

R O P



R A V E N N A O R D N A N C E P L A N T

Volume 2

May, 1942

Number 5

**So YOUNG
AMERICA
MAY NEVER FEAR
THE SKIES AGAIN
BUY WAR
SAVINGS
BONDS!**

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Official Publication of the Ravenna
Ordnance Plant of Ohio

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J. C. Donnal, Director of Industrial Relations

Paul A. Ryan.....Editor
Mrs. Natalie Fern.....Assistant
Frank Lukas.....Assistant

Division Editors

John Bjorkman.....Sports and Gen. Engineering
Miss Lois Bowen.....War Department
Miss Eunice Shirley.....Commissary
Miss Colette Corrigan.....Procurement
Edward R. Sanders.....Fuze and Booster Lines
Miss Bernice Hunter.....Transportation
Miss Edith Rice.....Control Laboratory
D. S. Long.....Planning and Production Control
Miss Genevieve Crowley.....Medical
M. J. Gribben.....Accounting
Robert Stockdale.....Protection
Joseph Mulvey.....Industrial Relations
S. S. Griffith.....Load Lines
Miss D. M. Steel.....Plant Engineering
Miss Ella Mae Smith.....Financial

This is War!

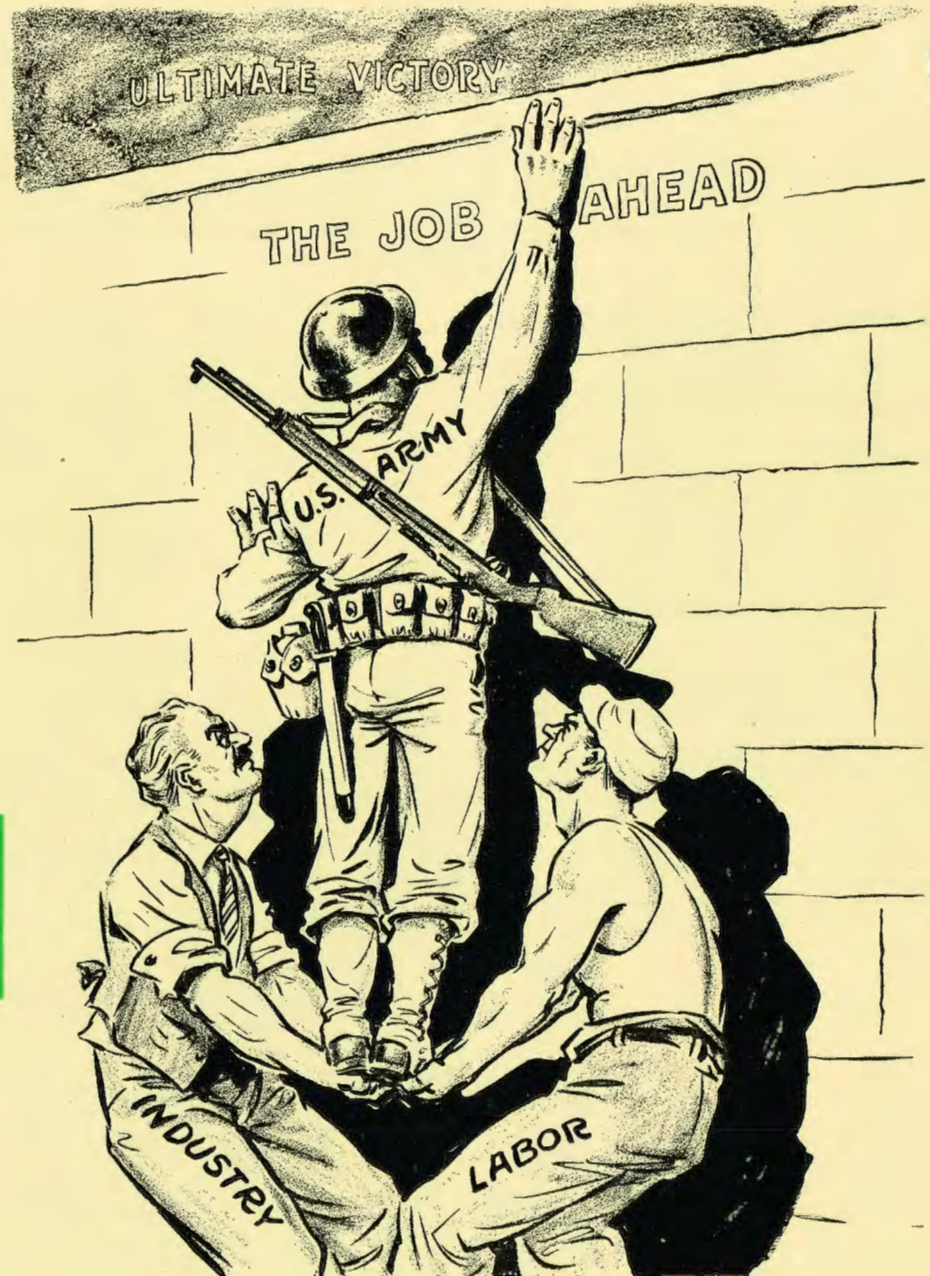
ON December 7, 1941, a new chapter was written by a nation which professed peace while propelling bombing planes. The attack on our Hawaiian outpost, brutal and devastating, unified the United States as nothing else could do.

The hearts of 130,000,000 persons, certain now that democracy and dictatorship cannot exist in the same world, joined in grim resolve to surmount them.

No one questions that this is a war of production—our war, yours and mine.

The axis powers mean business. They want our homes, our industrial centers, our country—they want everything we have—and are fighting to get it.

Whether they get it depends on how hard you, the fellow working next to you, and your neighbor across the street are willing to fight back. If a man attempted to rob your home and take everything that belonged to you, you would fight for it. Well, that's just what



is happening. It's happening to citizens in all the civilized countries of the world.

It stands to reason that all of us cannot shoulder a rifle, fly a plane, or drive a tank, but each of us can put up, in our own way, the fight we need to win.

We can't win with the record book full of lost-time injuries, by "dogging" our jobs, or by taking a day off any time we please.

Certainly, there are occasions when time off is permissible, but even then, we raise the odds against an Allied victory.

This is once we don't want to drag out the job. It's too big for that.

To get this mess cleaned up, to return to a normal way of life, and to take advantage of those things given us by the Creator to make our lives happy, is the aim of every true American.

In the Army, severe penalties are assessed for "absence without leave." Deserters are shot! To leave one's post or neglect a duty means a court martial!

You are the man behind the man behind the gun! You are a production soldier! This is war!

Are you doing your duty?



By Natalie Fern

Heil, Dictator!

Looking out the window of the Administration building stands a man, a dictator we shall call him, for, with cigar in mouth, he mutters, "Take a letter Miss Blue". And before Miss Blue has had a chance to get her book or pencil from her desk drawer, he has started . . . "This one goes to Mr. Ovington Whittleblothem, 2 West Umpty Skate Street, Kalamazoo, Kentucky — Dear Mr. Whittleblothem: Yours of the fourteenth noted and discussed with the powers that be . . . mumble, mumble mumble, —puff, puff"—and mumbling on for several paragraphs, he clears his throat and distinctly says (the first clear words of the entire letter) Sincerely yours, John Jones, chief assistant to the left hand man of the right hand man of the president of this company.

* * *

Meanwhile, Miss Blue grips her pencil, holds her breath, writes the first two sentences, and tries to comprehend and remember the following twenty-four.

* * *

Why is it that you, who are the dictators, don't mind speaking with cigars, cigarettes, pipes, gum or even your fingers in your mouths . . . while you "lay-into" your children if they dare open their mouths while chewing a piece of bubble gum?

