

The

1942

# SCINTILLATOR

VOL. 1, NO. 2

SCINTILLA MAGNETO DIVISION, BENDIX AVIATION CORP.

AUGUST, 1942

## IT'S ARMY DAY AT SCINTILLA SATURDAY

### Combine Protection and Attractiveness in Safety Caps

There is nothing attractive about the hair of a woman whose scalp has been partially denuded by an industrial accident.

This was the warning brought home by an insurance company representative speaking at a recent safety meeting attended by supervisors, foremen and foreladies.

Protection and attractiveness may be combined in hair kerchiefs or caps which must protect women machine operators, and it was pointed out that varied colorings would add an attractive touch that would not impair the fundamental safety purpose of the kerchief or cap.

Every foreman and supervisor must not only teach safety, but must enforce the observance of safety rules, it was emphasized.

Discharge of workers whose deliberate carelessness has threatened to cut productive time, has every government legal backing, the speaker declared.

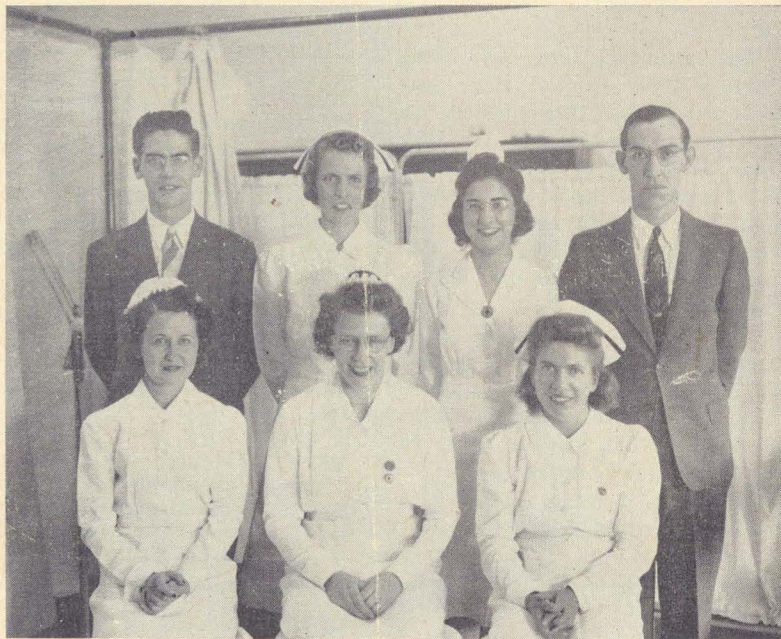
Walter Hanni, in charge of raw stock, warned again that passing of employees through the stock room is a dangerous practice.

Included in the safety meeting program were two sound slide films, "Off-the-Job Accidents," and "Safety for Defense," which stressed that every disabling accident to man or machine, on the highway or in the shop, constituted "unintentional sabotage," and was of real assistance to our enemies, while costing them nothing.

### Use Double Care This Year

THE AUTOMOBILE in 1941 shattered every accident record since the motor car became a factor in modern transportation. The totals of 40,000 dead and almost a million and a half injured stand as gruesome monuments to America's carelessness at a time when safety and human conservation were most needed.

This year, human conservation, and conservation of your automobiles are still more vital. Statistics won't win the war. Statistics are dead people. Don't be a figure in the column labeled "highway deaths."



READY TO SERVE are these members of the Scintilla Medical Bureau staff. Seated left to right are Helen Kloss, R. N., Anne L. Meade, R. N., and Viola Purdy, R. N. Standing in that order are LeRoy Weatherly, Isabell Butler, R. N., Esther Arvanites, R. N., and Carl Latham.

### MEDICAL BUREAU PROMOTES HEALTH AND SAFETY 'ROUND THE CLOCK

Keeping pace with expanding plant personnel is Scintilla's modern efficient Medical Bureau, functioning 'round the clock seven days a week in the interest of the safety and health of all employees. To familiarize employees with the staff of our two First Aid units, may we introduce:

Miss Meade, the Charge Nurse, a 1937 graduate of the School of Nursing of the Massachusetts General Hospital, former charge nurse in the operating room at Bellevue Hospital and formerly on the staff of the Henry Street Visiting Nurse Service in New York City, before coming to Scintilla in January, 1941. She is a Red Cross Nurse.

Miss Kloss, graduated (1935) from Bellevue Hospital School of Nursing in New York City, and had charge of an operating room there before coming to Scintilla in August, 1941.

Miss Arvanites, a 1940 graduate of the Lenox Hill Hospital School of Nursing in New York City, and a member of their staff before entering Scintilla in January, 1942.

