

THE

# SCINTILLATOR

*Published for the Employees of*

**SCINTILLA MAGNETO DIVISION, BENDIX AVIATION CORPORATION**

VOL. 2, NO. 2



AUGUST, 1943



Photo by Lambert



# UNITY!

An old proverb whose origin is said to lie in ancient sources, says, "A picture is worth a thousand words." No matter how ancient it may be, it still is applied to modern times. Our cover photo speaks for itself. Its meaning is unmistakable.

Although the dictionary gives a variety of versions applying to UNITY, one in particular strikes deeper than the others . . . and that is, "a totality of related parts—Singleness of purpose."

We are engaged in what is termed as a "total war," a conflict engulfing every phase of our national economy and daily life . . . calling for "Totality of related parts" in its fullest measure if we are to survive and win.

No American will hold himself aloof from our united effort to win, if he stops to realize he is jeopardizing the future of his fellow-Americans and his country. The issues in this war call for, and must have, action—but it takes every bit of individual fortitude (guts, if you prefer) to achieve a complete and total national unity.

Home Front . . . Aggressive National Leadership . . . Fighting Front . . . these are the three units that must be welded into inseparability for the job to which we are pledged and which must be finished. Failure by any one of the three will result in a Dark Age unmatched in the history of America . . . or of the world.

Opinions are that the course of the war is swinging in our favor. But now is the time to search our consciences, to ask ourselves: are we honestly doing our best and all we can, to win this war quickly and bring both our former fellow workers and present fellow workers' sons in the armed forces, home again?

Now is the time to put our collective shoulders to the wheel. Let's carry our share of the load. Let's exemplify UNITY!



MRS. HELEN J. JUDD (23-1195) has a real stake in this war . . . four sons in the service, and a fifth with request filed for entrance into the Air Corps. See story.

## A Big Stake in This War

Mrs. Helen J. Judd (23-1195) is setting an enviable example in her contribution to the war effort. With four sons in the Services, and a fifth preparing to enter, she is backing them up by her own work in a war plant.

Corp. Joe T. Judd was inducted January 17th, 1941 at Hartford where he worked at Pratt & Whitney. He has been with an anti-aircraft unit in Africa since last November.

A/C George G. Judd enlisted in July, 1942, in the Aviation Cadet Reserve. He was called to service from Cornell University in April of this year. He is now stationed at Toledo University, Ohio.

Lieut. Stephen O. Judd enlisted the same date, and was graduated from the Aloe Army Air Base in June of this year. He is now undergoing bomber training in New Mexico.

Pvt. Richard S. Judd enlisted in May of this year and was inducted into the Marines on June 28th. He expects to graduate from Parris Island "boot" training on August 28th.

A fifth son, Gleason Judd, has filed application for enlistment in the Air Corps.

We take off our hats to Mrs. Judd and her fine family of fighters.

## "Bunker" Halbert Missing in Action

A Telegram received August 11th from the War Department by Mrs. Truair Halbert, Jr., announced that her husband, Staff Sergeant Truair "Bunker" Halbert, is missing in action. "Bunker" was tail gunner on a bomber which was lost over Germany in a July 30th raid. He was employed in the Mail Department prior to entering the Armed Forces.

He joined the Air Corps about a year ago and has been overseas for several months.

## Plant Site Ration Board for Scintilla

Through the efforts of your Labor-Management Committee a Plant Site Ration Board at Scintilla Magneto Division has been established by the office of Price Administration. Motive behind this move is to provide convenient rationing facilities for Scintilla employees, saving them both time and money in serving their rationing requirements.

The new Plant Site Board will process and ration the following items: Gasoline for highway use (both passenger cars and motorcycles)—all passenger car and motorcycle tires—new automobiles—adult bicycles—rubber boots and work shoes needed by workers for their jobs at Scintilla.

Employees must observe the following rules and regulations applying to operations of the new Board.

1. While you are employed at Scintilla, you will not be able to obtain any of the above mentioned rationed items from your usual rationing sources . . . they must be obtained through your Plant Site Board. It is very necessary that every employee owning or operating an automobile or motorcycle immediately deliver his Tire Inspection Record to the Personnel Office. It will be marked with the employee's department and clock number, recorded and forwarded to the Plant Site Board. Upon its receipt there the Plant Site Board number will be placed on it, and a copy forwarded to the original Local Board which, in turn will mail to the Plant Site Board

the original Basic A tire mileage registration, for the files of the new Board.

No gas rations can be granted by the new Board until the Basic A Registration is in their possession. Therefore every employee should deliver his Tire Inspection Record, without delay, to the Personnel Office.

2. All applications for gas over the A Book allotment must be made on a supplemental (not renewal) form. Supplemental blank forms may be obtained at the Personnel Office. After being filled in, they will go to the Transportation department for checking, then to the Plant Site Board for processing. All granted rations will be sent back to the Transportation Department for distribution.

3. Employees needing automobile tires must have their applications certified by a qualified Tire Inspector, stating the condition of the tire or tires to be replaced. This application is to be presented at the Personnel Department, whence it will be sent to the Plant Site Board for consideration and action.

## Bond Drive Scheduled for September

Plans are being completed at Scintilla to cooperate with the next national War Bond Campaign now scheduled for early in September. Program for the local tie-in has not yet reached the finished stage, therefore no definite statement can be made now concerning its nature. However, we understand it will be of interest to every employee, and will be full of pep.





UPPER LEFT—W. Arthur Elliott, Instructor in our Lewis Building School for Service Men, points out various operational features of cut-away magneto. Upper right—View of lecture room in School. Lower photos—Members of Service class receiving practical training by actual repair work on magnetos.

## 400 Trained in Service School

Although the Scintilla Service School is relatively young in years, it already boasts an Alumni group of over 300 Navy and Army personnel, plus about a hundred of our own plant and office employees. Operated under the supervision of the Service Department, the school gives students a balanced training in the theory, operation and repair of Scintilla ignition equipment.

The need for a training program was foreseen a number of years ago by Mr. L. W. Trees, Service Manager. The school, however, was not actually established until the summer of 1940, when a basic plan was formulated and the selection of material for the courses was begun by members of the Service Department.

In planning the courses, it was necessary that the information be kept closely aligned with the practical needs of the Army and Navy. In doing this it was felt that considerable emphasis should be placed on the equipment and tools used in servicing the various types of magnetos, providing adequate opportunity for trainees to become familiar with this equipment.

Realizing also that rapid technical developments in wartime may cause certain phases of a purely practical course to become somewhat out of date, a thorough training in magneto and fundamental electrical theory was made a part of the program.

Absence of a satisfactory school room necessitated representatives of the Army, the Navy, airlines and distributors coming to Scintilla for service instruction, being taken into our shop for this work. This was accomplished through the good cooperation of Mr. Rene Pittet, Supervisor of our Assembly Department, and Mr. Gerald Walker, then Foreman of the Service Repair Department. During this formulative period the students were handled by Mr. Ogden Hamilton and Mr. Joe Moore of the Service Department.

At this time the details of the course were being studied and gradually assembled, and by April 13, 1942, the first syllabus of the course was completed and classes started under the supervision of Mr. Ogden Hamilton as instructor. The classroom was then located in the factory building in a small corner of what is now the Personnel Office. Despite the small space, a large group of students were

To provide additional space the School was later moved to the mezzanine floor over the Assembly Department office. Here real mass production of Army and Navy graduates began. Additional equipment was secured to enable complete demonstrations of electrical and physical phenomena associated with magneto operation, and again the need for more space became increasingly obvious.

## A War-Time Opportunity For Scintilla Employees

Courses for College Credit Will Be Offered at the Hartwick War-College Center at the

SIDNEY HIGH SCHOOL

Beginning Sept. 27, 1943

Classes Will Meet Twice a Week

Class Hours: 4:30 to 6:00 Afternoons  
7:30 to 9:00 Evenings

Semester Comprises 16 Weeks

Tuition Fees for College Credit:

1 three-hour course \$25

2 three-hour courses \$45

3 three-hour courses \$65

Tuition Fees for Non-College Credit:  
Per Course \$15

If you are interested, please complete this form and send it to Office 68.

Name .....

Address .....

Clock No. .... Shift .....

Preferred Time (check)

4:30 to 6:00 PM. ....

7:30 to 9:00 PM. ....

Courses Interested In (please check)

..... Art Appreciation — World's  
Greatest Masters

..... Economics

..... English

..... Inorganic Chemistry

..... Foods and Nutrition

..... College Algebra and Trigonometry

..... General Psychology

..... Secretarial Training

..... Public Speaking

..... World History

Schedule of classes will be announced as soon as preliminary applications have been checked.

## Note of Thanks

A recent letter from Mrs. Ralph Edwards of Morris, N. Y., reads as follows:

"Would you kindly print this note of appreciation for the thoughtfulness and kind sympathy given us by the employees of Scintilla, in the next edition of the Scintillator? I can't thank you half enough, but I do want each and every one of you to know I am truly grateful.

Mrs. Ralph Edwards and Family.