* * *

As you read this, you're probably thinking—Another kicker! But honestly she's not. She wants to do a good job, but Miss Blue is not a super-woman or a mind reader. For instance, you write to Kathryn White. How can she tell if it's Miss or Mrs., if the name is spelled Katherine, Catherine, Cathryn or Kathryn, White or Whyte, unless you tell her.

* * *

Usually, another sore spot between the two of you is punctuation. Remember she went to school too. If you prefer your own brand of punctuation, give

Personality Projectiles...



Arthur R. Stark

Government Payroll Auditor . . . First War Department employee at ROP . . . Came here September 14, 1940 . . . Hails from Milwaukee where he spent 20 years as secretary and treasurer, purchasing agent, accountant, and auditor, for the Wisconsin Ornamental Iron and Bronze Co. . . . served with United States Forest Service, Public Works Administration . . . Married, has son and daughter.

it to her . . . she's not sensitive! After all, she hates to see her letter tossed back or sent out looking as if a copy reader of a metropolitan paper had had a field day.

* * *

Secretaries and stenographers put you in categories, Mr. Dictator. The whisperers, who make all letters confidential, by whispering each message so one has to strain to hear it; the "All-In-One-Breath-Dictators", the ones who take three breaths as a warmer-up . . . and then dictate the entire letter without stopping for air; the "Let's-Start-Over-Againers" or "Cross-That-Out-Please-Dictators" who make steno books look like a Morse Code message in dots and dashes.

* * *

Miss Blue, like all secretaries and stenographers, often wonders what you think of her . . . but that is not the point now. She is working towards the same goal you are . . . efficiency for better output. If you cooperate in helping make her job smoother, she'll keep your letters rolling.



Dr. Brandner, upon trying to hold back an electric motor by main strength, proceeded to find out he wasn't the "superman" he thought he was—he's been going around ever since with a broken finger, and impolitely pointing at people.

* * *

NEWCOMERS: Miss Betty (Gabby) Gabhart is a new "Female Lab Boy."

Roscoe McBride is a new Senior Chemist. He graduated from Case in the class of '99 . . . and is still going strong!

* * *

TRAVEL: Tom Ramsey was effervescing with joy on a certain Friday—when he flew to Philadelphia by plane. We're thinking there must be someone very nice down there.

* * *

GARDENER: It is surprising how these new "Victory Gardens" are affecting the "City Slickers." J. W. Maxwell has recently been seen "sneaking" in the back door with three baskets of barnyard fertilizer.

* * *

LEAVES: We are all sorry to see Miss Elizabeth Sherrer leave the employ of the Control Laboratory. Saturday, April 18 was the date of her marriage to Carroll J. Brown at the Oberlin College Chapel. The couple is now living at Clairton, Pa.

The employees of the Laboratory gave Mrs. Brown an oblong sterling silver cigarette case with three silver ash trays, inscribed with her initials. Also inscribed inside the lid of the case were the words "April 18, 1942, Control Laboratory, ROP."

* * *

Frank Wetterau, Senior Chemist, likes the 8 to 4 shift. He can be seen most any evening walking out East Market St. in Warren towards Belvedere Ave. Why is it girls always live outside the city limits when one has to walk from a bus station?

Be Honest with yourself—
Work with care and Caution.

PRECISION PAYROLL PRODUCTION

TAKE a look at your pay check the next time payday rolls around. To you, it is a finished product and is important only in terms of dollars and cents—its buying power, you call it.

To our way of thinking, this check plays an important role in your life and you are entitled to know its family tree, so to speak.

Although your check bears no marks thereof, it actually gets to you the way it is from a series of punched holes. Not just ordinary holes, understand, but holes which possess a very definite meaning.

"Why" To Punch "Where"

The "why" to punch "where" is found on cards computed from daily time cards, prepared by assigned personnel in each department. A series of comptometers compute the "take" that each employe is to receive on his paycheck.

At the end of a week, all of an employe's cards are gathered together by an automatic sorting machine which, under full steam, sorts 400 cards a minute.

Cards for the week are placed in an alphabetic electric accounting machine which computes Social Security Tax and prepares a preliminary payroll showing total hours and earnings for the week. This machine actuates a reproducing summary punch which records on another card the weekly summary of each employe's earnings.

Weekly clock cards are computed from time clock rings recorded on the

card. At the end of the week, hours worked are totaled at the bottom of the cards. Each clock card, upon receipt by the Payroll and Tabulating Division, is checked to the preliminary payroll to determine the correctness of time worked.

Following completion of the preliminary payroll checking, each employe's weekly summary card of earnings is merged by a collating machine with a payroll master name card, which contains punched information representing the employe's name, social security number, etc.

These two cards, in addition to any deduction cards for Group Life Insurance, War Savings Bonds, etc., are the basis for preparing the payroll register. This is done on the alphabetic accounting machine which lists each employe entitled to pay, showing his name, social security number, regular hours and amount, overtime hours and amount, total hours and amount, deductions, net pay, department and clock number, and the number of the check by which the employe will be paid.

1,100 An Hour

After the payroll register is verified with the preliminary payroll, payroll checks are prepared at the rate of 1,100 an hour, using the same cards as were used in the earlier preparation of the payroll.

Checks are printed in continuous form, divided by a perforation. After they are prepared on the alphabetic electric accounting machine, they pass

through an automatic check signer and burster which signs and dates the checks at the same time, bursting each perforation and stacking the checks in their proper numerical sequence. This machine has the capacity of signing and bursting 10,000 checks an hour.

Checks are then taken to the Paymaster's Division where they are checked for accuracy.

Checks Are Checked

Procedure for the preparation of salary checks is similar to the above procedure in so far as the payroll register and printing of checks is concerned. However, the method of reporting employes entitled to pay for a semi-monthly period is controlled by the semi-monthly salary roll time report, prepared by departments.

There is an earnings card punched for each salary employe representing the amount of salary and overtime pay. These cards are merged with the salary payroll master name cards from which the semi-monthly salary register and salary checks are prepared.

So there you have it. A complete family history of your pay check . . . modern business' way of dealing with a problem that would take months, if it were to be done by hand.

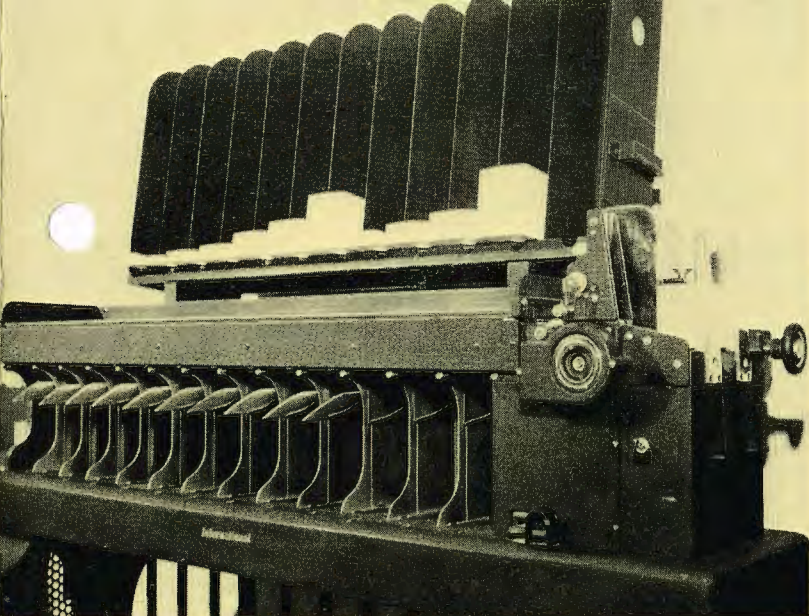


Miss Helen M. Ladrach takes the information found on the daily time cards and, with this duplicating key punch, prepares cards for use in the alphabetic accounting machine.