Mrs. Butler, a 1936 graduate of the School of Nursing of the Charles S. Wilson Memorial Hospital in Johnson City, was an assistant supervisor in the operating

room of her home hospital previous to her employment here in February, 1942.

Miss Purdy, the newest member of our staff, graduated from the Wilson Memorial Hospital in 1938, and was on the operating room staff there until joining us in May. Miss Purdy is working the second shift at present.

Mr. Weatherly, who works nights, completed a pre-medical university course, is a graduate Laboratory and X-Ray technician and was assigned to X-Ray work in the Station Hospital at Fort Upton while serving in the United States Army. He has been serving here since September, 1941.

Mr. Latham, who also works nights, attended the Mills School of Nursing at New York City, and has had several years of hospital experience. He also joined our staff last month.

### Workers To Participate And Will Meet Army Fliers

This program is in cooperation with the industrial section of Public Relations Branch Headquarters Service of Supplies. Principal speaker: Col. Roy M. Jones of the U. S. Army Force. Distinguished Guests: Lt. T. C. Griffin, member of Gen. Doolittle's Tokyo flier command, and Wing Commander Boville of the Royal Air Force. Date: July 25th, 1942. Time: 9:00 P. M. to 9:45 P. M.

The program will be initiated by a visit to the plant of Army officers, enlisted men of the U. S. Army Air Forces and officers and men of the Royal Air Force, Chinese Air Force, Norwegian Air Force, and the New Zealand Air Force, who will make a tour of the plant, visiting with the various operators of the plant, autographing souvenirs for the workers. This portion of the program will start at 1:00 P. M. to 2:00 P. M., July 25th, and continue 3:00 P. M. to 4:00 P. M., July 25th.

Each and every worker in the plant, together with all executives and office personnel, will be supplied with a small American flag supplemented by a pennant mounted on a small wooden staff with a personal greeting from Col. Jones and the personnel of the Air Force of the U. S. Army. All workers and members of the organization will display these flags at their work; machines, desks, trucks, etc., during the entire day to commemorate the Army Day program. The entire building will be decorated appropriately. The U. S. Army will send a large contingent of officers and men with full equipment from all branches of the service, some 40 or 50 all told, in addition to the distinguished guests who will appear on the program. The entire contingent of officers and men will arrive in Binghamton on the morning of July 25 and will be escorted to plant in cars furnished by Troop "C" of the New York State Police, under command of Capt. D. E. Fox. The entire contingent will be enter-

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## The SCINTILLATOR

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 The employees of the  
 Scintilla Magneto Division

### A Finish Fight

A quarter of a century ago, America was working and fighting and buying Liberty Bonds. Today that Liberty gained through sweat and blood is again imperiled, and we're working and fighting and buying War Bonds.

We've got to work harder, buy more bonds, and shed more blood than the world has ever known. Through the past years, the Axis has built up the greatest War machine, and the greatest production machine in history.

Nation after nation has paid the full price to learn that "business as usual," normal life, normal leisure and normal work efforts can not meet in battle the mighty machines and skilled men of ag-

gressors who have planned this war for not the eight months since Pearl Harbor, but for the eight years before Pearl Harbor.

When you go home at the end of each shift, you walk in safety, you breath free, untainted air. Your wife or sweetheart isn't a hostage or in a concentration camp. But remember not long ago Frenchmen were free—Holland was doing business as usual—the Poles, Czechs, Belgians and others were leaving their work with exactly the same thoughts in their minds, as yourself and breathing free untainted air just as you did last night.

The Japanese did not bomb Pearl Harbor to test their war machine. It has been tested for five years, slaughtering the Chinese. The Axis means business—the business of death and destruction until we come cringing to our knees. It's not impossible. You can't bring down a bomber with a shotgun. American pilots can't fly a rousing cheer. Don't be spasmodic in your realization of this war. Right now as you read this article, an Allied soldier is dying. Tomorrow, that soldier might be your son—your brother, dead.

Wake up, American, this is a finish fight to the death.

### Determined America Is United for Democracy Says MacArthur

A tribute to American industry which is producing the vital war goods needed on every front was incorporated in a recent cablegram from General MacArthur to the editor of "Colliers" magazine.

The fighting general cabled:

"In this great crisis of war America has achieved unity. In a land where conflicting political and economic groups have enjoyed full freedom of thought and action, where the right to criticize and disagree, to discuss and debate is treasured as a priceless privilege, there has occurred a singular transformation. We have crystallized into a singleness of definite purpose, not by the imposed dictum of a ruthless dictator, but by the free will of the millions of Americans. This unity speaks to us in the incessant humming of American factories, in the wind stirring the wheat fields of the West, in the drone of planes and ships that carry American strength to the battlefield of the world. This mighty war production comes from free men who treasure individual liberty as a God given inalienable right, and who are determined that 'this world shall have a new birth of

freedom, and that government of the people, by the people, and for the people, shall not perish from the earth.'"