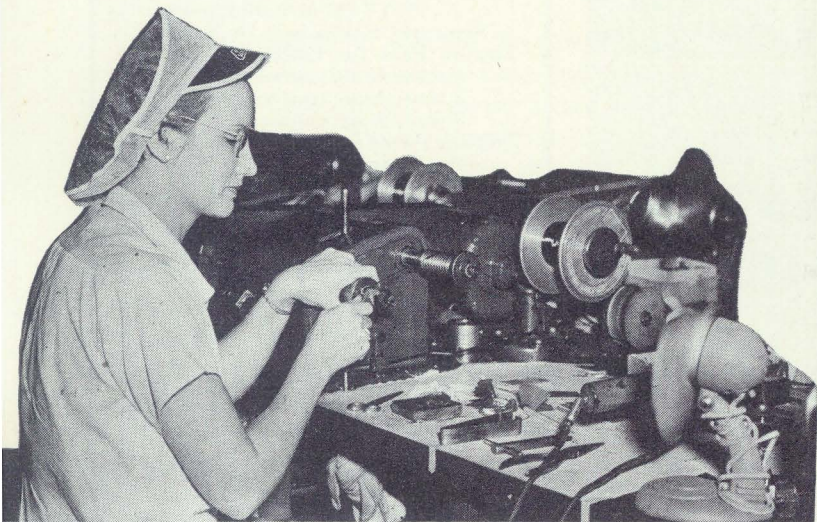
Later, the needed space for the two rooms which now house the school, was made available in the Lewis Building. One of these rooms is devoted to lecture and demonstration classes. The other is provided with benches for individual overhaul work by the students. The present courses are conducted under Instructor W. Arthur Elliott and his assistant, Esie McWhirter. The course occupies two weeks. The first four days are devoted to lectures, demonstrations and films relating to theory and fundamentals. The balance of the two-week period is given over to practical experience in handling and repairing of magnetos.

At the present time we are receiving students in groups of twenty from the Army, Navy and Marines. The total number of graduates of such students stands now at 307. Present plans are to increase the size of the classes to approximately 40 students, rotating 20 every week.



# ★ ★ ★ LINKS IN OUR PRODUCTION

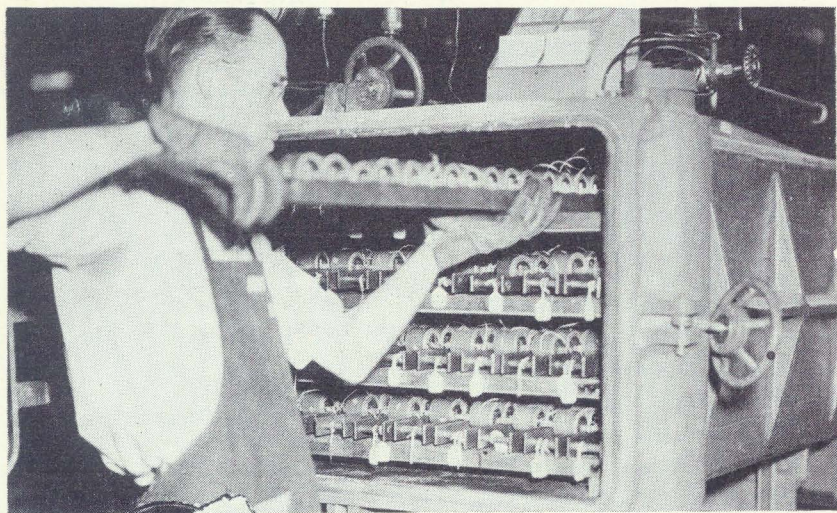
## COILS AND



MRS. MINNIE REYNOLDS (15-110) shown performing a Primary Coil Winding Operation. About 40 ft. of copper wire are used for each Primary Coil Winding.



MRS. HELENA CLARK (15-322) pays close attention to her job in Condenser Stacking operation.



REMOVING WINDINGS from the Vacuum Curing Ovens . . . Arthur Tietjen (15-313) is shown removing tray. Yes, it's hot! Oven is equipped with two controls for each shelf, to maintain proper temperature throughout Oven.



COIL UNDERGOES inspection by Miss Doris Payne (23-996). Mounted magnifying glasses are used to magnify small parts and emphasize any defects.

This month's installment of "Links in Our Production Chain" brings us to Department 15, Coil and Condenser Department, supervised by Morris L. Benedict.

It was around 1926 or 1927 . . . about the same time that Mr. Benedict joined Scintilla . . . that this department came into existence. A Swiss representative of the organization came to Sidney, bringing with him one machine for Coil Winding. The department consisted of only several employees at the start, but their staff now runs into the hundreds.

Many of the machines now in use in the department are designed by our own engineers and made to specifications by outside manufacturers. Some of the machines will wind several coils at one time, and are known as multiple winders.

Anyone familiar with this department immediately recognizes the fact that it is overwhelmingly feminine . . . and for a good reason. The various operations performed there involve handling of numerous small parts, with the added necessity for a delicate touch in operating much of the mechanical equipment. Experience has proved that women are better suited than men for this type of work, as they are generally more skillful with their hands, and their reflexes more highly developed. Which explains why only 10% of the total number of Department 15 employees is men.



# CHAIN - - - DEPARTMENT 15 ★ ★ ★

## CONDENSERS



A JOB THAT REQUIRES meticulous care . . . soldering operation in Coil Assembly. Even a minor flaw in soldering can mean death to a flier if soldered part or wire gives way. Mrs. Vera Carr (15-471) is shown in photo.



M. L. BENEDICT, Supervisor of Department 15, and Department Clerk, Mrs. Doris Knapp, check over a batch of the many daily records that must be kept to insure smooth functioning of the Department.



SECONDARY COIL WINDING is the operation in this photo. Mrs. Helen Bookhout (15-289) is the operator. This Coil requires about one mile of copper wire smaller than a hair in diameter.

In addition to coils, several types of condensers are manufactured in 15, but inasmuch as our space is somewhat restricted we are obliged to limit our story. Therefore we have chosen to give only brief mention to that phase of manufacturing, electing to confine our comments chiefly to Coil making.

The Coil has one of the most important jobs of all magneto parts. Thousands of times a minute it must convert the energy of the spinning magnet into high voltage current for firing the engine's spark plugs.

It consists of a primary and secondary winding, both of which are wound on an iron core, and carefully insulated. The high voltage is produced in the secondary winding, while the primary provides a means of storing up and controlling the energy until the engine is ready to receive the spark.

(continued on page 10)



SLIGHTLY MORE COMPLICATED is this machine known as a multiple Coil Winder. The operator is Mrs. Evelyn Mitchell (15-170).



MISS REBECCA BISBEE (15-154) has full quota of necessary parts within easy reach. Her part in Scintilla war effort is Finished Coil Assembly work.





BROKEN TOOLS are "breaks" for the Axis! Tool Room Supervisor, John Beyen, and Chief Tool Inspector, Roland L. Barratt, show examples of typical broken tools. All tools shown in photo were put out of commission either through improper handling or carelessness.

## *Tools Are Weapons...Use Them Wisely!*

In the concerted effort to BACK UP OUR BATTLESKIES, one especially vital phase of our operations deserves the closest attention of every employee concerned. And that is to reduce the number of Tool casualties caused by spoilage and breakage . . . Tools made unfit for service through carelessness or incorrect handling, or faulty hand-grinding on shop emery wheels.

This includes the many Fixtures, Drill Jigs, Gages and—yes, the lowly Tool Bits—particularly those with Carbide Tips.

**TOO FEW EMPLOYEES** realize the tremendous amount of time and effort by Tool Engineers and Toolmakers (whose time is highly valuable in the war effort) that goes into the making of these Tools!

**TOO FEW EMPLOYEES** realize how difficult it is to obtain the raw stock from which these Tools are made, due to the shortage of certain materials which must be imported from other countries!

**TOO FEW EMPLOYEES** realize how easily these Tools are damaged, sometimes beyond repair!

**TOO FEW EMPLOYEES** see for themselves the hundreds of damaged Tools that pour into the Tool Room every day!

A good General who spends much time and effort in training his men to become efficient soldiers, experiences mental anguish when they return, broken and maimed, from the battle lines. The same is true of the conscientious Tool Designer and Toolmaker when the product of his hand and brain comes back, battered and mutilated, from the Production Lines . . . casualties due to poor judgment on the part of the user.

Guns, planes, tanks and ammunition are the stock in trade of the soldier on the fighting front. Tools are the weapons that help win the war on the Production Front. Let's treat them as allies . . . not as enemies.

A damaged Tool is incapable of producing quality work . . . and poor quality is a direct reflection on the skill and ability of the operator. If you must rap a Tool or Fixture, rap it with a plastic hammer . . . not a steel hammer. If a Tool must be changed or altered, take it to the Tool Room where facilities are available for doing the job properly. If Taps, Drills or other Tools consistently break in your machine, have a qualified investigator determine the cause and correct it. Don't allow such a condition to continue. If you deplete the stock supply of certain Tools, your machine may be tied up until replacements can be obtained . . . which may take weeks, or even months.

According to Tool Room Supervisor John Beyen and Chief Tool Inspector R. L. Barratt, the value of the few damaged Tools shown in the photo with this article is about \$1,000. Since the tools shown are only a small portion of the monthly casualty list, it is obvious that the toll, on a yearly basis, reaches staggering proportions.