The Payroll Section where the first and last steps in the preparation of the payrolls are made.

Left to right: F. H. Haines, Ellis H. North, Mrs. Martha Goehler, A. R. Morton, Miss Mary Lou Lund and Mrs. Gertrude Millen.



This is a closeup of one of the horizontal sorters which is able to alphabetize cards or put them in numerical sequence at the rate of 400 a minute.

Below is shown a daily time card after it has been key punched. All information necessary to give J. A. Doe his pay check in the proper amount is shown.

J. A. DOE 085004 12 41 78:9998

DEPT. NO. RATE HOURS AMOUNT ACCOUNT NO. DATE DIST. CLOCK NO. HOURS

78 8.00 6.80 01 04 25

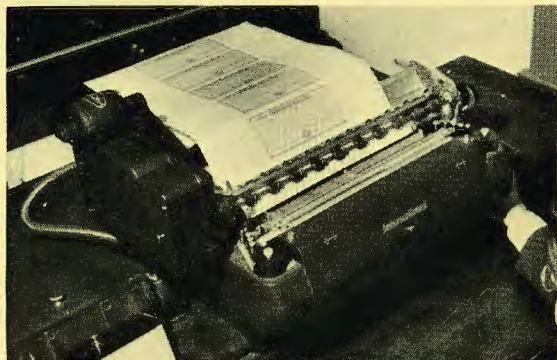
DAILY TIME CARD

SHIFT	HOURS	DEPT. NO.	RATE	HOURS	AMOUNT	ACCOUNT NO.	DATE	DIST.	CLOCK NO.	HOURS
1										
2										
3										
4										
5										
6										
7										
TOTALS										

EMPLOYEE NO. DEPT. NAME DATE APPROVED - FOREMAN OVERTIME - GREEN

EMPLOYEE NAME RATE REG. AMT. OVERTIME AMT. PAYROL. DATE

Shown here is a closeup of checks being written by the alphabetical electric accounting machine.



A. R. Morton is shown operating the electric accounting machine which is preparing the payroll register.



T. T. Maxwell, auditor, carries a board of checks to his office for final inspection before issuance to Ravenna Ordnance Plant employees.

With an air of complete satisfaction, Carl Kerr, Transportation Department employee, views his wage check—the final step for the Payroll Division—but for him, it's just the beginnin'.



Conservation of RUBBER

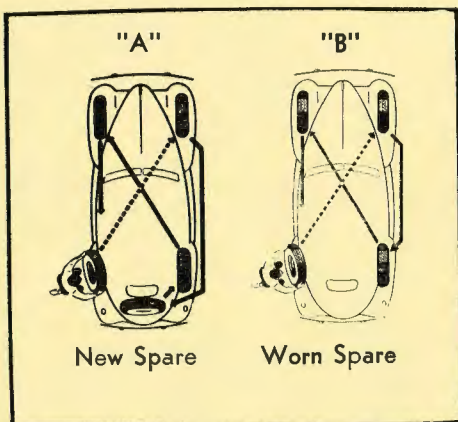
MUCH has been said and written in recent months about the current rubber shortage. Questions of "how can I make what I have last longer" and "why should I save my tires if the Government is going to ration gasoline" and many others have been asked by "R.O.P." readers. In the paragraphs that follow, we will pass on to you all that we have been able to learn on the rubber situation. Ed.

* * *

Crude rubber is one of the most vital raw materials in our War Program. Contrasting with Napoleon's army which he said "traveled on its stomach," today's army travels on rubber. The World's supply comes from the Dutch East Indies and Malaya, locations which today are theaters of war.

Inasmuch as nearly three-fourths of all our rubber in the form of finished goods is in tires, we will begin with ways in which the life of a tire can be lengthened.

Proper inflation and moderate speeds have been set up as the easiest ways to conserve, but the theory of periodic switching of wheel positions every 3,000 miles will do much to increase the life of your tires. Two theories have been advanced. The first is used when the spare tire is new and the second, when it is worn.



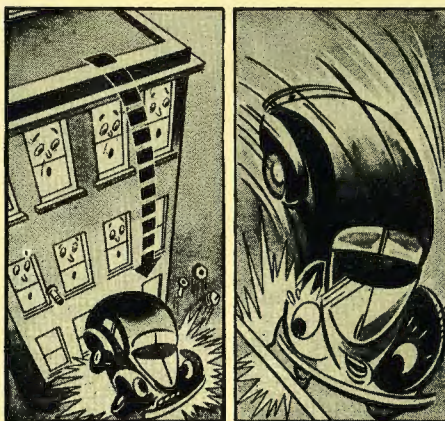
If you switch your wheels every 5,000 miles, and make five switches and are ready to make a sixth, your car will

have gone 25,000 miles but your tires, only 20,000 miles. If your spare is worn, do not include it in the switching until the rest of the tires are worn the same as the spare. An inactive spare, like an unused muscle, is a liability. You must use it or it will not deliver its full service.

The safe life of a tire at 50 miles per hour is only half of what it is at 30 miles per hour. At 70 miles per hour, it falls to only 30 percent of normal expectancy.

Tires wear twice as fast in summer as in winter. Fast stopping and starting greatly decrease a tire's life.

Underinflation is one of the most common causes of excessive tire wear. Tests show that 30 per cent underinflation—and that's far from being a flat



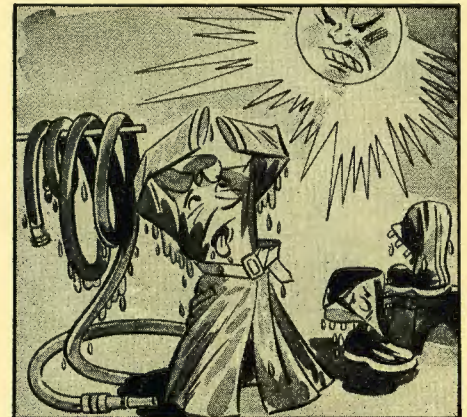
tire—reduces tire life by about one-half. It's easy to see why this is so. When the tire is soft, a constant flexing action takes place. This causes internal heat, resulting in deterioration of both rubber and fabric.

The amount of air pressure that should be used depends on the tire and on the car, so we cannot give specific recommendations. If you don't already know the correct pressures for the tires on your car, find out at once—either from your instruction book or from your dealer. Learn these pressures and check them at least once a week.

Oil is a natural enemy of rubber. It acts on it like acid on metal. Keep your

garage floor free of oil.

Engineers tell us that the damage sustained when a tire is rammed into a curbing at 20 miles per hour is equal to the damage which would be sustained if your car were to be dropped on its wheels from the roof of a three-



story building.

Although tires are our principle rubber commodity, there are other rubber articles now in use which must be protected.

Overshoes and boots should be dried properly, wiped off, and placed in a cool, dark, well-ventilated place. Keep them away from radiators, open-air registers, and steam pipes.

The best method of drying a raincoat is to hang it on a wooden hanger and store at room temperature, out of the sunlight.

Hot water bottles and ice packs should be thoroughly drained, air blown in to prevent the sides from sticking together, and the stopper replaced tightly. When not in use these articles should be stored in a cool, dark place away from oil and grease. DON'T pour scalding water into a hot water bottle.

Rubber gloves should be hung up to dry, after rinsing, on clothes-line clips, out of the sunlight and kept cool and dark in storage.