MacARTHUR.

### Address Unknown

Last week we inquired as to the whereabouts of one of our former fellow workers now in the Armed Forces, and the written reply came back, "address unknown."

We looked at that piece of paper with the words "address unknown," and as we stopped to think for a moment about our former co-worker, those two words seemed to jump right off the page and kind of form a lump in our throat. Guess that's being sentimental or something, but it's that sentiment or something that keeps us from being like the unfeeling tyrants we're fighting.

All over the country, we believe, there are a lot of homes where that phrase causes a real heartache. Lightning has to strike real close to home, for some of us, before we really roll up our sleeves and realize this is a finish fight.

Our friend might be in Ireland, Iceland, Australia, or maybe Bataan. Wherever he is, we know he's fighting for freedom—his and ours—and we're going to pitch in and produce all-out for victory, to erase forever, "address unknown."

NO  
OBJECTIVES  
MISSED ...

NO  
ENGINES  
MISSING



**BENDIX  
SCINTILLA**

News bulletins following the Tokio raid indicated major objectives achieved, and no planes lost.

No engines missing, either, when major objectives are accomplished. Bendix-Scintilla Products are designed to fly with the world's best pilots, in the world's best airplanes. And they are built by craftsmen proud of increasing output without the slightest compromise with precision or quality.

SCINTILLA MAGNETO DIVISION; BENDIX AVIATION CORP.

*The World's Finest Aircraft Ignition*



# TIME IS VITAL WAR FACTOR WARNS THOMAS

## Thousands Attend War Production Rallies At Scintilla

Time in this war effort is the most vital of all of our forces.

Emphasizing that every second of every minute, around the clock, day by day, week by week, month by month, must be utilized to the fullest if we are to survive, W. W. Thomas addressed Scintilla workers at the first of a series of War Production Rallies.

Thousands of workers convened for the rallies during luncheon periods. Scintilla Employee's Band provided the music and climaxed the short programs with our National Anthem, as a color guard from the American Legion raised the American flag.

Mr. Thomas, a member of the



Training within Industry Division of the War Production Board, and now a member of Scintilla staff, in his address given at programs for all shifts, said . . .

"Fellow workers, or shall I address you as the invisible army, or as a recent advertisement in 'Colliers' which no doubt you have seen, refers to us as the invisible crew of those giant flying fortresses that have so ably and so powerfully smashed the enemy wherever they have been able to find him. Each and every one of us is a member of that invisible crew. Each and every one of us is directly responsible in his own right, in his own job, regardless of what that job may be, great or small, for the performance and the ultimate success of those ships that fly the insignia of our armed forces, and the effort and the sacrifice of the men in the armed service and their success or their failure depends upon you and me

and how well we perform our job.

"On the 4th of July the President of the United States made a nation-wide appeal in his press conference in which he stated that (quote) every minute, every second of every minute, is most vital in the success of our victory over the enemy (unquote). Yes, we may be able to supplement and replace material even though its scarcity is admitted by all of us. We can salvage parts but we cannot salvage time. This very moment that I am speaking to you when it passes, is gone forever, never to be regained. Time once lost is lost forever and time in this war effort is the most vital of all our forces. We must and we will take advantage of every minute and of every second of that minute around the clock, day by day, week by week, month by month, until we can truthfully say that we have annihilated the enemy and regained the security and the peace of free men. But if all of us do not bend every effort to utilize these minutes and hours in order that we may produce the articles, the magnetos, and the parts so vital, then we are not contributing our full share to the victory that must be won.

"I am not alone when I address you as the father of a son who is serving his country. I am but one of many in this plant whose sons, whose brothers, whose sweethearts or loved ones are now bearing arms for our protection. There are many of you in this group who qualify in that respect and we have solemnly sworn not to let them down. But, we are far removed from their trials and tribulations, from the wounded and broken bodies, from the death and horror of the battlefield; so far removed in the security of this peaceful valley and in the security of our homes with our bellies

graced by good food and our bodies well clothed that we are apt to lapse into a tranquil period of living and thought and think only of our job as a medium to secure the material things of life when we should think of our job as the medium of expression to maintain the spiritual things of life; freedom, the right to worship, the right to free speech and the right to live in peace and comfort.

