benefit by old age after 65. But the way prices are going up I'm going to have to cut down on my contributions to the fund."

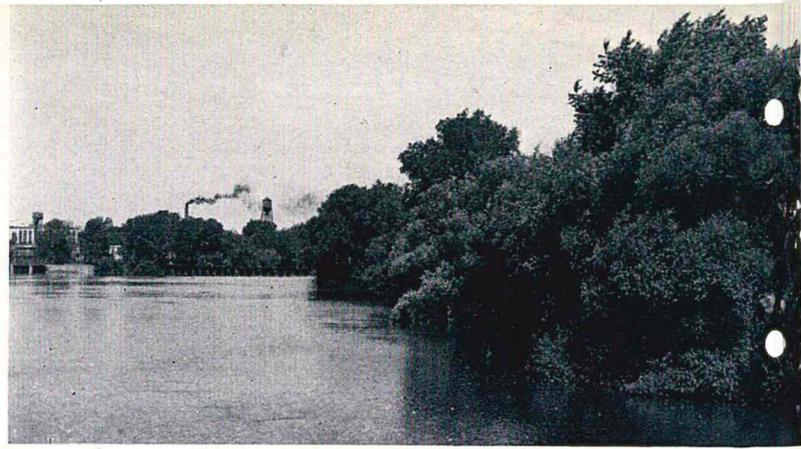
**Vern Fisher** (Shipping) "Something for the future, security, etc."



## Buy A Poppy?

ODELIA SCHAUT who has had a lot of experience selling veterans poppies, hands George Fowler a poppy, while Ward Correll drops his contribution into the box and reaches for a flower. The other girls who sold poppies the Friday before Memorial day were DELIA FRISONI, KATHRYN GLASS, JUNE KOONTZ, and BETTY KUHN. \$93.48 was collected and divided between the American Legion and the Veterans of Foreign Wars.

In October of 1946 *Parade* printed the history of our town up to 1938. This story told of the area being explored by Robert Chevalier De LaSalle in 1679, that iron ore was discovered in the area, how the towns of St. Joseph Iron Works, Barbee, Indiana City, Fowler, North Side, Canada, Slabtown, Jerusalem, Upper and Lower Settlements sprung up and all were incorporated into the city of Mishawaka in 1839. This continues the history of our city:



St. Joseph River, looking southwest from the Mishawaka Avenue bridge

## A Century of Progress Along the St. Joe

In 1837, eight years after the United States Government acquired the right to the land in Northern Indiana from the Indians, the first bridge and dam were completed. This was the first dam on the St. Joseph river; there were few such structures in this section of the country. The first bridge, a covered wooden structure, cost \$2,499; the money was raised by popular subscription.

The first school was built on the southwest corner of what is now Union and Fourth Streets. This same location was later the birthplace of Rose Hartwick Thorp, who wrote "Curfew Shall Not Ring Tonight". George Merrifield was the first teacher.



1844 saw higher education offered in the Lard Oil Institute by John Butts. By this time Mishawaka had had a newspaper for three years, the *Mishawaka Tocsin*. And by 1852 the Masons had organized a lodge here.

The Civil war came and went, leaving little mark on the rapidly growing city, then came September 5, 1872. At 7:45 PM a fire broke out in a small stable near the rear of the old Presbyterian Church, then located at Second and Mill Streets. Before aid could be received from Elkhart and

South Bend practically all of the business district was a heap of smouldering ruins.



Investigation proved conclusively that it was the work of incendiarism, although the motive was never discovered. Newspaper reports the day after the fire declared the fire had resulted from a third attempt since July to set the town on fire.

One of the few buildings to emerge from the flames was the old Milburn house, a hotel that had a long established reputation as the best hotel between Detroit and Chicago — though no mention is made as to the number of hotels it had to compete with in maintaining this reputation.

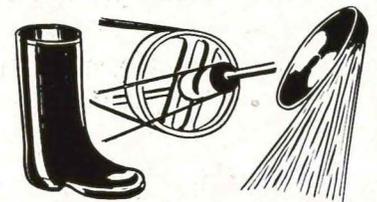
The merchants rose to the occasion and within 24 hours many had made plans to rebuild on a more substantial scale. The spirit of the times was manifested by the sign which Daniel Curtis posted amidst the ruins of his store:

"Closed on account of heat. Will open as soon as fire cools".