Rays of the sun are harmful, especially through glass, to all rubber articles except (Continued on page 11)

... Help Uncle Sam by Helping Yourself

Plant ENGINEERING



We take this opportunity to welcome **Margaret McNally, Martha Kangas, Edward Dignan and Myron Ladd**, to the Plant Engineering Department.

* * *

Art Gibbons is quite the "man-about-town" these days. Not everyone has the opportunity of driving five girls to work every day!

* * *

We extend best wishes to the following members of our department who took the "fatal step" recently, **Edna Mae Overhold Starr, D. L. Vincent, D. W. Shepherd and Thomas Thompson**. Yes, they all work for **Bob (Cupid) Merrill**.

* * *

We are happy to see **R. Z. Plough** back on the job after an illness of three weeks.

* * *

A cordial welcome is extended to **Ed Dignan**, who will succeed **Ed Heinzman** as clerk for the **Labor Pool Division**. Ed will leave soon to fight for Uncle Sam. All the luck in the world to you, soldier!

* * *

Walter Howe, art connoisseur, has added another priceless Rembrandt to his steadily growing collection.

* * *

Battling Bill Blair
A little worse for the wear
Appeared one morning with a busted nose—
Who said his fighting is just a pose?

* * *

Other teams better look to their laurels. **Bill Schwamenfield** and **Paul Held** will be manager and coach respectively, of the Labor Pool team.

* * *

Paul Glasgow is making everyone in the old Atlas Building positively green with envy. Have you seen his new streamlined furniture? That horsehair sofa is really somethin'...

* * *

We expect to hear things zoom in the Maintenance Department with the arrival of **Harry Dedrick** of Oil City, Pa.,

who will be Machine Shop Foreman.

* * *

Freddie Clark has been spending quite a bit of time in the Guard House recently (forgetting his pass). Wonder what's making him so preoccupied these days?

* * *

Don't mention muscles to **Jim Amrich** or you'll be in for a 70 minute monologue on "The Advantages of Weight Lifting" versus "Honest Labor".

Fuze and Booster

Miss Marie Csandi, inspector in building DT-13, was married at Lisbon, to **Sergeant Gilbert Pierfelice**, on Saturday, March 21. Congratulations!

* * *

For a safe keeping place, ask **Jack Taliaferro** to suggest one. He not only suggested, but placed into a typewriter, a pair of glasses in their case, then left them overnight.

* * *

Arthur A. Klekner, John Dugan, Frank

Let's do our best, at Roosevelt's request
To keep our country free
Though the task be small, there's work for all,
Including you and me.
Let's not delay. Let's start today,
Not a moment must we spare;
We'll give a slap to every Jap
Of his treachery beware.
Now let's start in, with a cheerful grin
Resolved to do our share.
When days seem blue as they sometimes do
Let's think of our boys "out there".
They've given all, at their nation's call
Homes, friends, and comforts, too
That we never feel the despot's heel
In the land of the "Red, White, and Blue".
Lucy L. Crouse

Hansley are new additions to the Detonator timekeeping and clerical force.

Floyd Shelly, Jack Bowden, D. A. Richer, and Fred C. Gilmore, have joined the Timekeepers staff, Fuze Line 1.

* * *

New assistant supervisors for Fuze Lines are **Joseph E. Nystrom**, and **David B. Evans**. Welcome, boys!

Industrial Relations

New additions to the personnel of the Industrial Relations Department—a boy to **Mr. and Mrs. Dick Loyer** on May 3. Congratulations to you both.

* * *

Oh yes, there are some more blue booties—**Mr. and Mrs. Jim Purdy** also have a bouncing son—the cigars and candy were of the best **Katherine**, and thanks a lot. (Katherine was **Leslie Hepplewhite's** stenographer.)

* * *

Industrial Relations had another big party at the Twin Lakes Country Club on April 9—it was in honor of **Betty Helman** (nee Kirk) and **Bernie Doyle**. **Walter Wolfe, James Henderson, Eleanor Patrick, Mary Jane McLaughlin, and Charlotte Riley** were in charge of arrangements.

* * *

We extend our right hand to two new members of our crew—**Bobby Hendricks** and **Ann Monohan**.

Commissary

Mr. and Mrs. Merle Filsinger flew to Syracuse, N. Y. on May 1 to celebrate their first wedding anniversary.

* * *

Miss Betty Christ flew to Boston on the same day to attend the wedding of a school friend.

* * *

Misses Viki Martin and Martha Seymour, Mr. and Mrs. Theodore Garceau and John McCloskey spent the weekend of April 25 in Toledo.

* * *

Mr. and Mrs. George Fauerbach left recently for a motor and boat trip through the southeastern states before George takes up duties as manager of the Commissary at the Youngstown Ordnance Plant, N. Y.

* * *

Miss Clare Davis, secretary to **A. M. Lucha**, has resigned and returned to her home in Hamburg, N. Y.

* * *

Mr. and Mrs. Fred Kellogg and **Mr. and Mrs. Henry Huber** have moved from the Reservation to the new housing project at Newton Falls.

* * *

Louis La Paze left April 30 to answer the Army call of Uncle Sam. Good luck!

OUR LAUNDRY

A "Must" in the R. O. P. Plan of Good Housekeeping



J. W. Harlow, Supervisor of Laundry, discusses plans with his stenographer, Ruth Daniels.

THE shell-loading industry is one which seriously follows the rules of good housekeeping.

To abide with these rules constitutes a great number of cleansing procedures. None, however, is more important than the task of washing and maintaining employes' uniforms.

A crew of 22 persons, under the direction of A. W. Harlow, a veteran commercial laundryman, is now working two shifts a day to care for a volume of 4,500 to 5,000 uniforms as well as several thousand gloves and towels a day. A third shift will soon be necessary to care for the rapidly increasing



Elma Watt and Aileen Mayfield are shown folding laundered coveralls which will shortly be distributed to the Lines.

number.

Uniforms of persons engaged in handling explosives, especially Load Line and Artillery Primer works, are laundered after every shift. Fuze and Booster uniforms are laundered twice a week.

To protect the health of workers is the primary reason for the Laundry. Our

Medical Department advises that serious skin irritations, similar to Ivy poisoning, as well as a systemic TNT poisoning may result when cleanliness is not observed.

Hence it is that two large washers, capable of cleansing 240 coveralls every 35 minutes; a centrifugal extractor,



Joe Williams and John Shaw load clean uniforms into the Laundry truck, which travels over 76 miles of the Plant each day.

which does 120 in 15 minutes; and two dryers, capable of completely drying 120 uniforms every 35 minutes, are kept busy. More than 600,000 gallons of water and a ton of washing compound are used each week.

Between 6,000 and 7,000 buttons are sewed on uniforms each month. The

button sewer, by the way, is capable of 1,000 stitches a minute. A darning machine for general repair work and a sewing machine complete the mechanized section of the laundry.

The truck which serves the lines travels 76 miles a day.



After the coveralls are removed from the "washer", pictured at extreme right, they are placed in one of the two centrifugal driers.



More than 6,000 buttons are replaced monthly by the button sewer, being operated by Princess Scott.



Major Wilson removes coveralls from one of the washing machines which daily clean between 4,500 to 5,000 uniforms.



War Department News



Loren Spedding of the Production Control Division, reports to the Army on May 25. Good luck, Loren.

* * *

Frank Jayne, Inspection Division, is back on the job after a two-weeks' illness.

* * *

We are glad to see **Mrs. Mabel Lawrence** and **Robert Guise** back at work, following absences caused by illness and an auto accident respectively.

* * *

Miss Sara Magno, Mail and Records Section, has returned to work after recovering from an appendectomy.