"These are the things that we are working for in this plant, these are the things that in the ultimate express each job, each operation, as it is performed, because without the fulfillment of these jobs of ours, these spiritual things will not come to pass. We must push every ounce of our energy to the completion of our job in the best way that we know how, lest we be pushed from our homes to concentration camps and slavery

this all to support and supply the armed forces of this country, then he or she can no longer say, 'I am a soldier of the invisible army of production, I am loyal, I am a good American citizen, I will do all I can each minute, each day, in the accomplishment of my task.'

"And when the day arrives that we can proudly hoist the flag of excellence of the Navy or the flag of the Army and let them fly proudly beneath the Stars and Stripes, then we can say that we have gone a long way toward reaching the ultimate goal. Until that day we have no reason for pride. Let that be our task, not for the glory it will give to us as an organization or as individuals, but because it will demonstrate that all of us are doing everything within our power at all times to protect our armed forces and the ideals of our country. Say to



by our enemy. Let us each resolve that our job, no matter what it may be, is the support and protection of these men and boys who are willing to give, yes, and have given their very lives for their country, for you, and for me. Let us resolve therefore that all we can do to support that man or boy is only half of what we should do and be willing to do it. And be there one among you who does not agree or who is not willing to give

yourself:

*I am the worker who saved a minute  
The plane I helped build has fighters in it  
The fighters arrived in time to fight  
The battle was won for freedom and right  
And here's the moral set to rhyme—  
Winning a war depends on time."*



# SCINTILLA WAR BOND DRIVE "OVER THE TOP"

## Minute Man Flag To Be Awarded for Over 90% Buying

With 17 departments subscribing 100 per cent, Scintilla employees went over the top in the drive for the Minute Man Flag, with the total percentage reaching 91.68 per cent.

Figures released by the bond department for the period ending June 28th, gave Scintilla the right to fly the Minute Man Flag, and J. T. Lansing, of Engineering sales, vice chairman of the Delaware County War Savings Committee, has made application for the necessary certificate.

It was pointed out that Scintilla employees should maintain at least 90 per cent subscription after receiving the flag, and we will drive for 100 per cent participation.

Mr. Lansing was in charge of the drive in departments one through 10, and Kenneth Aitkens, chief clerk, handled the drive in departments 10 through 66 inclusive.

Lars S. Potter, Deputy State Administrator, after receiving Mr. Lansing's notice of our reaching the 90 per cent goal, telegraphed: "WIRE RECEIVED CONGRATULATIONS TO YOU AND ALL THE EMPLOYEES OF SCINTILLA FOR YOUR SPLENDID COOPERATION IN THE WAR SAVINGS PROGRAM."

Departments on the honor roll, subscribing 100 per cent strong to our War Effort, were: Departments 2, 5, 12, 13, 14, 20, 26, 28, 31, 36, 40, 46, 47, 48, 54, 58, and 59.

Accounting, Dept. 4; Production, Dept. 7; and Research, Dept. 29; are still subscribing less than 80 per cent, and low for the entire plant.

Remember, the war goes on every day—keep buying bonds!

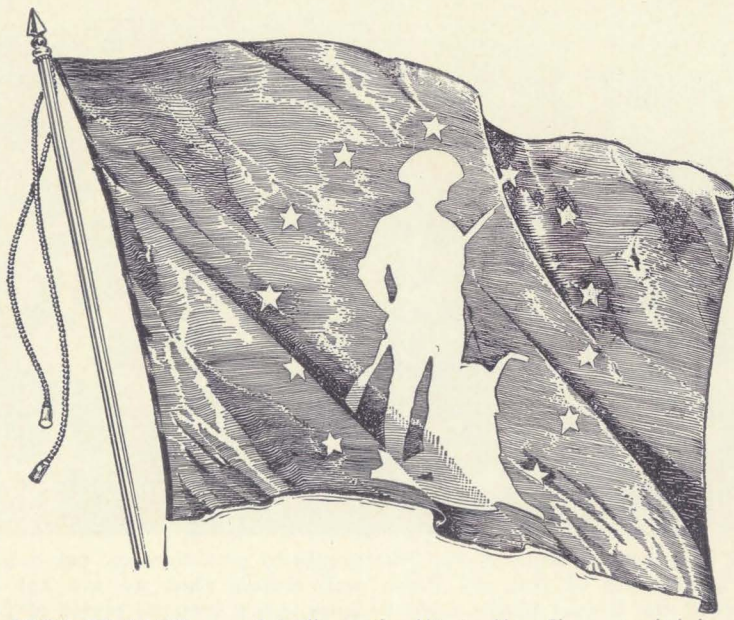
## First Issue Mailed to Employees in Service

Copies of the first issue of "The Scintillator" have been mailed to all former employees now in the Armed Forces for whom addresses were obtainable.