The need for more horse sense in the care and use of Tools is most urgent. Let's

## Thoughts From the Suggestion Department

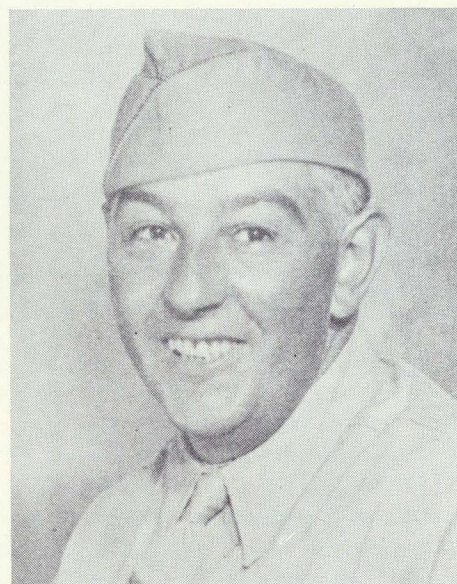
From a wrecked airplane, two abandoned trucks, a worn-out tractor and parts from an unused copper-mine works, American soldiers in New Guinea have built a sawmill and over the set-up placed a sign reading "Papuan Bored Lumber Company." As an example of making the most out of what is at hand, this should take a prize.

Let's try matching wits and ingenuity with these soldiers. Are we getting the most possible out of the tools or materials we have at hand? Check and study the situation and see if you can find room for improvements that will better our production. We'll welcome your suggestions, so put them in writing and into the suggestion box!

In order to bring out the real merits of your ideas, many of the Suggestions submitted require extended investigation . . . some, experimentation.

If you are not notified of the disposition of your suggestions as quickly as you feel you should, just remember that you will hear from us as soon as the investigation is completed.

In the meantime, why not put in the other ideas which you have, And when your idea requires making a sketch, please put the sketch on separate paper.



SGT. CHARLES L. JONES entered the Army on Jan. 5, 1943, and has spent all of his training period with a Medical Detachment in Massachusetts. Before going into service he worked on Line 54.

stop wasting these hard-to-get essentials . . . let's stop wasting the hard-to-get manpower that goes into their making. Let's treat them not as enemies . . . but as valuable allies helping us to BACK UP OUR BATTLESKIES!





Noon-hour scene by the boiler room . . . "barnyard golf" enthusiasts all! Upper left—Charlie Ashton proves his point by flashing a pocket rule . . . Art Petrosky looks unconvinced. Upper right—Petrosky caught in the middle of a pitch. Lower right, l. to r.—Charlie Ashton, Ken Payne and George Mischler keep their eyes on the peg as they swing into action. Circle inset—Two ringers and a near miss by Petrosky and Ashton. No, they're not faked!

## Department 22's Year-Round Pastime

We've seen plenty of golfers risk domestic warfare by practicing putts in the living room, but we never before realized that "barnyard golfers" would go so far overboard on their game as to keep the shoes flying in winter as well as summer.

This revelation came to us a few days ago when your reporter and Staff Photographer, Norm Meagley went out to "shoot" the lunch hour foursome from Dept. 22. They swear by all that is good and holy that they are year-round pitchers, and enough of their pals back them up to make it sound convincing. We'll take their word for it, anyway.

We assume that the two pairs of shoe tossers are still on an amateur basis, although they have progressed to the point of acquiring Managers. The team of Ken Payne and Art Petrosky has its worrying done by P. J. Kelly, while on the broad shoulders of Jim McGregor rests the responsibility for keeping George Mischler and Charles Ashton on the winning side of the ledger.

Competition is usually keen, with many games running 21-20 or 21-19. It is a common occurrence to see three ringers out of four pitches. And there's no guessing

on the close ones. A pocket rule is kept handy for the special benefit of the doubting Thomases.

Every lunch period finds the gang in full swing on the special court at the East end of the boiler room. Several benches provide seating space for the jeering section, which comes out in full force. While no one would suspect horse shoe pitching as being a hazardous sport, there are some angles that a spectator should know about. We're thinking of the innocent onlooker, whose glasses were broken by a flying stone flipped up by a stampeding shoe.

Go out and see the boys in action—but be sure to wear your goggles!

**"I would like to take this opportunity to thank the many people who remembered me during my recent illness. The kindness which prompted you to send the cards and flowers and gifts which I received will not be forgotten.**

**Sadie A. Wolf.**

## Bendix Announces Seven Executive Staff Promotions

Management officials of Bendix Aviation Corporation in this area were named recently for new posts of increased responsibility under a wide program of Bendix executive promotions announced by Ernest R. Breech, president.

Included in the company's program of advancement for numerous executives, are new appointments to top local management of Bendix plants in Philadelphia, Baltimore, Red Bank, N. J., Brooklyn, Norwood, Mass., South Bend, Ind., and Owosso, Mich., it was stated.

N. B. McLean, former general manager of the Philadelphia Division, advances to the Marine Division as general manager, where he will be responsible for the output of critical war products from factories in Brooklyn and at Norwood, Mass., Breech said.

McLean's advancement, according to the Bendix president's announcement, follows an outstanding record of achievement at the company's Philadelphia Division. This division started operations in a vacant plant, and rapidly expanded under McLean's able direction to the point where it is currently producing more than 180,000 aircraft instruments monthly.

He first joined Bendix in 1929, as a machine operator at the Eclipse-Pioneer Division, and after successive promotions through other departments, came to Philadelphia as assistant general manager.

Succeeding McLean as general manager of the Philadelphia Division is T. W. Tinkham, formerly general manager of the Bendix Products Division at South Bend, Ind., where production has increased five-fold since 1940 to meet the wartime demand for aircraft and tank equipment.

Prior to joining Bendix in 1940, Tinkham was works manager of Vauxhall Motors, Luton, England, from 1929 to 1933 and expanded that plant from production of 3,000 passenger cars a year to 80,000 cars and trucks annually. In 1934, he was put in charge of all overseas manufacturing operations for General Motors. He had previously held responsible posts with Packard Motor Car Company, Olds Motor Works and American Laundry Machinery Company.

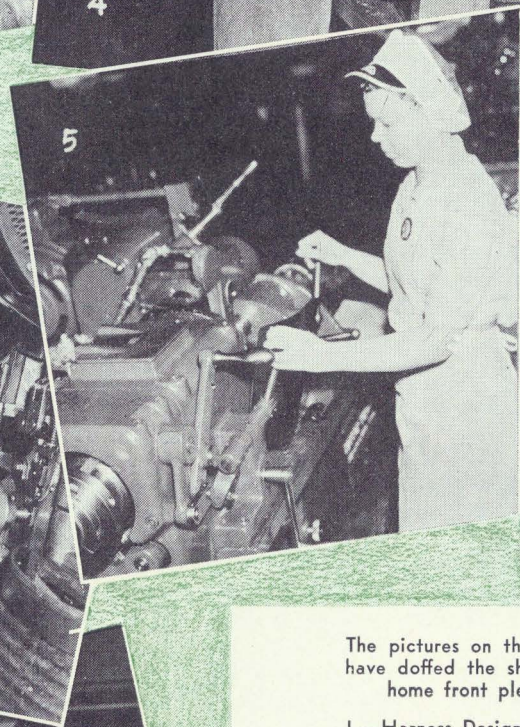
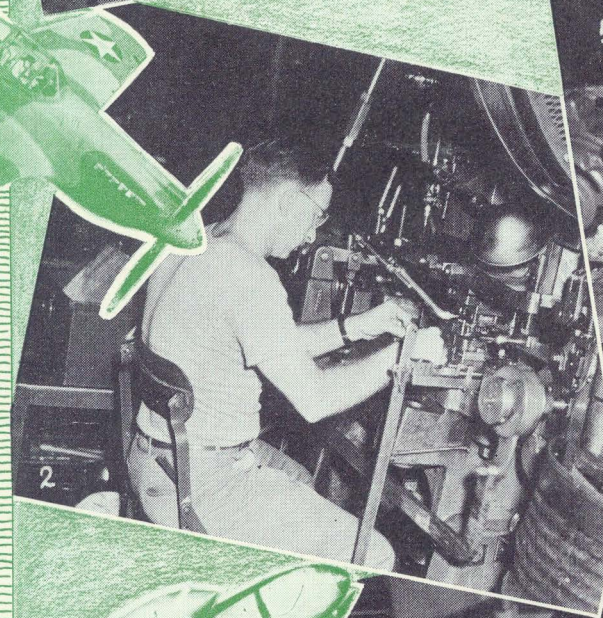
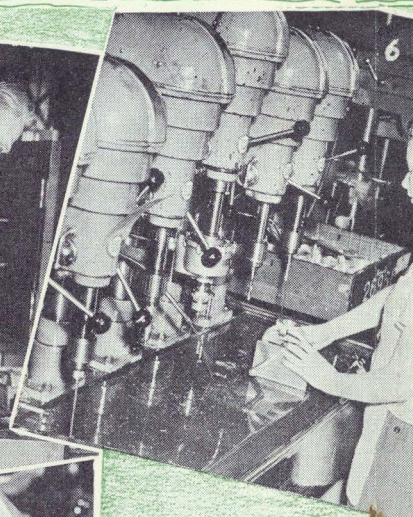
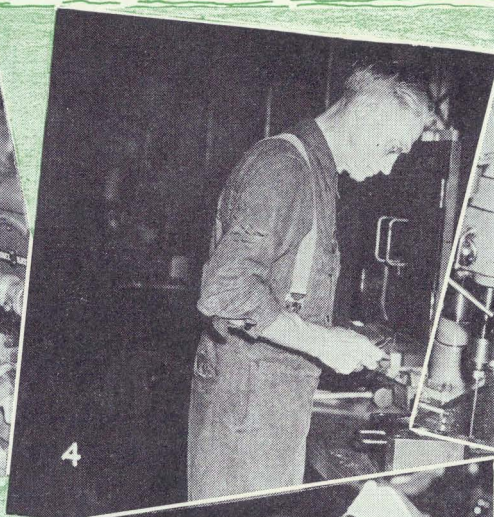
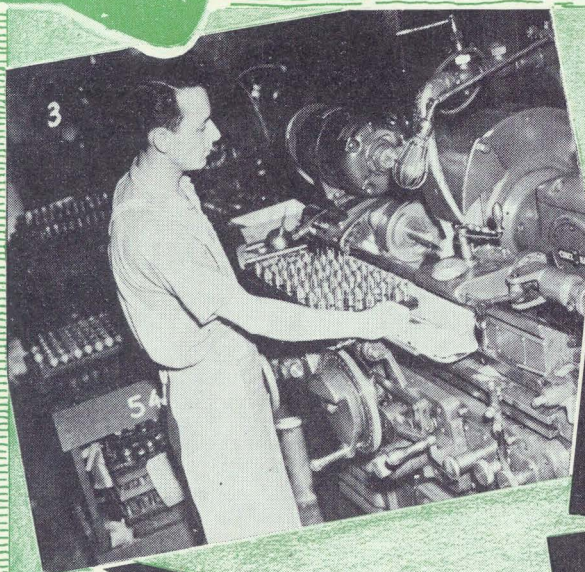
Five other executive promotions were announced by Mr. Breech. A. C. DeAngelis, who has been plant manager at the Red Bank (N. J.) plant, becomes general manager of the Friez Instrument division at Baltimore. W. B. Paine who has been acting general manager of the Owosso (Mich.) division is appointed general manager.