* * *

We are glad to welcome **Foster Fludine** back to the ranks of the Purchasing Division following his recovery in St. Thomas Hospital from injuries sustained in an auto accident.

* * *

Two of the Fiscal Division employees (Area Engineers) have been ill at their homes. **Curt Spencer** of Hiram, and **Harold Clark** of East Brady, Pa.

* * *

Mose Whitley, Inspection Division, has returned to work after a long siege of pneumonia.

* * *

We are glad to see **J. P. Zachman**, of the Safety Division, out of the hospital and feeling much better.

* * *

Miss Olive (Peggy) Wright, of the Tool and Equipment Division, and **Jack Fowler**, of the Inspection Division will be married May 17, in the Cuyahoga Falls Methodist Church.

* * *

Miss June Bird, former secretary to **Captain Van Bockern**, and **Lieut. Fred H. Johnson**, Plant Protection and Safety Officer, were married May 2, in Youngstown. Attendants at the wedding were **Miss Carolyn Bush**, Atlas Powder Co., and **Lieut. R. R. Laurell**, of the Inspection Division.

* * *

A. Bartoli, Head of the Drafting Dept., Area Engineers, was married April 22, to the former **Ida Marsili** of Pittsburgh.

* * *

Frank R. Taylor, Inspection Division, was married April 11 to **Miss Kay Maloney**, of Cleveland.

Miss Grace Sherrill, of the Production Control Division, is sporting a diamond ring on her left hand. (**John Tilly** of Chicago, is the lucky man, we are told.)

* * *

E. G. Fuller, Area Engineers, has been called to active duty as a Lieutenant Colonel in the U. S. Army.

* * *

Joseph Conway, Administrative Assistant for the Area Engineers, has been transferred to the District Office in Pittsburgh.

* * *

Jim Hartman, formerly of the Property Division, has joined the ranks of employes at Scioto Ordnance Plant.

* * *

Officers recently assigned to Ravenna Ordnance Plant are: **Major K. M. Haber**, **Capt. P. N. Bryan**, and **Lieut. J. M. Fletcher**.

* * *

Miss Sue Lisco has resigned from the Property Division to accept a position with the Government Inspection offices at Firestone Tire and Rubber Co., Akron.

* * *

Miss Lois Bowen, formerly of the Production Control Division, is now with the Training School.

* * *

Mrs. Helen Barholt, Area Engineers telephone operator, entertained eight girls at dinner in her home in Garrettsville on April 18. Attending were **Mary**

DeSimio, **Henrietta Klebe**, **Margery Lewis**, **Irene Riegenbach**, **Louise Boone**, **Kathryn Moses**, **Miriam Kellogg**, and **Letha Foote**.

* * *

Bert Lewis and **Henry Kulka**, of the Safety Division, attended the All Ohio Safety Congress in Columbus, April 14-15-16.

* * *

New employees in the Area Engineer office are **Agnes Koleda** and **Vivian Kenny**, Personnel Department; **Florence Drugan** and **Ann Riffle**, Fiscal Division; **Marie Patterson**, Priorities Division; and **Clates Orr**, Property Division.

* * *

We are informed by a good, reliable source that **J. T. Taylor's** golf score looks like the poker losses of a certain popular War Department man.

* * *

Hugh Nickerson, of Production Control Division has earned a new moniker. Friday, May 1, was the birth date of his daughter, who in a short time will probably call him "Pop."

* * *

The following new employees are welcomed by the Ordnance Department; **Miss Sara McCann**, **Mrs. Hazel May**, **Miss Ruth Anderson**, and **Miss Dorothy Radas**, Property Division; **Miss Jane Hoge**, Safety Division; **Miss Irene Haid**, Personnel Division; **John Dallas** and **David Schwartz**, Production Control Division.

Army Training School to Graduate 37 Inspectors, Supervisors on May 16

First class of 37 inspectors and supervisors, brought to Ravenna from three of the nation's leading arsenals, will return home on May 16 following completion of a four week course of study under the sponsorship of the U. S. Army.

First session of the school began April 20 when inspectors and supervisors from the Louisiana Ordnance Plant, Kansas Ordnance Plant, and Lone Star Ordnance Plant began study of operations on the Load Lines, Ammonium Nitrate Line, Fuze and Booster Lines and Percussion Element Line.

Following lecture courses, trainees are given the opportunity to observe actual operations on the Lines.

Instructors in the school are Prof. J. C. Brier, of the University of Michigan; Capt. Earl D. Payne, and Henry Kulka, of the Ravenna Ordnance Plant. This staff is expected to be augmented in the near future.

At present classes are held in the Wilbur Watson Building in the Construction Camp Area. A combination school and dormitory is to be erected in the Administration Area.

LOAD Lines



The men and women operators in buildings CA-14 and CB-4 and 4a are certainly to be complimented on the splendid spirit shown by their purchase of an American flag, now proudly displayed atop a new flag pole at the main entrance to Load Line I.

Many thanks also from all of us on the Line to the Maintenance Department for making and erecting the flag pole.

The operators on Load Line II have expressed a willingness to do likewise if the Maintenance Department will continue their good work.

* * *

J. J. Zanin, House Foreman, Load Line 3, was married on April 18 to Miss **Mary Sweeney** at Tamaqua, Pa. We understand Mrs. Zanin was a former employe of the Atlas Powder Co. at Reynolds.

* * *

J. J. Somers, Supervisor, Load Line I, was married on April 11 to Miss **Florence Kennedy** at Coaldale, Pa.

* * *

Sunbeam Mix-Masters have been presented as wedding gifts to **J. J. Zanin**, **V. W. Randall**, **J. J. Somers** and **W. P. Dickinson**, by the supervisory, foremen

and inspection personnel of all Load Lines.

* * *

Now that **Bill Sheehan**, **Sam Craig** and **Bob Wehring** are snugly located in their summer lodge at Milton Lake, it is time our girls got busy and broke up this trio of contented bachelors.

* * *

We welcome to our staff, **M. J. Parsons**, supervisor; **John N. Buchanan**, **Hugh J. McCready**, **Wesley J. Nelson**, **Elmer Renstrom**, **Joseph C. Hoover**, **Robert J. Neiderhouse**, **Harry L. Faucett**, inspectors; and **Emil J. Huba**, **Andy J. Zelinsky**, **Leroy Jones**, **John E. Sinchak**, typist-clerks.

"Minute Girls of the Hour"

One of the cogs in the wheel of industry at Ravenna Ordnance Plant is "the minute girls of the hour". Appropriately named are these women, who volunteer their services in any operation at any hour to keep open a line that might otherwise be closed.

Although this may mean inconveniences to the individuals, their services keep production flowing. Thus, they are doing their part in the war effort.

Once upon a time there were

Ten little motorists, driving in line,
One tried to pass the rest, then there were nine.
Nine little motorists, sadly I relate,
One jumped a traffic light, then there were eight.

Eight little motorists, young and not so deft,
One tried to show his skill, and seven were left.
Seven little motorists, touring in the sticks,
One failed to dim his lights and then there were six.

Six little motorists, very much alive,
One did not see a train, then there were five.
Five little motorists, speeding to the shore,
One skidded in the rain, then there were four.

Four little motorists, coming from a tea,
One faced about to chat, then there were three.
Three little motorists, this is sad but true,
One slumbered from fatigue, then there were two.

Two little motorists, racing just for fun,
One passed upon a crest, then there was but one.

One little motorist, though it's seldom done,
Lit a match to gauge his tank, now there are none!

Vicious Circle?

Traffic regulation posted up on a highway in Ireland: "Until further notice, every vehicle must carry a light when darkness begins. Darkness begins when the lights are lit."