Inasmuch as this will be impractical in the future, with rapidly changing mail addresses, it is suggested that employees corresponding regularly with men in the Armed Forces, send them future issues of the plant publication. Extra copies may be obtained at time of distribution, or at the Personnel Office.

KEEP BUYING TO  
KEEP 'EM FLYING

## SYMBOL OF PATRIOTISM



SOON TO WAVE over Scintilla is the Minute Man Flag, awarded by the Treasury Department to organizations having 90 per cent or more of plant personnel subscribing to United States War Bonds.

## What Is a Man-Hour?

The experts say that a man-hour is one man, working one hour.

But, they don't differentiate between men . . . For instance, a Nazi putting out a man-hour only turns in about 50 minutes work. The other 10 minutes are spent heiling or damning that heel Hitler. A Frenchman putting out a man-hour turns in only 30 minutes work. The other 30 minutes are spent tightening his belt and gritting his teeth (or—praises be—sabotaging the machinery). When a Jap puts out a man-hour he turns in about 45 minutes work. The rest of the time is spent saving face and plotting more treachery.

But . . .

When an American puts out a man-hour, he turns in 30 minutes for his brother or friend at the front; 30 minutes for the English, Dutch, Chinese, Czechs, Poles and others like them . . . AND HE TURNS IN AN EXTRA MINUTE TRYING TO FIGURE HOW HE CAN PUT OUT MORE WORK IN SIXTY MINUTES!

Remember you are an American. Here we must produce with that in mind. (From an advertisement of Utility Fan Corporation).

## To Hold Clambake

At a special meeting of the Scintilla Gun Club, it was voted to hold the annual clambake in August at a date to be announced later. Appointed to put on the bake were H. Pendorf, A. Bagnal and R. Cumber.

## Who Would Do It If You Weren't There?

Have you ever stopped to really think what loss results when you are absent for even one day?

Remember how much work you turned out yesterday? Well, who would do it if you weren't there? If somebody else did your work, who would do your replacement's work? Regardless of how operators are switched, there are vital man hours lost. Real bottlenecks are created by absences, particularly when you don't notify your foreman ahead so that he can make some temporary arrangement.

Soldiers can't be absent. A real soldier of the production line is Edith May Sands, 49-87, of Davenport Center, who for 10 days walked eight miles every day to a bus line so that she would not be absent from her work. She hasn't been here very long, but she has the spirit. Do you?

## To Help Conserve Tires

To add potential miles to tire life, check tire pressure with the pressure gage before inflating. Excessive air loss indicates a leak. Have it repaired to prevent a tire-ruining flat. Also, keep your tire pressures balanced by inflating all tires to the recommended pressure.

Groucho Marx — "Whenever I get down in the dumps, I buy a new suit."

Joan Davis — "So that's where you get those clothes."

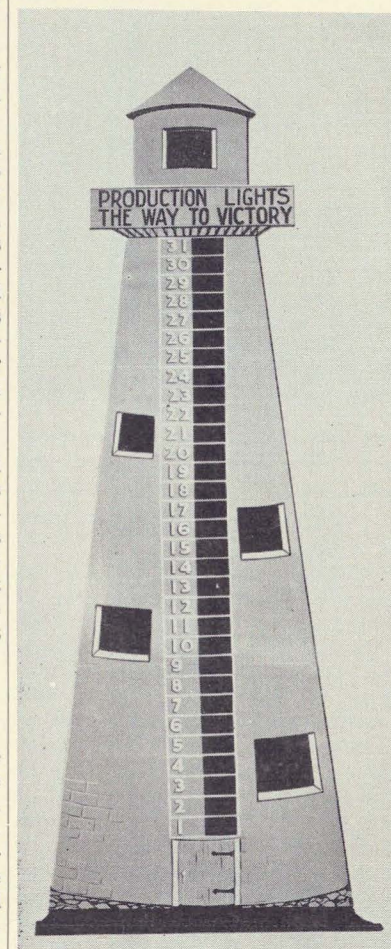
## Workers May Send Radio Messages to Relatives In Armed Forces Abroad

Scintilla employees with sons, brothers, or fathers in the Armed Forces and who are serving outside the United States, may now send messages by short-wave radio to these men at the battle-front.

The Radio Department of the Aeronautical Chamber of Commerce of America, has recently completed arrangements with the Office of Co-ordinator of Information whereby a number of those employed in aircraft and accessory plants may participate in a series of broadcasts to the Armed Forces abroad.

The messages from home should be fairly brief, but should contain information about the persons involved, etc. These 'letters from home' will be sent out over American short-wave stations to all parts of the world where our Armed Forces are serving.