H. A. Poole, formerly works manager of the Norwood division, is made plant manager of the Red Bank plant to succeed DeAngelis. R. H. Crippen is named works manager of the Norwood plant, succeeding Mr. Poole. George E. Stoll, who has been assistant works manager at South Bend, becomes assistant general manager at that plant.



# TO OUR COMRADES ON THE FRONT

*We are on the Job to BACK YOU*



The pictures on these two pages are presented especially to our comrades on the front. They have doffed the shop clothes in favor of Uncle Sam's uniform. We are on the home front pledge our continued loyalty and support.

1.—Harness Design occupies the attention of George LaVergne. The clatter of his Punch Press reminds LaVergne of the roar of planes of planes roaring over the Axis. 3.—Reed Davidson (23-54) is engaged in Bevel Grinding operation in the Cam Machining Department. He gives attention to the heat wave . . . it's hot.

5.—Giving full attention to the job is Marie Platt Whitney Thread Miller. 6.—Anna Bennett (44-61) is engaged in Shield part. 7.—Final Inspection of Breaker Support ring (23-27) and Catherine Davis (23-555). 8.—No, it's not Automatic, operated by . . .

9.—Every turn of the screw driver is a poke at the Axis. 10.—Axle Inspection on Line 51, as performed by Lucy Bender (23-1607), Mary Smith (23-1210) and F. Bell (42-44) engaged in Burring Operation on a Magnifying Scintilla "mags" off to active duty is performed by L. to r.—Claude Leonard, Theodore Babcock.



# THE FIGHTING FRONTS...

## WAKE UP OUR BATTLESKIES!



...especially for the men and women of Scintilla who are in the armed forces. We who fight the war on the home front support our comrades on the fighting front.

1.—George Swanson, (6-18), Engineering Department. 2.—Clapper (21-81) that he is helping to keep a swarm of bees (54-18) caught by the camera, in the midst of a fight in the Engineering Department. 4.—William Tuckey (24-9) pays no attention to the heat, it's always hot in Rubber Molding.

5.—Platt (34-267), who is shown operating a Hanson (4-61) performs a Drill Press operation on a Radio support. L. to r.—Ruth Rowland (23-845), Ann Herndon (23-1110). 11.—Ambrose Campbell (23-1110) a Magneto Housing Assembly. 12.—Last step in sand casting performed by these four members of the Shipping Dept. Babcock, Philip Wood and Clifford Currie.

13.—At the Axis. C. J. Myers (16-17) assembling a Timer. 14.—Assisted by three feminine Production Soldiers. L. to r.—Ruth Rowland (23-845), Ann Herndon (23-1110), and Florence Decker (23-1110). 11.—Ambrose Campbell (23-1110) a Magneto Housing Assembly. 12.—Last step in sand casting performed by these four members of the Shipping Dept. Babcock, Philip Wood and Clifford Currie.





"MISS W. I. B. C." is a bomber dedicated to the Women's International Bowling Congress, whose members raised the money to finance its construction. Miss Dorothy Ruff, Dept. 15, turned this picture over to us for publication, with the thought that many of the Scintilla workers who contributed to the bomber will be interested in knowing that it is now an actuality. Details as to make of plane are not available. Men in picture are Capt. William J. Chum, Pilot, and Master Sergeant William Moorhead.

### Production Chain (from page 5)

Starting point in manufacture of a coil is the core, made of a soft laminated iron. The primary winding is made directly on the core, with alternate layers of wire and insulation. The secondary winding is made on the top of the primary, in the same manner. Both operations are performed on specially designed winding machines. The wire used for the primary winding is coarse by comparison to secondary wire, which is smaller than a hair in diameter! Every secondary winding uses about a mile of this fine wire. A year's supply for both primary and secondary winding purposes, if laid end to end, would encircle the earth at least 12 times. In weight it is approximately 1080 tons.

After winding operations are completed, windings are vacuum cured in an oven, to draw out any moisture and to set the varnishes.

Next step is assembly of the winding with the coil housing. Coil is then put through a vacuum process whereby it is filled with a compound that acts as further insulation. The vacuum process exhausts the air from the coil, at the same time drawing the compound into every cavity, filling it completely.

Final assembly and testing bring the cycle to a close. A special cabinet is used for testing purposes, indicating voltage, endurance, etc. Final inspection also takes place at this time.

A coil is unique in that workmanship on it cannot be checked by the usual mechanical standards used in routine shop practice. The individual operators' skill, ability and honesty must be relied upon to a very great extent. After a coil is

wound, a defect in workmanship might not show up in a final test. For example, in the winding operation alternate layers of wire and insulation are piled up in such a manner that a flaw could not be discovered without actually tearing the work apart again. Operators are trained to be most exacting in their workmanship, carefully checking their work as they proceed. Each operator is, to a certain extent, an inspector. Every effort is made to reach perfection in the manufacturing

Numerous soldering operations are required as the coil gradually takes form. These operations deserve special mention as they are, literally, a matter of life and death. Specific rules are set up governing the method of applying solder, rules that must be observed strictly. A faulty soldering job may mean death or severe injury to a flier. If a poorly soldered connection should break while a plane is in combat, it could very easily interrupt the flow of current to the spark plugs, causing engine failure. And engine failure while in combat is apt to mean "curtains" for the flier. The worker behind the soldering iron must be trustworthy.

That's why Mr. Benedict stresses the old adage, "Honesty is the best policy", in his instructions to all new employees. And there are many good reasons why all of us should follow the same advice in our own jobs.

### Suggestion Box for Lewis Building

The Suggestion Department has asked us to announce that a Suggestion Box has been placed in the Lewis Building for the convenience of employees working there.

Going to Work  
With sleepy eyes we greet each other  
every day,  
And ride past Golden Rod that nods  
along the way.  
The pristine hills, dew-washed, flow  
past the car,  
And in the west above a peak, a fading star  
Shines sleepily, as on we speed to  
work afar.

Gene Hilworth



N. B. McLEAN whose appointment as general manager of the Marine Division of Bendix Aviation, which has plants at Brooklyn and Norwood, Mass., was announced recently by Ernest R. Breech, president. McLEAN was formerly general manager of the Philadelphia Division.



T. W. TINKHAM whose appointment as general manager of the Philadelphia Division of Bendix Aviation Corporation was announced early in August by Ernest R. Breech, president. Tinkham was formerly general manager of the Bendix Products Division, at South Bend, Ind.



# HOBBY . . . ... COLUMN

By Bo Barratt

## Stamp Collecting

We are pleased to welcome Mr. Frank Puccio, Engineering Dept., as our guest hobbyist this month. We appreciate his cooperation in furnishing the following article dealing with his stamp collection. Accompanying photos show a few of the many specimens in his collection.

The average person gives little thought to the amount of effort, planning and intricate machinery necessary to collect and deliver a letter which has been franked for mailing.

A small piece of colored perforated paper enables a person to write to another individual who may be thousands of miles away, in a small isolated outpost far inland, or on a tiny island buried in the vastness of our oceans.