Before the city could recover from the destruction wrought by the fire, the panic of 1873 and the removal of the Milburn Wagon Works from Mishawaka to

Toledo, Ohio struck heavier blows.

The Mishawaka Rubber and Woolen Mfg. Co. was founded in 1868 by M. V. Beiger and Adolphus Eberhart. The first products were flannels made by three employees. The first knit wool boot was knit by Mrs. Jacob Beiger in 1886. Rubber footwear was added to the line in 1898. Now the Ball Band trademark is known everywhere.



In 1895 The Dodge Mfg. Corp. began producing chisel handles, screen door frames and music wagon jacks. Wallace H. Dodge's idea of the split wood pulley with interchangeable bushings was the beginning of a company that now distributes power transmission equipment all over the globe.

By the time *American* moved to Mishawaka in 1925, the city was a lovely place with good schools, churches, transportation, an outstanding park system, and diversified industries.

Attracted by the excellent living and working conditions, immigrants from many parts of the world came to Mishawaka and today are among its leading citizens. Located in our city is the largest Belgian-American colony in the United States. Today Mishawaka has a population estimated at 33,600.

Another Famous Company Buys the Equipment You Make



## Lower Maintenance Sells Dustubes to Aluminum Ore Co.

← Installing Dust Tubes →



At the *American* exhibit at the National Chemical Show in New York in 1946, the engineers of Aluminum Ore Co., East St. Louis, Illinois, were attracted by a contest being conducted to see who could change a filter tube in an *American* Dustube Dust Collector in the least time. The winner's time was 4.6 seconds!

Aluminum Ore Co. engineers were interested in this for they used dust collectors (not ours) to collect a form of aluminum ore called cryolite. Cryolite is acidic, thus the filters had to be changed often. To do so required the services of a large maintenance crew working four days every month.

With salesman JOE UNDERWAY helping them, Aluminum Ore Co. investigated and found, that in addition to the lowered maintenance costs, *American* Dus-

tubes were 99% efficient, could be designed to fit their existing processing equipment, and shaking the tubes positively removed all the cryolite adhering to them. With this information, they ordered a No. 335 Continuous Automatic Dustube Dust Collector.

After this unit was in operation Aluminum Ore Co. was delighted to find, that in addition to the above features, they were able to increase their production beyond their expectations. As a result they are replacing all of their old dust collectors with Dustubes.

Give mom a rest. Take her and the family to the Athletic Assn. Picnic, August 8 at Christiana Lake.



## Soft Ball Scores

Have you seen a softball game played by teams of the interdepartmental league? Or have you played in one of these games? If not you're missing a lot of fun. Here's the schedule for the last half of the season:

July 19—Steel Shop vs. Engineering  
 July 20—Office vs. Maintenance  
 July 21—Steel Shop vs. Machine Shop  
 July 26—Engineering vs. Maintenance  
 July 27—Steel Shop vs. Office  
 July 28—Machine Shop vs. Maintenance  
 Aug. 2—Engineering vs. Steel Shop  
 Aug. 3—Maintenance vs. Machine Shop  
 Aug. 4—Steel Shop vs. Office  
 Aug. 9—Machine Shop vs. Engineering  
 Aug. 10—Engineering vs. Office  
 Aug. 11—Maintenance vs. Steel Shop  
 Aug. 16—Maintenance vs. Engineering  
 Aug. 17—Machine Shop vs. Office  
 Aug. 18—Steel Shop vs. Office  
 Aug. 18—Steel Shop vs. Machine Shop  
 Aug. 23—Engineering vs. Machine Shop  
 Aug. 24—Steel Shop vs. Office  
 Aug. 25—Maintenance vs. Steel Shop  
 Aug. 30—Maintenance vs. Engineering  
 Aug. 31—Maintenance vs. Office  
 Sept. 1—Machine Shop vs. Office

Here are the scores of the first games played in the interdepartmental league:

May 24th  
 Engineering 19 — Office 14  
 May 25th  
 Maintenance 14 — Machine Shop 12  
 May 26th  
 Steel Shop 18 — Stock Room 6  
 June 1st  
 Machine Shop 4 — Engineering 3  
 June 2nd  
 Stock Room 27 — Office 5  
 June 3rd  
 Maintenance 8 — Steel Shop 8  
 June 8th  
 Machine Shop 12 — Office 3  
 June 9th  
 Maintenance 11 — Stock Room 10  
 June 14th  
 Engineering 15 — Stock Room 5  
 June 15th  
 Maintenance 15 — Office 7  
 June 16th  
 Steel Shop 7 — Machine Shop 5



## Welcome to these NEW WORKERS

Rodger J. Miller	Machine Shop	Peter A. DeVos	Foundry
Dale M. Roush	" "	Earl J. Frick	Demonstration
George H. Truman	" "	Esther E. Klingerman	Engineering
Thomas H. Davis	" "	Alice Myers	"
Clyde C. Carnes	Steel Shop	Kathryn Ann Wallis	Office
Una B. Bodine	" "	Jacqueline Madelem	"
Ora Frederick	" "	Anna May Ehrmin	"
Robert H. Williams	" "	Marcille Yearick	"
Octave E. DeLaurelle	" "	Willodean Lavo	"
Robert L. Shields	" "	Annabelle Little	"
Robert A. Leslie	Stockroom	Carolyn Smiley	"
Albert M. DeGeeter	"	Nancy Jo Shirk	"
Vernon E. Phillips	"	Gail Clair Kersh	"
Edward L. Matchette	"	Annabelle Bennett	"

At right: Standing — Lloyd Walls, Harold Miles, Glen Martin, Don Martin and Mel Ranstead. Seated: Roy Baugher, Ed Wordinger, and Hart Baugher.

# ANOTHER!

## AWECO Family Group

When ROY BAUGHER, loader assembly, comes to work every morning, he knows he will be among friends *and* relatives, for when Roy walks through the shop he greets two brothers-in-law — MEL RANSTEAD, and ED WORDINGER, and five nephews — HART BAUGHER, LLOYD WALLS, DON and GLEN MARTIN, and HAROLD MILES!

The first of this group to work at AWECO was Harold Miles, sheet metal layout, who began April 13, 1936. Harold says he was looking for a job, and because he knew steelshop foreman Walter Nelson, he applied at *American*.

Hart Baugher, assistant supervisor production control and stores, applied for a job here in October, 1936, primarily because it was so close to home it would be convenient.

Don Martin, steel shop clerk, wanted a job so he could get married — that was in February of 1937.

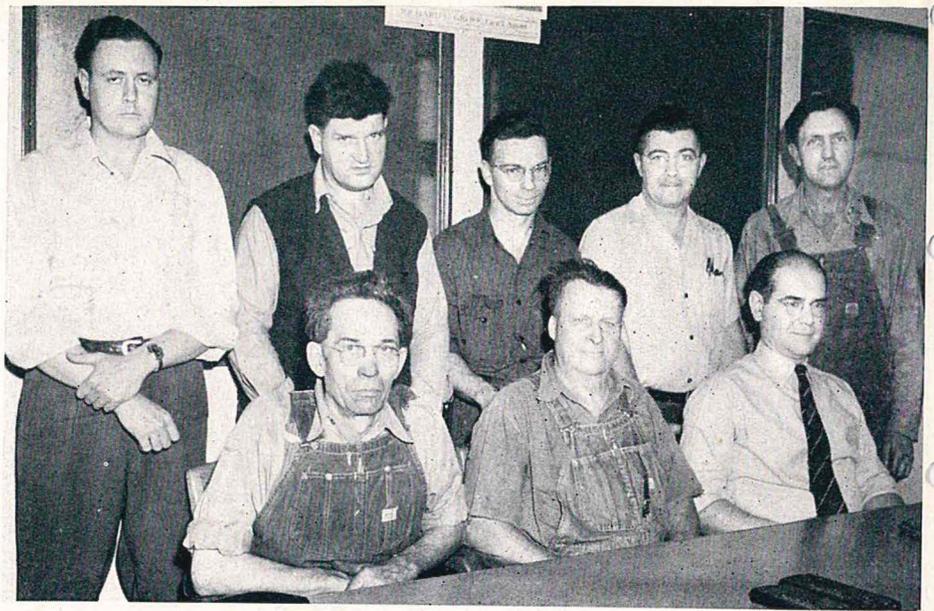
Because brother Don was so satisfied with AWECO as a place to work, Glen, sheet metal helper came here in September of 1940.