If you have a near relative serving abroad, prepare your message to him, and bring it to the Personnel Department, where it will be forwarded through the proper channels for transmission via short-wave radio.



PRODUCTION SCOREBOARD is this model lighthouse which will carry each day the percentage of apparatus you help make, as compared with scheduled demand. Watch the lighthouse at your exit—it's YOUR production scoreboard.



# Highlights of the Story of the Growth of Scintilla

## 15 Workers Manufactured Scintilla Magneto at Sidney in 1925

Today, as we enter beautifully landscaped grounds to go to work at desks in modern office buildings, or at intricate machines placed row upon row in a clean, well-lighted factory covering thousands of square feet, it would be only natural to pause a moment to ask ourselves the questions, "How and when did it start?", "Where did it come from?", "Why?" Many of us have no doubt asked ourselves these questions. A few of us know the answers, but for those who don't, here is our story of the origin and growth of our Scintilla.

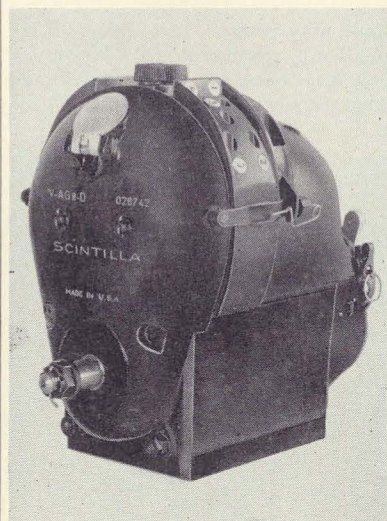
Not long after the outbreak of World War Number 1, about 1915, magnetos available in Europe became very difficult to obtain for French, British and Italian planes. A group of engineers formed an ignition manufacturing activity under the direction of Brown Boveri Limited of Baden, Switzerland, as a result of which an outstanding magneto was produced, using as a basic principle of operation the rotating magnet, the stationary coil and the breaker point assembly that remained fixed, but actuated by a revolving cam. This design differed widely from the then conventional design of a stationary magnet and rotating coil.

With repeated tests and resulting proof of the soundness of this design, a name was desired which would be as outstanding as the product itself. What could be more practical than the word, "Scin-

In 1921, the magneto was brought to this country and introduced to the American market by the Scintilla Magneto Company, Incorporated, with offices in New York City.

Its unique, logical and sound design lent itself particularly well to aircraft engines, and recognition of its superiority came with the completion of exhaustive tests by aircraft engine manufacturers. In 1925, the United States Army and Navy were so thoroughly convinced that here, indeed, was an ignition device of merit that property and plant were purchased at Sidney, New York by the Scintilla Magneto Company, Incorporated. With a force of fifteen, including executives and factory workers, we began the manufacture of the first American built Scintilla magneto in the buildings formerly occupied by the Hatfield Automobile Company and the Cortland Cart and Carriage works.

Prominent flights such as carried out by Lindbergh, Bird, Chamberlain and Kingsford Smith,



First type magneto

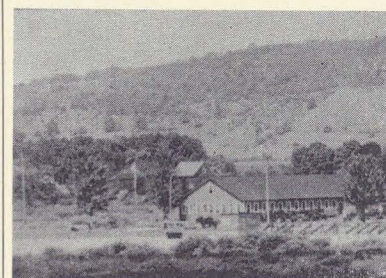
to mention only a few, were made in airplanes powered by engines equipped with Scintilla aircraft magnetos, and gradually they became the standard ignition for aircraft engines built in the United States. The excellence of their manufacture, the fine workmanship, and the religiously adhered to sound principles of customer relationship made themselves felt, and each new engine, as it was designed, utilized Scintilla aircraft magnetos for ignition.

In 1929, the Bendix Aviation Corporation acquired the Scin-

tilla Magneto Company, Incorporated, and shortly after this, it was made a Division of the Corporation, with adequate financial backing permitting considerable expansion. Later, in 1933, the Delco Aviation Corporation was merged with Scintilla, together with the Hurley-Townsend Company.

With the established success of the magneto, there naturally followed a demand for other aircraft engine ignition units manufactured by Scintilla. To meet these requirements, other items were developed and made available.