The transportation of mail is the largest and best organized international business in existence. In spite of material obstacles, space, and time, only one letter in a hundred thousand is lost except in cases of accidents, which are very few.

The collecting of these small pieces of colored paper, which enables a writer to obtain the service desired, is fascinating and instructive.

All of the countries issuing postal paper portray their historical, industrial, economic, and social life on their stamps. Most of them are attractive, colorful, and very well designed. These considerations have become more important during the past decade as countries learned to appreciate the advertising that their adhesives carried. Many issues are put out chiefly for propaganda purposes and with good effect.

Some of the "tiny islands" buried in the immensity of the seven seas are very interesting, but little known.

Among these little-known islands are the Gilbert and Ellice groups in the central Pacific. As the name implies, there are two groups; the Gilberts, consisting of 17 small atolls or coral reefs in the north, and the Ellice numbering only nine, in the south. The two groups are about 600 miles apart. In 1934, the last census showed that the Gilberts were occupied by 30,000 natives and 200 whites; and the Ellice by 4,000 natives and 10 whites. The total sale of stamps during the year averages approximately \$5,000. The chief export of these reefs is phosphate . . . found in large quantities on Ocean Island, the largest of the Gilbert group. Other exports consist of copra, coconuts, herbs, and roots for medical purposes. Ocean Island has a very fine harbor and provides excellent coaling facilities for steamers.

(continued on page 13)



## "PHILADELPHIA STORY" POSTPONED

Erling F. Hellan, president of the Scintilla Little Theatre, announces that *The Philadelphia Story*, which was scheduled for production on September 30th and October 1st, necessarily must be postponed because members of the cast have been

called to the armed forces or to positions which keep them out of town. The group cannot continue to function until additional members join the club. All who are interested in dramatics are invited to contact Mr. Hellan at extension 245.



1 and 2—Gilbert and Ellice Islands Issues of 1911, both of 1-penny denominations. No. 2 pictures pandanus tree mentioned in accompanying article.

3, 4, 5, 6—Issues of 1921-27, in denominations of 1/2 penny, 1 penny, 4 pennies and 1 1/2 penny. 7, 8, 9, 10—1935 Issue commemorating the Jubilee of Britain's King George V. Denominations are 1 penny, 1 1/2 penny, 3 pennies and 1 shilling.

11 and 12—Issues printed in 1937, in honor of the Coronation of George VI. Denominations pictured are for 1 penny and 1 1/2 pennies.



# ESTIMATED INCOME AND VICTORY TAX DECLARATION DUE SEPTEMBER 15

This is just a gentle reminder that Uncle Sam will be expecting to hear from most of us on or before September 15th. Even though a substantial chunk of your weekly pay is already being deducted for financing the war, you must also file a declaration of estimated income and Victory Tax, if your salary falls within certain classifications (see table below).

The sample completed form 1040 ES accompanying this article illustrates the computation of a mythical John Jones . . . married, with two dependents, wife not working. It is based on his income of \$4,000.00 for 1942, and his estimated income for 1943 as \$4,500.00. Mr. Jones elected to fill out the simplified form 1040 ES, which can be used by individuals having income of not over \$10,000.00 per year.

It is suggested that the simplified form be used if your deductions (such as interest, taxes, contributions, etc.) do not exceed 8% of your estimated net income for the year.

Taxpayers preferring to compute their tax more precisely may do so on an alternative 4-page work sheet (having same form number). A tax saving would be effected if your deductions, such as interest, taxes, contribution, medical, dental expenses, losses from fire, storm, casualty, theft, etc., exceed 8% of your estimated net income.

Individuals who will be required to file a declaration by September 15th are those whose income brings them within any one of the following four classes:

1. Gross estimated wages for 1943 in excess of . . . . .	\$2,700	Single	Married (aggregate of husband & wife)	\$3,500
2. Gross actual wages from 1942 in excess of . . . . .	2,700			3,500
3. Gross estimated 1943 income from sources other than wages in excess of . . . . .	100	100		100
AND				
gross income from all sources (wages and other) in excess of . . . . .	500	1,200*		
4. Gross actual 1942 income from sources other than wages in excess of . . . . .	100	100		
AND				
gross income from all sources (wages and other) in excess of . . . . .	500	1,200*		

(\*) Or \$624 for each spouse.

Due to the large number of our employees and the shortage of clerks, it will be impossible for the management of Scintilla to provide assistance in preparing the above forms. However, it is understood that the Collector of Internal Revenue will forward to all taxpayers the necessary blanks to permit filing of same on time.

## Notes on Federal Withholding Tax Certificates

1. Any employee who has not filed a Withholding Exemption card (Form W-4) should do so at once in the Personnel office.
2. In all cases of a change in status (for example: marriage, divorce or birth

of a child) the employee must furnish a new Withholding Certificate to the Scintilla office within 10 days. Blanks may be obtained in the Personnel office.

3. The Scintilla Division will hereafter change the employee's classification to become effective the first full week of the following month after receipt of revised Form W-4. Therefore, be prompt to notify us of changes in status.

4. Wives with husbands in the armed forces, should claim all of the personal exemption (Item 4, Form W-4).

5. Husband or wife should never be listed as a dependent.

6. The head of a family must have one or more dependents in one household subject to family control.

7. The same dependent(s) cannot be taken by both husband and wife.

## COMPUTATION OF ESTIMATED INCOME AND VICTORY TAX FOR 1943 ON INCOMES NOT OVER \$10,000

1. Total estimated income from wages, salaries, dividends, interest, rents, and all other sources including net profits from farming and other business . . . . .	\$ 4500 00
2. Deduct: \$560 if taxpayer is single; \$1,340 if married or head of a family; and \$390 for each dependent. Husband and wife filing separate declarations may divide the \$1,340 in any proportion . . . . .	2120 00
3. Amount to be used in estimating Income Tax (line 1 minus line 2) . . . . .	\$ 2380 00
4. Estimated Income Tax for 1943 from table below . . . . .	\$ 408 00
5. Amount shown on line 1 minus \$624 (in case of joint declaration, see instruction below) . . . . .	\$ 3876 00
6. Estimated net Victory Tax (3 percent of amount on line 5, above) . . . . .	116 28
7. Total estimated Income and Victory Tax (line 4 plus line 6) . . . . .	\$ 524 28

**TURN TO YOUR COPY OF DECLARATION ON  
OTHER SIDE AND READ NOTE UNDER ITEM 1**

**Victory Tax Exemption on Joint Declaration.**—A husband and wife filing a joint declaration may deduct a Victory Tax exemption of \$1,248 on line 5 above, unless the income (included in line 1) of one spouse is less than \$624, in which case the total exemption of both spouses is limited to \$624 plus the income (included in line 1) of such spouse.

If the amount to be used in estimating Income Tax (line 3 above) is		The amount to be entered on line 4 above is	If the amount to be used in estimating Income Tax (line 3 above) is		The amount to be entered on line 4 above is	If the amount to be used in estimating Income Tax (line 3 above) is		The amount to be entered on line 4 above is	If the amount to be used in estimating Income Tax (line 3 above) is		The amount to be entered on line 4 above is
Over	But not over		Over	But not over		Over	But not over		Over	But not over	
\$10	\$25	82	\$925	\$950	\$159	\$1,825	\$1,850	\$311	\$3,900	\$4,000	\$721
25	50	6	950	975	163	1,850	1,875	315	4,000	4,100	742
50	75	11	975	1,000	167	1,875	1,900	320	4,100	4,200	762
75	100	15	1,000	1,025	171	1,900	1,925	324	4,200	4,300	782
100	125	19	1,025	1,050	176	1,925	1,950	328	4,300	4,400	803
125	150	23	1,050	1,075	180	1,950	1,975	332	4,400	4,500	826
150	175	28	1,075	1,100	184	1,975	2,000	336	4,500	4,600	850
175	200	32	1,100	1,125	188	2,000	2,025	343	4,600	4,700	874
200	225	36	1,125	1,150	193	2,025	2,100	351	4,700	4,800	898
225	250	40	1,150	1,175	197	2,100	2,150	360	4,800	4,900	922
250	275	44	1,175	1,200	201	2,150	2,200	368	4,900	5,000	946
275	300	49	1,200	1,225	205	2,200	2,250	378	5,000	5,200	982
300	325	53	1,225	1,250	209	2,250	2,300	388	5,200	5,400	1,030
325	350	57	1,250	1,275	214	2,300	2,350	398	5,400	5,600	1,078
350	375	61	1,275	1,300	218	2,350	2,400	408	5,600	5,800	1,125
375	400	66	1,300	1,325	222	2,400	2,450	417	5,800	6,000	1,173
400	425	70	1,325	1,350	226	2,450	2,500	427	6,000	6,200	1,221
425	450	74	1,350	1,375	231	2,500	2,550	437	6,200	6,400	1,269
450	475	78	1,375	1,400	235	2,550	2,600	447	6,400	6,600	1,317
475	500	83	1,400	1,425	239	2,600	2,650	457	6,600	6,800	1,371
500	525	87	1,425	1,450	243	2,650	2,700	467	6,800	7,000	1,426
525	550	91	1,450	1,475	248	2,700	2,750	477	7,000	7,200	1,482
550	575	95	1,475	1,500	252	2,750	2,800	486	7,200	7,400	1,537
575	600	99	1,500	1,525	256	2,800	2,850	496	7,400	7,600	1,592
600	625	104	1,525	1,550	260	2,850	2,900	506	7,600	7,800	1,647
625	650	108	1,550	1,575	265	2,900	2,950	516	7,800	8,000	1,702
650	675	112	1,575	1,600	269	2,950	3,000	526	8,000	8,200	1,758
675	700	116	1,600	1,625	273	3,000	3,100	540	8,200	8,400	1,813
700	725	121	1,625	1,650	277	3,100	3,200	560	8,400	8,600	1,868
725	750	125	1,650	1,675	281	3,200	3,300	580	8,600	8,800	1,923
750	775	129	1,675	1,700	286	3,300	3,400	600	8,800	9,000	1,986
775	800	133	1,700	1,725	290	3,400	3,500	620	9,000	9,200	2,048
800	825	138	1,725	1,750	294	3,500	3,600	641	9,200	9,400	2,111
825	850	142	1,750	1,775	298	3,600	3,700	661	9,400	9,600	2,174
850	875	146	1,775	1,800	303	3,700	3,800	681	9,600	9,800	2,236
875	900	150	1,800	1,825	307	3,800	3,900	701	9,800	10,000	2,299
900	925	154									