Ed Wordinger, sheet metal worker, was hired in October of 1940.

Harold Miles and Ed urged Roy to work at AWECO and so convincing were their arguments that Roy joined them here April 1942.

Mel Ranstead, cabinet assembly, decided Harold, Roy and all the rest wouldn't stay here if it wasn't a good place to work, so he added himself to the group in June of 1942.

The last to join the clan was Lloyd Walls, engineering. Lloyd looked for a job with a future when he was discharged from the Army . . . AWECO seemed to offer that opportunity, so he has been here since December of 1945.



## The Family Album



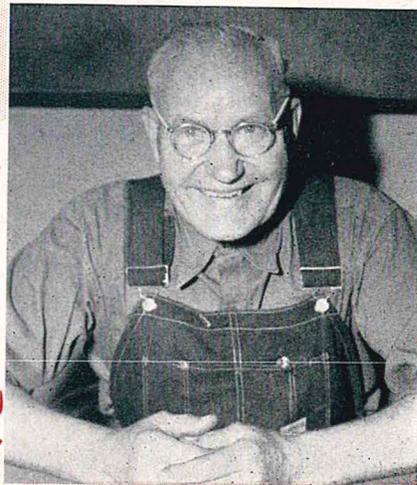
INSPECTOR — REPAIR PARTS SHIPPING



WAS A FIREMAN FOR PENNSYLVANIA RAILROAD



OPERATED GROCERY STORE IN FORT WAYNE IND.



# GEORGE GRODRAIN



CAME TO AWECO IN 1935



DROVE TO FLORIDA ON VACATION LAST YEAR



HOBBY is FISHING

# Famous Company Recognizes AWECO Leadership

GARDNER-DENVER COMPANY



DENVER, COLORADO

CABLE ADDRESS  
ROCKDRILL DENVER COLO



When MARION KEEN celebrated his 70th birthday June 15, the steel shop helped him mark the day by presenting him with a wallet — it had money in it, too.

## DEMONSTRATION

Reported by: Emile DeVreese

The weeks that ARMANDO NICOLINI spent at the Foundry Show in Philadelphia, he kept his car in one of the parking garages close to the hotel. The man in charge kept begging Nick to permit him to wash his car. Nick told him he did not care how his car looked, but the attendant said: "I know, but what do my other customers think about it!" So Nick gave in and let him wash his green Kaiser.

\*\*

ROSCOE RUSH and FRANK KING are spending their weekends and vacation in a tent on Duart Lake, Indiana . . . and the fish stories are flying. Some say, however, that the only fish they are eating, are the ones they get from other fishermen.

\*\*

A couple of weeks ago Mrs. HAROLD GARMAN told Mr. HAROLD GARMAN that she would be a good sport and go 50-50 with him on the Spring house cleaning. Harold is still at his 50 per cent.

## OFFICE

Reported by: Mildred Fore

That lovely diamond flashing on JEAN GUNNETT's left hand is from Everett Ray Billett. The wedding is set for early December.

\*\*

Here's the text of a telegram received by ANN SAWYER June 28:

"Please schedule order Number 3, Duplicate of other two. Eight lbs. 9½ oz. x 21 in. rush delivery at ten AM Sunday, June 27. Dell and the baby doing beautifully. Chicago office."

In case you don't understand this the first time you read it, translated it announces the birth of the third boy to Mr. and Mrs. BOB RICH.

\*\*

PAT CALLEN (cost) and Betty Sill, daughter of PEARL SILL (files) and KENNETH SILL (machine shop) received plaques from the Indiana Girls Athletic Assn. This is the second time in the history of Mishawaka High School that graduates of that school have been so honored.