The ever increasing horsepower of the aircraft engine and its ac-

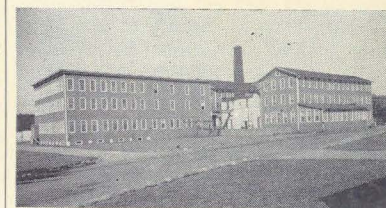


Scintilla in 1925

companying complications and special requirements introduced added burdens upon the ignition. Engines were required to perform at higher altitudes which created more than ever problems to be solved that would provide adequate ignition. Noise signals produced by the magneto interfered with the radio reception, and their suppression was another problem that required attention. Research and engineering has been and will continue to be fostered and greatly encouraged, to solve such problems as they arise, and to keep Scintilla preeminent in its particular field.

We are working today on ground that only a short time ago was a rough, weed-grown field, and has now taken the form of a beautifully landscaped garden that gives a fitting entrance to this truly magnificent manufacturing plant. Only a short time ago, as such things are measured in the fast rushing years, our facilities were, by comparison, a wooden shed that stood in a marshy meadow. Seventeen years ago when operations commenced in Sidney, we employed fifteen people, including executives and factory help. At that time, we were producing but one item, namely

the magneto, and this was fabricated in one basic design. With a floor space of 30,000 feet, only partially utilized, our production consisted of ten magnetos per month. We have but to compare these figures with our present activities to recognize the tremendous progress we have made in this comparatively short time.



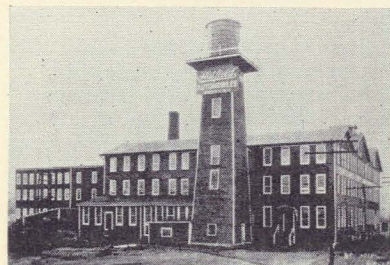
Scintilla in 1935

Important for us to bear in mind is the fact that, even though this rapid expansion came about to a great extent as a result of the War Program requirements, our normal progress would have been highly gratifying because of an insistent demand for the world's finest aircraft engine ignition, a demand that will live and grow when peace comes again to the world.

The story of Scintilla has often been told—how it was created, its growth and the place it holds as part of the Aviation Industry, which views the organization as a whole, our buildings, equipment, methods and results, with most gratifying respect. Hidden in the story, because of the modesty of the persons, little is known of the self-sacrifice and exhausting work, real devotion and great ability that must have played such an important part in the achievement of our present position.

The confidence of the industry in us through all the vicissitudes and stress has remained unshaken, and the Division is well into the year of 1942 with a full realization of its important responsibility in manufacturing ignition equipment for aircraft engines. Ours is no indirect, vague part in the defense of our country, our home and our family. We are vitally important and the eyes of our Army and Navy are upon us, and so the people of America look to us. We cannot let them down—and we will not!

★  
**LOST TIME NEVER  
BOOSTS PRODUCTION**



The old Hatfield building

tilla," coming from the Latin word meaning brilliant, twinkling, sparkling flash. The magneto under this name made a fine record in aircraft, tanks, etc. toward the end of the war in Europe.



# SHAVINGS

## The Long and Short of Departmental News

If Dick Riker, new supervisor, seems even happier than his promotion merits, it's probably because he finally slipped the ring on the third finger, left hand, of Frances Todd of Engineering . . . Joyce Box of Inspection is now Mrs. Harold Langendorfer (Dept. 34) . . . It was a short honeymoon for Eloise Safford of Department 23, who married Arthur Riley July 3. He left for the Army July 7, and is now stationed at Fort Eustis, Va. . . Corp. T. Stanley Ryan, stationed at Fort McClellan, and formerly of the rubber line here, paid a short visit to Lenor Ryan of Inspection . . . John J. O'Rourke, line 44, has enlisted in the Army Air Corps . . . Steve Jones recently completed 15 hours of solo flight with the Air Corps . . . Le-Roy Baldwin of line 41 is the father of a baby girl . . . Many employees miss E. Russ Elander, former night attendant in First aid, who rejoined the Navy.

### Caravaglio Sees Churchill

Among many interesting letters received from former employees now in service was one from Corp. Joseph Caravaglio, formerly of material control. Joe is stationed at a fort recently visited by Prime Minister Winston Churchill, and the Corporal writes "our entire battalion put on a mass calisthenics drill for him. After we had finished with our exercises, Churchill climbed up on an improvised platform and addressed us with complimentary remarks, and expressed the opinion that we were all anxiously awaiting the day for action. He was dressed in a light grey suit wearing a panama hat. He had a cane and of course with his perennial stogie stuck in his mouth."