The tax in the above table makes allowance for earned income credit and for deductions (such as interest, taxes, and contributions) approximating 8 percent of the amount shown on line 3 above. Moreover, in order to give effect to such estimated deductions and earned income credit, the amount deducted for personal exemption and credit for dependents has been increased, as indicated above on line 2, for the purpose of this table only.

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# INSTRUCTIONS FOR 1943 DECLARATION FORM 1040-ES AND TABLE FOR ESTIMATING TAX ON INCOMES OF NOT OVER \$10,000

These instructions and table are furnished for the convenience of taxpayers in estimating their income and Victory Tax for the purpose of the Declaration. Taxpayers preferring to compute their tax more precisely can obtain from the Collector of Internal Revenue an alternative work sheet with more detailed instructions.

## WHO MUST MAKE A DECLARATION

A declaration must be made by every citizen or resident of the United States if he comes within any of the following groups:

(1) SINGLE OR MARRIED BUT NOT LIVING WITH SPOUSE at the date prescribed for the making of the declaration (whether or not head of a family), if he had for 1942, or reasonably expects to have for 1943—

(a) gross income of more than \$2,700 from wages subject to withholding; or

(b) gross income of \$500 or more from all sources if more than \$100 of such income is from sources other than wages subject to withholding.

(2) MARRIED AND LIVING WITH SPOUSE at the date prescribed for the making of the declaration, if he had for 1942 or reasonably expects to have for 1943—

(a) gross income from wages subject to withholding which, when added to his spouse's gross income from such wages, exceeds \$3,500; or

(b) gross income from sources other than wages subject to withholding which, when added to his spouse's gross income from such sources, exceeds \$100, and also his gross income from all sources exceeds \$624 for 1943 or the aggregate gross income from all sources of both spouses amounts to \$1,200 or more for either 1942 or 1943.

(3) INDIVIDUALS, REGARDLESS OF MARITAL STATUS, who were required to file an Income Tax return for 1942 and whose wages subject to withholding for 1943 are reasonably expected to be less than such wages for 1942.

The foregoing rules apply also to residents of Canada and Mexico whose wages are subject to withholding. Other non-resident aliens are not required to file declarations.

**TIME AND PLACE FOR FILING AND PAYMENT.**—A taxpayer required to file a declaration must file it on or before September 15, 1943, with the collector in whose district he expects to file his Income Tax return for 1943, and must pay at the same time at least one-half of the unpaid balance of the estimated tax for 1943 (item 5 on Declaration), unless he is a farmer.

**FARMERS.**—If at least 80 percent of the taxpayer's estimated gross income is derived from farming, he must file this declaration on or before December 15, 1943, and must pay at the same time the entire unpaid balance of the estimated tax for 1943 (item 5 on Declaration).

**TAXPAYER BECOMING LIABLE AFTER FIRST FILING DATE.**—If on September 15, 1943, the taxpayer's estimated gross income and marital status are such that he is not required to file a declaration, but subsequent changes make him liable for filing, he must file a declaration on or before December 15, 1943.

**AMENDED DECLARATION.**—If necessary, a taxpayer may file an amended declaration not later than December 15, 1943.

**JOINT DECLARATION.**—A joint declaration may be filed by husband and wife even though they expect to file separate Income Tax returns for 1943.

## BEFORE FILLING OUT YOUR COPY OF DECLARATION BELOW, TURN TO OTHER SIDE TO COMPUTE YOUR ESTIMATED INCOME AND VICTORY TAX FOR 1943

Form 1040-ES Treasury Department Bureau of Internal Revenue	YOUR COPY of
<b>Declaration of Estimated Income and Victory Tax by Individuals FOR CALENDAR YEAR 1943</b> (See accompanying INSTRUCTIONS)	
1. Estimated Income and Victory Tax for 1943.....	\$ 524 28
NOTE.—Enter (a) the tax liability on estimated 1943 income (line 7 of tax computed on other side), or (b) the amount of tax shown on the 1942 Income Tax return, WHICHEVER IS GREATER.	
2. Estimated Income and Victory Tax withheld during entire year..... (Enter here estimated tax withheld from wages by employer for entire year.)	348 40
3. ESTIMATED TAX after deducting estimated tax withheld (item 1 minus item 2).....	\$ 175 88
4. Total payments to collector during 1943 for 1942 Income Tax.....	169 10
5. Unpaid balance of estimated tax (item 3 minus item 4).....	\$ 6 78
6. Amount paid with this declaration (not less than one-half of item 5).....	\$ 3 39
Social Security Number, if any .....	067-12-4189
Name .....	John H. Jones

SHOWN ABOVE AND ON PAGE 12 are front and back of Form 1040-ES, to be used in preparing your declaration which must be filed by September 15th

Form 1040-ES Treasury Department Bureau of Internal Revenue	UNITED STATES
<b>Declaration of Estimated Income and Victory Tax by Individuals FOR CALENDAR YEAR 1943</b> or fiscal year beginning ....., 1943, and ending ....., 1944 (See accompanying INSTRUCTIONS)	
1. Estimated Income and Victory Tax for 1943.....	\$ 524 28 (Cashier's Stamp)
NOTE.—Enter (a) the tax liability on estimated 1943 income, or (b) the amount of tax shown on the 1942 Income Tax return, WHICHEVER IS GREATER.	
2. Estimated Income and Victory Tax withheld during entire year.....	348 40
3. ESTIMATED TAX after deducting estimated tax withheld (item 1 minus item 2).....	\$ 175 88
4. Total payments to collector during 1943 for 1942 Income Tax.....	169 10
5. Unpaid balance of estimated tax (item 3 minus item 4).....	\$ 6 78
6. Amount paid with this declaration (not less than one-half of item 5).....	\$ 3 39
Social Security Number, if any .....	
<b>PRINT NAME AND ADDRESS PLAINLY</b>	
(Name) (Use given names of both husband and wife, if this is a joint declaration)	
John H. Jones	
43 Main St.	
(Street and number, or rural route)	
Oil City	Pa.
(City or town)	(State)
(OVER)	
I/we declare, under the penalties of perjury, that this declaration has been examined by me/us, and to the best of my/our knowledge and belief is a true, correct, and complete declaration, made in good faith, for the taxable year stated, pursuant to the Internal Revenue Code and the regulations issued under authority thereof.	
John H. Jones 8/10/43	
(Signature of taxpayer or agent) (Date)	
(If this is a joint declaration (not made by agent), it must be signed by both husband and wife.)	

THIS IS the declaration form that is to be filed with the Collector of Internal Revenue in your district.

## Hobby Column (from page 11)

These islands came into prominence after December 7, 1941, when the Japs occupied almost all of the Gilbert group and some of the Ellice. Since that time, however, Uncle Sam has moved in and taken over all of those directly in the line

of our communications to Australia and converted them into important bases.

Very little is known of the early postal history of this series of atolls other than the fact that stamps of Great Britain, Fiji, and Australia were used at one time or another depending on which steamer

CARL D. HUTCHISON, F 3/C, is now at the U. S. Trade School in Dearborn, Mich. He worked on Line 41 while at Scintilla.



happened to stop. Early covers are very scarce and quite rare.

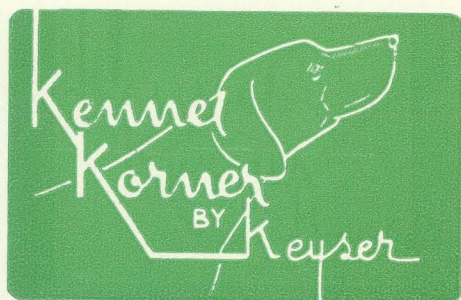
The first postage stamps appeared on January 17, 1911 and consisted of 7 values from ½ d to 1 s, overprinted "Gilbert and Ellice Protectorate" on the stamps of Fiji, showing the portrait of Edward VII who died in 1910. Later in the same year a group of four definitives comprising ½ d, 1 d, 2 d, 2½ d were printed but not placed in use until early 1912. These show the "Pandanus" tree which is common on the islands.