Rubber Conservation . . .

(Continued from page 6)

cept certain types of synthetics. The effect of the sun's rays is about the same as sunburn on the skin, and deadens the resiliency of the rubber content.

Garden hose should be coiled flat and stored flat, not on hooks or nails, in cool and dark storage, so that it remains dry, inside and outside.

Golfballs can be conserved by hitting them more accurately, keeping the covers clean, and storing away from heat and light.

Never place rubber in enclosed generator rooms or near electric motors. If the air contains even a minute quantity of ozone, created by the machines, it will have an extremely rapid oxidizing effect on the rubber content.

First War Bonds to be sold under the Payroll Deduction Plan went to **Ida Crowl**, Detonator Line operator, and **Lyle L. Groff**, Diesel machinist. **W. E. Fletcher**, General Manager, had high words of praise for the couple as he presented them their bonds on April 29.



TRANSPORTATION



Johnny Presents the "Transportation 'Jawns' Baseball Team"

After a month's training with Indian clubs and medicine balls, and after a month's resultant aches and pains, the Transportation Department announces the following lineup for the big game with the Berry Patch Bloomer Girls:

John McNelis — Catcher
John Graves — Pitcher
John Parsons — First Base
John Logan — Second Base
John O'Connor — Shortstop
John Keggan — Third Base
John Kemp — Left Field
John Finch — Center Field
John Bradley — Right Field
John Doe — Relief Pitcher

We have several potential stars, among them **John O'Connor** who hit a .025 in the Cactus Corner League last year. **John Graves** led the Podunk League in earned runs last year, having an average of 22.3 runs per nine-inning game scored against him. Our clean-up man, **John Parsons**, set a season's record of two home runs in the Mountain Creek League last year, his first in professional ball.

The team would like to book games with the Fuze and Booster Girls, or the Stenographic Pool.

* * *

Bill Schaer of the Motor Pool took a quick trip to Indiana on April 7, accompanied by **Miss Dorothy Pickins** of Ravenna. When they returned late that night they were no longer Mr. and Miss. Congratulations!

* * *

Swing and "jive" predominate in the Motor Pool since several of the boys have organized a Dixieland Brass Band, now known as the APCO BAND. Personnel consists of **Jack Busse, Mike Kunzo, Bill Schaer, Flip Reese, Bob Dennis, "Slap-happy" Moneypenny, Bob Miller, Vern Ricketts and Dave Stewart.** Watch for further developments.

* * *

Bob "Tiger" Lyons of the Motor Pool

has received notice to report for induction in the Army.

* * *

The following notice was posted above the Time Clock in the Old Atlas Building:

"Lost—Lunch Bucket in Group 2. Finder please return upper plate which was left in bucket. If returned no questions asked."

We are happy to report lunch bucket found and upper plate returned, although **General Foreman Cummins** is still looking for his reward.

* * *

T. B. Barnes has perfected rather an exclusive and unique system of typing. The idea itself—while somewhat intricate in execution—has a leaning toward the well-known and much catered to "hunt and peck" variety, differing in practice only by a somewhat individual technique composed of verbal antidotes which in effect and scope of flexibility have no competition.



Edward A. Slosser left April 21 to trade his Atlas badge for one of Uncle Sam's uniforms.

* * *

On April 29, the Paymaster's Division gave a farewell party in honor of **Emerson Batdorff**, who left for the Army. **Batdorff** was presented a Kaywoodie pipe and tobacco pouch.

* * *

Congratulations to **Vic Biasella**, proud papa of a 7 pound 13 1/2 ounce daughter "**Billie**" born April 19.

* * *

We believe **Art Ake** was the first in

the Plant to don one of the no cuff-no vest "Victory" suits.

* * *

Welcomed to the Financial Accounting Department during April were: **Ruth Eberhardt, Gladys Evans, Paul Rockey, Robert McCue and John Hobbs,** Payroll and Tabulating Division; **G. Ray Baskett, Sanford Metz, William C. Sawder and Norman E. Wood,** Paymaster's Division; **Mary Ann Eskay, Jean DeHoff, Alice L. Derr, Dorothy Lewis, Ralph Beal and Dorothy Sentman,** General Accounting Division.

* * *

Elwood Woodruff and **Robert Wolfe** have been transferred from the Mail and Stationery Division. Welcome! **Bill Blair** and **Howard Herbert** have been transferred to the Control Laboratory and Transportation Department respectively. Good luck, fellows. **H. C. Dinsmore, Jr.** was transferred from the Paymaster's Division to the War Savings Bond section.

* * *

Congratulations to **Floyd Yocke**, who was married to **Ann Sipp** of Akron on April 7. The Payroll and Tabulating Division presented "**Yocke**" with a gift.

* * *

Ardith Sevold and **Robert Morben** exchanged vows May 2 in the Trinity Lutheran Church, Kent. Best of luck to both of you!

* * *

We are glad to see **Eleanor Snyder** back after an appendectomy.

* * *

Although the fellows in the Paymaster's Division teased **Mary Lou Barnett** a great deal on her birthday, April Fool's Day, they presented her with a purse and a poem by the Division's poet, **Coe Burnett.**

* * *

Birthday greetings were in order during April for **C. W. Craig, D. McGowan, Kathleen Downey, Virginia Usler, Betty Newman, George Walter and S. Kupchinsky.**

* * *

The Financial Department had a dinner-dance at Twin Lake's Country Club April 18. **Mrs. Lillian Davido**, who resigned April 25 in order to devote full time to the duties of a housewife, was given a farewell gift with the wish that all of her troubles be "little ones".



SPORTS

He who makes wise use of his life allots a goodly portion of it to recreation.

Seen ON THE SPORT SCENE

By JOHN BJORKMAN

*We have a job that we all must do
We must work hard to see this thru
For the person who plays, the one who
relaxes
Will keep in condition to lick the Axis.*

K. S. U. is Scheduled

The Kent State University baseball team will play the Plant team here on Friday, May 15 at 5:30 p.m. A return game with the Staters will be played on their field on May 27 at 6 p. m.

Boxing Shows Promised

Archie Upsher, President of the Lion's Club, will promote a series of boxing shows to be staged at the Plant and in surrounding communities. R. O. P. bouts will be staged at the Construction Camp area. Admission will be free. There will be one show a month at the Plant and one outside. Ira Hughes will be trainer for the gladiators and Johnny Banks, one of the referees.

Look Out Champ!

On April 24, Ira Hughes, Maintenance Department employe, won an eight round decision over Zach Robinson in Toledo and by virtue of that victory was promised a bout with Ken Overlin, middleweight champion. Hughes, who recently suffered a T.K.O. at the hands of Billy Conn, is considered one of the best middleweights in the business. We'll all be pulling for Ira when he gets the coveted shot at the Champ!

The Grounds Are Yours

Jimmy MacKeage and men who

revamped the athletic grounds in the Construction Camp Area are to be complimented on the wonderful job they have done. Show your appreciation by not mistreating any courts or diamonds. Wear tennis shoes on all courts and don't play softball on baseball diamonds or baseball on softball diamonds. The grounds are YOURS! Treat them accordingly!

Whatsa Matta Gals?

Only two girls softball teams have been entered to date for inter-department competition. Come on gals and join the parade!

We're Waiting

We would like to hear from baseball managers of the Fuze and Booster Lines, Load Line 3, Transportation Department, War Department, and Production Control Department.

Permits Are Needed

In order to avoid embarrassing situations on the ball fields, tennis courts, pistol range or any of the other Plant courts or fields, a system of passes or permits has been set up. All you need do to reserve a spot is contact the Housing and Recreation division and your request will be granted.