\*\*

WILLODEAN LAVO received the award for the outstanding science student at this Spring's graduation ceremonies.

\*\*

The interdepartmental softball league games are always good for laughs both from the players and the spectators. For instance: the night the machine shop played the office M. I. DORFAN and TROY ALVERSON arrived at the game with an armload of boxes of popcorn. The popcorn, they announced was to reward players who hit home runs or pitchers who struck-out batters.

Mr. John Straub  
American Wheelabrator & Equipment Corp.  
Mishawaka, Indiana

Dear Sir:

Since the installation of the skew roll conveyor for shot peening drill steel one year ago this month, all of the drill rods manufactured at our Denver Plant have received a shot peening treatment. From available records, shot peening has effected an increase in service life varying from 100 to 300%. It has been a little disappointing that a more general reaction has not been received from the field. This we can ascribe only to a lack of exact information obtained in observations by the various users of drill steel.

Many visitors at our plant have been impressed by the value of shot peening drill rod and some have seriously considered its adoption at various large mining properties. Recently, we were favored with a visit from a mining technologist from South Africa. He was particularly interested in our results and immediately was desirous of obtaining information regarding the cost of equipment, the cost of handling drill steel and the technical aspects of the effects of shot peening.

It would be greatly appreciated if you could supply us with two copies of your booklet "Shot Peening" which so excellently sets forth the effects of this treatment. It is believed that it will lend more authenticity to our description of the effects of shot peening drill steel. It would also provide an excellent opportunity of placing before potential users of shot peening equipment the fact that your company leads in the field of supplying such equipment.

It is sincerely hoped that this information, passed on to such a drill steel user, may eventually lead to the purchase of equipment from your company for the purpose. Thank you for the trouble this request may entail.

Yours very truly,  
GARDNER-DENVER COMPANY  
R. R. Anderson  
Chief Metallurgist

Latest  
Suggestion  
Award  
Winners

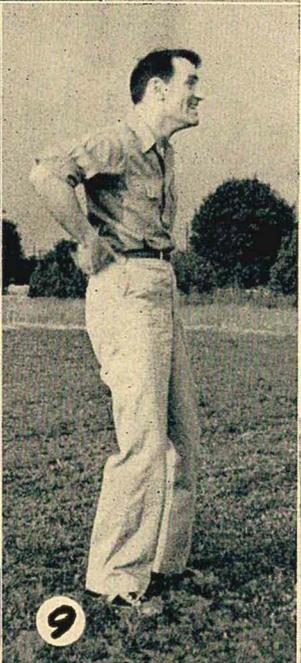
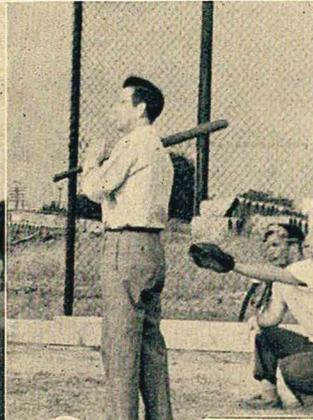


Ed Ernst

Herman Jones

William Menzie

# AWECO Softball League



(1) Sam Hearrell; (2) Hart Bauger; (3) Tom Hameline; (4) Irving Fries, Coy Replege, unidentified, Wayne Thomas, Max Whittaker, Walt Beatty, Phil Jordan, Bill Shultz, unidentified, Charlie Gehring, M. I. Dorfan, Otto Dipert, and Troy Alverson; Seated, Jack Metcalf; (5) Otto Dipert; (6) James Millage; (7) Franklin Overpeck; (8) Joseph Slater; (9) Charlie Gehring; (10) Al DeGeeter; (11) Ray Good; (12) Charles Kwasney; (13) Wayne Thomas and Bob Anderson; (14) Bob Gray, Charles Smith, Bill Eggert, and Bill Beebe; (15) Bill Rapp and Coy Replege; (16) Wayne Ward; (17) Chal Cline; (18) Leo Gordon; (19) Max Whittaker; (20) Bob Lehner and Ed Huemmer.