The first eleven stamps were in use until late in 1912 when a ½ d value in a series of seventeen new adhesives made its appearance. By this time, the postal authorities decided to bring the stamps of the colony up to date and issued those showing the portrait of George V. While the first stamp of this series made its appearance in 1912, the 10 s and 1 f items were not put in use until 1924. From 1912 to 1934 the colony used the postal paper showing the bust of George V. In 1935, a series of four stamps consisting of 1 d, 1½ d, 3 d, and 1 s showing Windsor Castle was issued honoring the 25th anniversary of the ascension to the throne of His Majesty George V. This celebration was short lived as George V died in 1936, to be followed by the Duke of Windsor who ruled as Edward VIII for only a brief period before abdicating.

The present ruler of Great Britain and its empire, George VI, was crowned on May 12, 1937. This event was publicized by three stamps of 1 d, 1½ d, 3 d values showing the portraits of George VI and his consort, Queen Ann.

Following the example of other colonies, a new series of stamps were placed in use in 1939. These portray the island's native scenes, and geographical outlines, together with a small bust of George VI. Considerable care was taken in preparing this issue as the adhesives are very well engraved, colorful and good advertising for a colony spanning thousands of square miles of water, but having a land area smaller than the State of Delaware.





Tentative plans for the coming Fall Field Trial have been started, and the Sidney Amateur Field Trial Club announces that it will take place on October 3rd . . . the first Sunday in October.

At present, plans are under way for two events. A Pointer and Setter Stake and one for Spaniels . . . both to be run under the rules of the Club. The events are headed up as Member's Amateur Shooting Dog Stakes. No one who is or has been a professional dog trainer will be allowed to compete and only members of the Club will take part. The reason for this decision is that in these trying times those who are planning and taking the responsibilities of this activity do not have time to devote to a more elaborate trial, namely an open trial. That is, a trial open to all owners of dogs, whether a member or not. Anyone who becomes a member by or before October 1st may enter his dog in this competition, provided he is an amateur.

Prizes will be awarded to the 1st, 2nd, and 3rd place winners in each event.

The location of the trial grounds will be announced in plenty of time so that all will be posted as to its whereabouts.

You fellows who want to have a lot of fun in competition against your fellow-employees . . . bring on your dogs. It will be a lot of fun and a day well spent. We all can't win but we can have a lot of fun trying.

Get the old dog out for a while every day during the month of September, and on the day of the trial put him down with the rest of the dogs in the event his breeding qualifies him for. The month's training will make him a better bird dog during the hunting season as well as preparing him for competition.

The intent and purpose of this meet is to promote better sportsmanship among the Scintilla hunters. To appreciate the other fellow's point of view and to be able to take a beating as well as to win with your chin up. You may not be in agreement with the judges' decision, but let's prove to the other Clubs around that we do have real sportsmen here in Scintilla . . . and that a beating does not knock us down, but is only an invitation to come right back again the next time with all colors flying.

### Cigarettes for Service Men

By special arrangement with the manufacturers, cigarettes in lots of 10,000 (500 packs of 20 cigarettes each) may be sent to our fighting men overseas. The cost for sending the above quantity is \$25.00.

### Softball League

According to a copy of the Softball League Standings dated August 9th, the Cardinals and Bombers were tied for first place, with the Engineers running a close second. Positions may be changed by now, but the following list of standings gives a general indication of the way things are shaping up in the league.

League Standings			
Cardinals	6	1	.858
Bombers	6	1	.858
Engineers	7	2	.777
Aikins Tigers	6	2	.750
Prisoners	3	6	.333
Dodgers	2	6	.250
Rangers	2	7	.222
Rinkydinks	0	7	.000

### Sales Department

David Loomis, Jr., arrived in Binghamton on August 4th. He tipped the scales at 7½ pounds. His mother is Jean Loomis, formerly employed in the Sales Department. His dad, David, Sr., is in the Army Air Corps. Congratulations, Ma and Pa!

We were surprised by an unexpected visit of Aux. Gert Nichols a few weeks ago. Gert told us lots about Army life and says "It ain't bad."

A farewell dinner party was held recently for several members of this department who are leaving. We'll miss you all—Barb, Har-



NOW A MAJOR in the Air Corps, Walter R. Koelliker formerly was employed as a Scintilla engineer. He worked in the plant also during 1937 and 1938. In the last three years he has received commissions as 1st Lieutenant, Captain and Major . . . being elevated to the last rank in July. In 1941 he was assigned to the Eastern Procurement Division of the Army Air Corps, and is now stationed with the Sperry Gyroscope Corp. on Long Island.

riet, Mary, Glad and "Chee." Good luck and don't forget us.

The old play-boy of Scintilla, alias Chet Jewell, alias Private Chester Jewell, is now stationed at Miami Beach, Fla. We're all betting on Chet to peel the best looking potatoes in the Army.



MRS. MABEL M. POMEROY (18-159) receives three \$1,000 War Bonds from Miss T. Trinkino, Bond Clerk for the plant. Beginning four months ago, Mrs. Pomeroy has bought a \$25 Bond every week. She started out by buying a Bond a month. The purchase pictured above is in addition to her regular Bond-buying program. She came to Scintilla in July, 1942, and works in the Paint Shop. Her home is in the village of Sidney Center. Who's next on our Bond Parade? Line forms on the right!

### Department 26

We have lost our good friend, Jennie Shipe. She has gone back to Scranton, Pa.

Three new girls have landed with us, Nellie Place, Beatrice Peterson and Marguerite Welch.

Rosella Stevens has been transferred to the Lewis Building. If you don't like it, Rosella, come back to us.

We received a letter from LaVonne. She says maybe she is coming back to work.

Blanche McKay has left Scintilla to help Johnny in the restaurant. Don't forget us when you issue the invitations, Blanche.

Edith Vroman was married a few days ago to Earl Grigsbee of Hartwick. He's a chicken farmer.

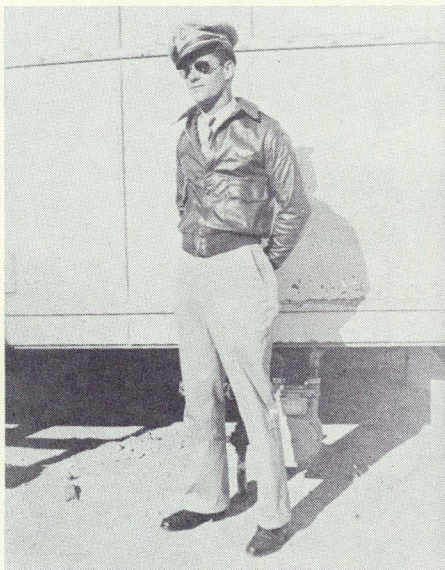


## Department 63

Elva McCarty has left Department 63 after working there for eight years. She is now working in assembly.

Art Spaulding celebrated his seventh wedding anniversary several weeks ago. We understand the celebration was a double header, as he also had a birthday to celebrate a few days later.

It seems that Gifford Brink went to a band concert while he was on his vacation, and has spoken of nothing else since.



WE WANGLED this photo from Cpl. Clifford Telasky when he called at the Scintillator desk on a recent visit. "Cliff" is with the Army Air Forces at Tucson, Arizona. He formerly worked in Dept. 63.

We were glad to see Cliff Telasky, formerly of this department, when he was on leave from the Army Air Corps. Also Art Dudley who has just graduated from Officers Candidate School.

We are glad to announce that on August 10, Heil Hodge, our errand boy, became a man. It was his twenty-first birthday.

L. Michaletz had a close call a little while ago. His horses ran away with him while he was mowing his hay one evening after work. He was very fortunate in not being seriously injured. When questioned about his accident Mr. Michaletz said "I've always wanted a team nobody else could drive." It probably never occurred to him that he might not be able to drive them either.



NOW studying Army Administration at an Army School in Fargo, North Dakota, is Pfc. Kenneth C. Gage, who used to work in Dept. 36.



WHEN LAST SEEN at Scintilla, Mildred Furman was a clerk in the Tool Room. Now she's a WAC, having been in uniform since Feb. 20th. She is stationed at Camp Breckenridge, Ky., where she has been assigned to the Intelligence and Public Relations Division of the WAC.

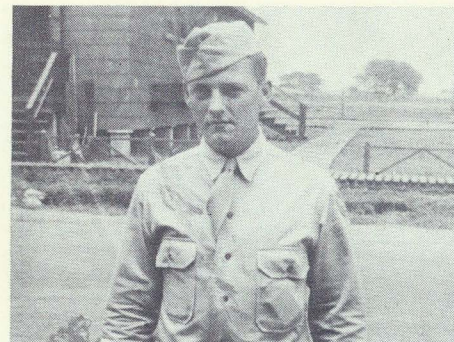
### Cost Control Chatter

Mrs. Dan Mahoney, formerly Norma Norton, "For Whom the Bells Told" July 3rd has arrived at her new address—43 Moss Street, Westerly, Rhode Island. While the column is a little late, we extend our sincere best wishes.

Vacations come and go, stories to the right and to the left but no evidence.