Golf Courses Selected

As a result of the golf questionnaire distributed by Jack Craig and his golf committee, Aurora, Silver Lake and Eastwood courses have been selected. Employees who would like to join a golf club are asked to contact Mr. Bassett on extension 509.

Athletic Association

Plans are underway for an R.O.P. Athletic Association for all Plant em-

Meet Mr. Bassett...



R.O.P. Recreation Supervisor

Joseph W. Bassett, former Defense Area Supervisor of Recreation for W.P.A. in Portage and Trumbull Counties, joined the staff of the Housing and Recreation Division on April 20, as Recreation Supervisor.

Bassett has worked in the recreational field for the past nine years. He was graduated from St. Louis University in 1934 where he was varsity quarterback in football in '31, '32 and '33, and Freshman football and basketball coach in '34 and '35. He majored in Physical Education and Recreation.

ployes. Every person is automatically a member with Atlas badges serving as membership cards. No dues will be charged. The executive committee will consist of members representing every operating unit and shift of the Plant. Officers will be elected at a meeting to be held soon.

You can make a machine "Fool-Proof"
By safeguarding it,
But some fool can always find a way to
Remove the Safeguard.



More than 150 couples attended the dinner dance of Company B which was held at the Akron Elks Club on April 24. Music for dancing was furnished by the Akron Rythmeers. Seated at the Speakers table were **Mr. and Mrs. J. C. Donnal**, **Lieut. and Mrs. W. H. Salladay**, **Lieut. and Mrs. R. T. Shepard**, **Lieut. and Mrs. T. T. Brown**. **Capt. S. R. Lloyd** served as toastmaster.

The committee in charge of arrangements for the affair were: **Sgt. H. A. Morine**, and **Patrolmen H. R. Gombert**, **G. Torday**, **H. I. Whitfield**, **H. M. Phelps**. **Mrs. H. M. Phelps** was in charge of decorations.

* * *

United States War Bonds — "A Good Buy for America, and a Good-bye for Enemies" — is the motto that the Guard force has in mind as it prepares to buy \$55,000 worth of Bonds. A large sign at the corner of Guard Headquarters building is a constant reminder to the Guard Force of its goal. It also serves as a challenge to other Atlas employees.

This sign has been secured through the efforts of **Lieut. R. T. Shepard** and by the cooperation of the Atlas sign painters. At the center of the sign is a large thermometer, which when it reaches the \$55,000 goal will break in the faces of Hitler, Mussolini, and Hirohito, blowing them from the face of the sign.

* * *

The U. S. O. Center in Ravenna was the scene of a dance, sponsored by Company C, given for the entire organization on May 2. Music was furnished by Curley Beckwith's All Girl Orchestra. In charge of arrangements were **Sgt. M. Lamson**, and **Patrolmen J. R. Bohl**, **J. J. Johnston**, **S. C. Shugert**, and **R. D. Pinkney**.

* * *

Patrolmon O. Gruber recently became the proud father of a baby boy.

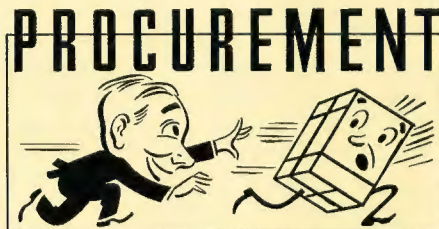
Sgt. G. A. Busch was welcomed back to Company B. after his recent illness.

Among others returning to duty after illnesses are: **J. E. Pricer**, **D. A. Dailey**, **J. W. Matthews**, **Thomas Brett**, and **E. A. Burton**. Their respective Companies welcome them back.

* * *

Among those in attendance at the funeral of **George C. Conelly** at Chagrin Falls, O. were: **Lieutenants R. T. Shepard**, **S. C. Casbourne**, and **R. R. Millikin**; **Sgt. H. A. Morine**; and **Patrolmen V. Wilkinson**, **H. B. Williamson**, **M. J. Gaskell**, **M. J. Mazick**, **C. B. Runyon**, **H. Caulk**, **C. Streigl** and **S. R. Lanyon**.

G. C. Conelly was the father of Chief **G. W. Conelly**.



New members of the Procurement Department are **Paul Gettig**, and **Clayton Lowe**, Expediting Section; **Edmund Lippincott**, Buyer; and **LeaRue Purcell**, Stenographic Division. Welcome all!

* * *

We have a bride in our midst. On April 11, our **Marjorie Layden** and **Don Vincent**, of Engineering, became **Mr. and Mrs.**. Congratulations!

* * *

Ken Lowry has moved into his new home on E. Main St., Ravenna. Stop in any time.

* * *

Mary Anne Moscatelli is very happy these days. Have you seen her new ring?

* * *

Ned Lippincott and **Ken Lowry** have been observed hoeing and harrowing with considerable gusto at the Meadowview Golf Club recently. The same energy applied to a Victory Garden would surely produce better results.



April saw the departure of three members of Plant Accounting Department for service in the armed forces. They are **Jack Simon**, **Clarence Lasky**, and **Fremont Voges**.

* * *

Mrs. Harry Herman, nee **Virginia Ekas**, was married on April 14, at the Methodist Church in Ravenna. The couple took a short wedding trip East, and are now living at their new home at Twin Lakes.

* * *

Another wedding of interest to members of the department was that uniting **Jack Barnett**, of Materials Division with **Miss Luetta Bacon**. They are making their home in Garrettsville.

* * *

The Atlas Bowling Team is enjoying the unenviable distinction of holding down the cellar position in the Warren Commercial League. Observers are undecided as to the source of the team's difficulty. Some believe it to be the loss of **Charles Meyer**, others the addition of **Bob Brothers** and **Lew Peck**.

* * *

Happy days are here again for the Department's three proud fathers, **Bob France**, **Bruce Anders**, and **Bob Bucher**. All three additions are boys.

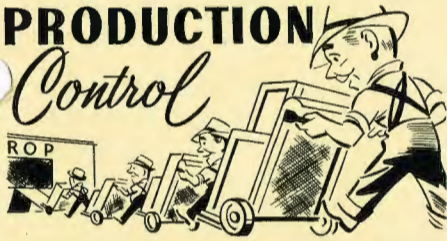
* * *

The girls in Stenographic and File Division gave a farewell dinner at the Robinhood Restaurant for their supervisor, **Mrs. Irene Kent**, who resigned. **Mrs. Kent's** place will be taken by **Miss Marjorie Day**, who in turn is replaced as chief file clerk by **Mrs. Martha Peck**.

* * *

New employees of the Cost Accounting Division are **E. H. Rinearson**, **Robert Smith** and **Walter O. Smith**; Property Division additions include **Bob Dowd**, **Harry Hay**, **John Lafferty** and **Donald Grohe**. **Catherine Egert**, **Jane Tucker**, **Eleanor Hoge**, **John Jikutz**, **Helen Barabas**, **Doris M. Bassler**, **Elizabeth Krival**, **R. L. Lewis** and **Evelyn C. Nall** have joined the staff of the Materials Control Division.

PRODUCTION Control



To say that **H. F. Guffey's** heart is not in ROP does not reflect on his attention to his job. It is just that his heart is in Marion, O. . . . (or is it marryin', Herman?)

* * *

We are glad to see **O. S. Collins** back in the Print Shop following a recent illness.

* * *

J. G. Green has moved from the Administration Building to Building 813.

* * *

This department regrets to announce the resignations of **H. L. Gunn** and **C. H. McCormick**. A farewell party was given for Mr. Gunn by his employees before his departure.