Bob McCauley and Elmer Dann brought a carload of pike and bass back from Sand Lake, Russ Wheeler bought a horse at Jamaica, Dot Thompson swam Oquaga Lake, Alice Davis dragged all the big ones out of Sandy Pond, but no evidence. We didn't even get a picture of Louie Albino's tonsils. However we are glad that Louie's operation was successful and that those that could go away had a good time.

Dot Howard took some pictures but either used too small a camera or got too far away from the one she had. Goodyear Lake was the scene.



PRIVATE NORMAN TREMPER, formerly of Dept. 16, is stationed at a field in Alabama, as a member of a Repair Squadron.

Joe Roberts did a nice job of landscaping his share of Main Street.

Freddie Langdon had a week in Canada where the steaks were so good he missed his train connection for two days. George Campbell developed an A#1 Victory Garden.

Helen Dewing, Mary Scribner and Eleanor Moody returned with a beautiful "Dude Ranch Tan."

Jim O'Neil spent one week in Connecticut and another on a ladder with a paint brush.

Jerry Alt spent a week at 4th Lake but honorably admits no fish.

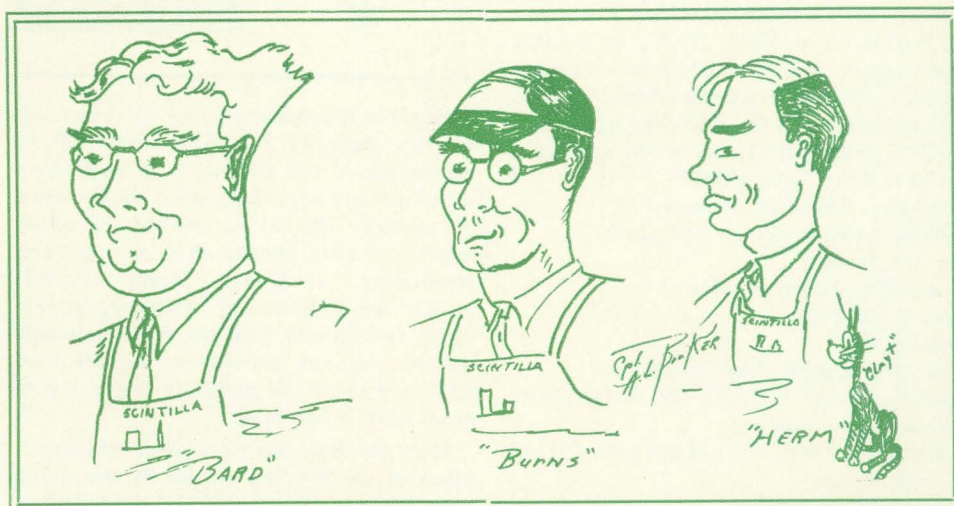
After a disappointing first week due to the youngsters' health, Mr. Kleiner was able to enjoy his second week at Oquaga Lake. All are reported well again.

Paul Ineich spent a couple of weeks in his old home town, Syracuse.

Audrey Tompkins was at the Rip Van Winkle Trail for a rest . . . we hope it doesn't last for 20 years.

Zula Hovencamp crossed the same river George Washington did and spent a week in camp.

Stewart Currie is really bound and determined to get into the Service. When he took his first blood test, nothing happened. Then he had another. Now after the third one, the writer has come to the conclusion that either they haven't struck blood yet or else he is trying to give the draft board a transfusion.



CPL. ARTHUR L. BONKER (formerly 21-53) sent in the above sketch for the benefit of some of his old friends in the Tool Room. Cpl. Bonker is with a Medical Detachment in Louisiana. Referring to the sketches, he writes: "I am sending my version of three of my very good friends who work in the Tool Room. They are all Die Makers whom I shall never forget. There are many more. I wish I could do them all . . . maybe some day I'll be able to."



# The SCINTILLATOR

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## Overseas Christmas Packages May Be Mailed Without Request September 15 to October 15

According to release #13 from the Army & Navy Publications Section, Washington, D. C., Christmas packages may be mailed to American Army, Navy, Coast Guard and Marine service men without presentation of a request from September 15 to October 15. Packages will be accepted for mailing only within the present limitations of weight and size—five pounds in weight, fifteen inches in length and thirty-six inches in length and girth combined, and should bear the indorsement "Christmas Gift Parcel."

Perishable articles will not be accepted for mailing, and every effort will be made to discourage mailing of fragile articles. Only one package will be accepted for mailing by or on behalf of the same person or concern to or for the same addressee during any one week.

For the purposes of Christmas mail, the term "Overseas" personnel means men who receive their mail through a Fleet Post Office, or with an APO number through the Postmaster, at San Francisco, California, New York, N. Y., or Seattle, Washington, and several other designated cities. Letters and parcels should contain full address, as in the following examples:

**ARMY:** Name, rank and serial number

CAPT. JOHN DOE, 0468777

Company, Battalion, regiment

67TH ARMORED FIELD ARTILLERY

BATTALION

Army Post Office number

A. P. O. 126

Postmaster

% POSTMASTER, NEW YORK CITY

**NAVY, COAST GUARD OR MARINES:**

Name, rank or rating

JOHN DOE, MM 1/C (MACHINISTS MATE

1ST CLASS)

Naval unit or ship

USS BENHAM

Post Office

% FLEET POST OFFICE, SAN FRANCISCO,  
CALIFORNIA

## Sparks From Engineering

Naval Aviation Cadet Sandy Chamberlin, formerly of Engineering, dropped in for a visit recently. At present, Sandy is at Colgate University but expects to go to Chapel Hill soon. Keep 'em flying, Sandy!

The J. Dougherty's of Engineering Liaison Office announce the arrival of a daughter, Constance Ames, on Saturday, July 10th. Atta boy, Jim.

Aviation Cadet and Mrs. Harry Barnhart, both formerly of Production Design Engineering, announce the birth of a daughter, Sharon Anne, on Wednesday, July 28th. Best of luck.

Don Sweet and Virginia Tingle of Engineering became Mr. and Mrs. D. Sweet on Sunday, Aug. 8th. Congrats, kids.

Merton Goldsmith of Production Design Engineering checked out Saturday, July 31st, preparatory to joining Uncle Sam's fighting forces. Sorry to see you leave, Mert . . . but best of luck, anyway.

Florence MacDonald of Engineering returned from her vacation sporting a large pair of pilot's wings. When are you taking off, Flossie?

Jud Cole reports that all he caught was a cold on his fishing trip. Bill Uline was a little more fortunate. Bill reports some nice bass. You don't use the right tek-neek, Jud!

Most of the boys took advantage of their vacation to get in some extra work on their Victory "farms." According to late news bulletins, all crops are doing well.



AS A Scintilla employee, George Brady spent his working hours in Dept. 49. Now that he is working for Uncle Sam, he is known as Pfc. Brady, and is learning the whys and wherefores of aviation at the Casey Jones School of Aeronautics, in Newark, N. J.



Senders are cautioned that delays caused by the necessity for censorship will be minimized if the wrapping is secured so as to permit easy inspection of contents. All articles should be packed in metal, wooden or solid fiberboard or strong, fully telescoping cardboard boxes. Parcels should not include any weapons, perishables, intoxicants, poisons or inflammable articles such as matches or lighter fluid and in general the public is urged not to send food or clothing.

Only through the whole-hearted cooperation of the mailing public in complying with these mailing rules and dates will it be possible to deliver on time the tremendous volume of Christmas mail to American service men overseas which is expected this year.



BEFORE ENTERING the Armed Forces, Pfc. Roger Potter was an employee of Dept. 16. He is now undergoing training at an advanced Radio School in Sioux Falls, S. D.



## Barter Column

FOR SALE—2-Burner Perfection oil hot water heater and tank—40 gal. size. G. H. Mansfield, 4-121.

FOR SALE—1937 Oldsmobile, 2-door sedan, for sale or trade. Inquire at 103 River St., Sidney, or Clock No. 49-54.

4-ROOM MODERN COTTAGE with furnace-oil or coal. Bath. Very good well and electric pump. Large front porch facing river. Garage. Near "Welcome Inn" between Sidney and Bainbridge. J. C. Taber, 5-11, 7-6 shift.

I WANT TO BUY—Indian Head pennies and Liberty Nickels. J. DeTemple, 6-79, Engineering Department.

WANTED TO BUY—Small electric victrola. Call or see Virginia Gerstl, 23-449 (Gage Crib), first shift.

FOR SALE—16-foot House Trailer. Cheap for cash. John Young, 53 East Main St., Norwich, N. Y.

HOUSE FOR SALE—Desirable house in Unadilla. Excellent garden, fruit trees, small chicken house, and new cottage. All on property 64x256. R. T. Simpson, 9 Fellows St., Unadilla, N. Y.

FARM FOR SALE—145 acre farm, equipped with 39 head of stock, team of horses, tractor, ensilage blower, new DeLaval milker, milk cooler, electric, and other farm machinery. Outside buildings good condition. House excellent condition, with all improvements including hard wood floors. Never failing gravel spring water, wood enough for fuel. 15 miles from Sidney, 8 miles from Oneonta, 3 miles from Otego on route 417. School bus passes. Milk delivered to Otego Borden's Dairymen's League Grade A plant. Reason for selling, death of my husband. Clara D. McKee, Otego, N. Y., Dept. 52, 7-3 shift.