* * *

D. S. Long returned recently from Washington, D. C. where he had spent several days on business.

* * *

Wilbur Forrester has been transferred from the Load Lines to the Administration Building.

A. L. Frost left last week for Geneva, N. Y. to attend the graduation of his son, **Roger**, from Hobart College. Roger will enter the U. S. Navy upon graduation.

* * *

The **D. R. Isaacs** entertained some of their friends at their summer home on the Kent-Ravenna road.

* * *

Dave Warfield, after having witnessed the collapse of his "snuff" romance with a prominent Atlas employe, has now undertaken the cultivation of a friendship which follows the old saying—"The way to a man's heart is through his stomach."

* * *

Bill Andrews is giving up life in a trailer to move into his new home at Muzzey Lake.

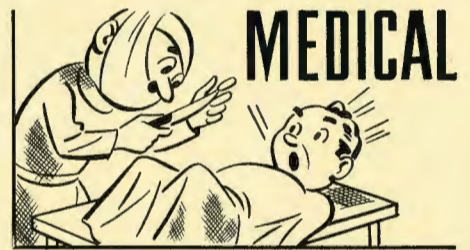
* * *

S. A. Kaye has been put in charge of the Production Control offices on the third shift.

* * *

Harry Smith, **Genevieve Kerr**, **Alta Eidenmire** and **F. R. Keating** are now issuing Stores numbers in the Accounting offices.

A little Scratch ignored today,
May become a Serious Infection
Tomorrow—"Get First Aid."



The following new employees are welcomed to the Medical Department: **Beatrice McCartney**, stenographer in the Employment Building Medical Office; **Lorraine Wolcott**, new typist in the Compensation Division; and **Richard Menough**, hospital orderly.

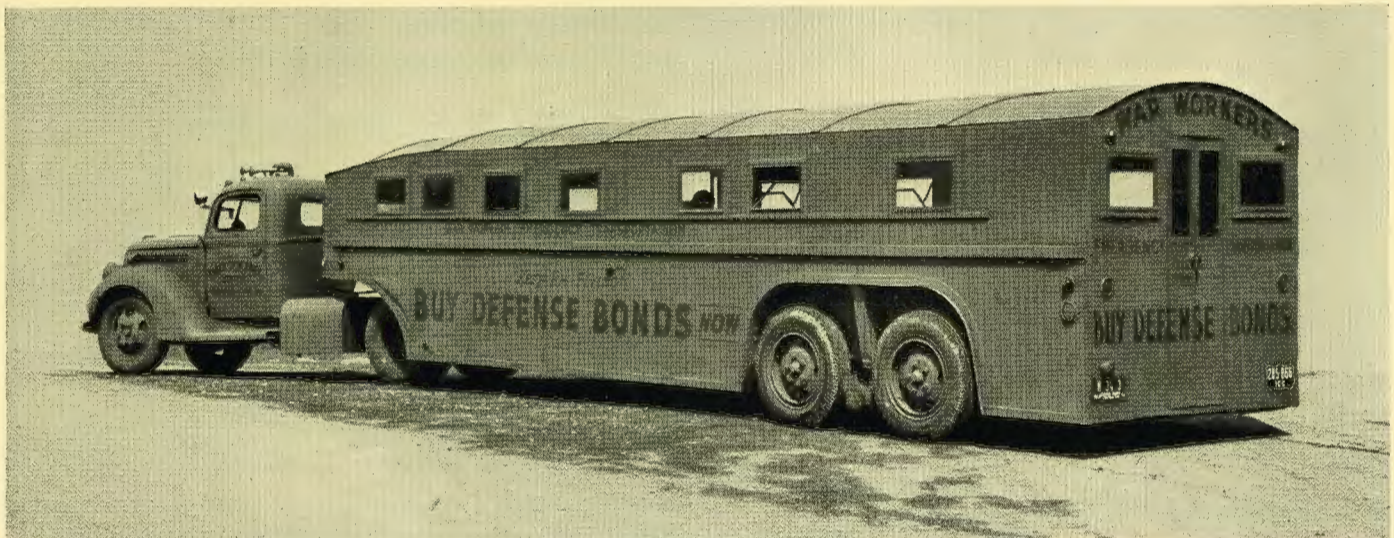
Additions to the nurses staff are **Catherine B. Benedict**, **Louise M. Caldwell**, **Margaret E. Gross**, **Rose H. Hynes**, **Evelyn Kibler**, **Doris L. Morris**, **June O'Kelly**, **Barbara K. Piehl**, **Theresa M. Roach**, **Mildred B. Rosenberg**, **H. Laverne V. Smith**, and **Vera Wiessant**.

* * *

Most of the men working at the Plant said goodbye to school and college days several years ago. However, **Peter F. Cipriano**, our Compensation Accountant, is still at it. Seriously, though, we congratulate Pete. He just finished a course in Safety Engineering at Akron University.

* * *

Miss Ava L. Peen spent a recent pleasant weekend with her family in New York State.



To meet a national transportation problem, which has threatened to retard war production, many emergency transportation programs have been formulated.

Shown above is a War Workers Emergency Transporta-

tion vehicle, transformed from an automobile convoy truck.

This bus, which weighs 8,000 pounds, may see regular service between Akron and the Ravenna Ordnance Plant. A trial run for Penn Ohio and Ravenna Ordnance Plant officials was recently made from Akron to the Plant.

**War Bond
Deductions
for April
★
\$22,005**

A MONTH ago, the Atlas Powder Co., through its president, Leland Lyon, announced that War Savings Bonds could be obtained at the Ravenna Ordnance Plant through a payroll deduction plan.

During April, great numbers of employees returned payroll deduction authorizations to John Hunter, head of the War Savings Bond Division of the Financial Accounting Department.

Atlas employees here have begun to put their shoulders to the wheel. Actual payroll deductions during April totalled \$22,005.

In reality, \$22,005 would buy one 37mm. anti-aircraft gun and 25 M-1 Garand rifles. Cost of the gun is \$20,000 and cost of the rifles, \$2,000. This would leave \$5 to purchase ammunition.

An official list of costs of military items follows:

M-1 Garand Rifle.....	\$80
Machine guns of various types and calibres.....	\$500 to \$3,000
Heavy case demolition bombs	\$100 to \$500
37mm. Anti-tank guns.....	\$6,500
37mm. Anti-aircraft guns.....	\$20,000
90mm. Anti-aircraft guns.....	\$50,000
75mm. guns.....	\$10,000
Light tanks.....	\$40,000
Medium tanks.....	\$75,000
Pursuit plane.....	\$55,000
Light bombardment plane.....	\$210,000
Heavy bombardment plane....	\$335,000

Let us move forward objectively, with every one of us setting a goal to assist in the procurement for our armed forces of as many of these items as possible.

We realize, of course, that our program of buying War Bonds has just started. It is our hope that by the time the June issue rolls from the press that the figure will be multiplied many times.

A Double Investment!

Your pay check is your symbol of life. It represents many hours of your time.

Since you have given these hours of your life in your work and received your pay in exchange, it seems only logical that you invest a portion of that pay in the purchase of War Savings Bonds. By doing so, you really are investing a part of your life, just as the men on the firing lines all over the world are doing . . . investing a part or all of their lives.

By buying War Savings bonds you and I have a part in the greatest cause

for which nations ever fought—the maintenance of standards and ideals, the protection of our homes, our wives, our children, our friends.

Your investment will be returned with interest. It will be returned as a Victory that is sure to come.

Meanwhile, let us feel that we are investing twice; first, in the time that we expend in making munitions of war at this arsenal; second, in the dollars that will make possible our Victory goal.

We are the men behind the men behind the guns!