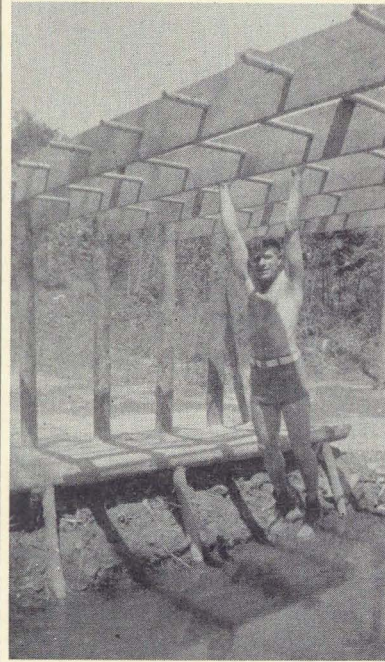
### Pedestrians Must Cooperate

Rene Pittet, assembly supervisor, is not worried about the tire shortage on his newest acquisition, a high powered inboard motorboat reportedly clocked at 45 m. p. h. There is no truth in the report Rene is digging a canal from his house to the main entrance . . . Employees of S. Gerig's departments are really buying war bonds . . . Chief Harry Dickinson is requesting cooperation of pedestrians who cross at the Union and Sherman Streets intersection. Workers must not cut diagonally across the road from the cafeteria, but must walk the straight and narrow to avoid accidents warns the Chief . . .

### Ferdinand on Wheels

This is the story of two production expeditors who pedaled away on their Victory bicycles one afternoon after a hard day's work. Jack Worth and Oril Hunt were

sailing merrily through the garden spots of this area, when thoughts of work came to their minds. Having nothing else with which to work, the two decided to expedite some flowers from a nearby field, but an unforeseen bottleneck in form of the land owner hampered production mid-way in the process, and our bicycling hero and heroine



THE RUGGED LIFE of Uncle Sam's nephews appeals to Corporal Joseph Caravaglio, formerly of material control.

did their fastest expediting of the day in beating a hasty retreat.

### Learning Radio

Mrs. "Mike" Moore of Production Control, reports that her husband, formerly of the same office, is in Chicago learning to be a bomber radio operator . . . Allen Harmon of Assembly is the proud father of a daughter . . . Patrolman Rarick, who left recently, is the sixth candidate to join the Army from the Police Force . . . Catherine Bartschi, of Department 63, was recently married to Austin Phoenix, of Line 44 . . . The Scintilla Gun Club proved a stumbling block to the Police Pistol Team at a match held at the Gun Club. Patrolman Harrison upheld the policeman's honor, however by being high scorer.

### Help Wanted

Additional workers are needed on the second and third shifts to act on the Emergency First Aid Teams which would assist in handling casualties in case of plant disaster. If you have had training or experience in First Aid, and would be willing to help should the necessity arise, please leave your name at either of the First Aid rooms . . . W. Mertz of Department 59, has left to enter the Marines . . . Mabel Colyer of Dept. 63 has returned to work after having her tonsils removed . . . Scintilla guards now are sporting their natty sum-

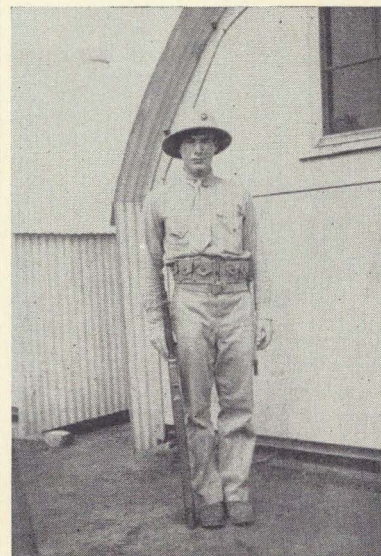
mer additions to regular uniforms . . . William Dickson of Dept. 11 returned to work after spending 10 days in Binghamton taking special treatments . . . Glenn Cuyle of the toolroom received a going away present of \$21 when he entered the Army.

### Service Has Picnic

Nearly 60 members and guests of the Service Department spent an active Sunday at Oquaga Lake for the annual picnic. The afternoon and evening, planned by Frank and Gladys Rettberg, or should we just say Gladys Rettberg, was spent in eating, swimming, boating, fishing, and other outdoor activities. Only blot upon the perfect afternoon was Boyce Hodges, who while canoeing with Grace Dietz, insisted he saw the Loch Lomond monster, upset the canoe in nine inches of water, nobly rescued Grace from drowning and then waded to shore. Grace also figured in another twosome with Harry Earl, which someone termed "grace and disgrace." Get it?

### All About Moths

Charles Brown of Dept. 11 night shift has taken the fatal step . . . Duane Pindar and Justin Buchanan have left the machines for the Marines . . . Among the more unexpected hobbies, we find that of Charlie McCarty of tool inspection who collects, (no comments please) moths and butterflies. When you clean the closet this fall, please give any specimens to Charlie . . . Scintilla baseball team under the management of Raymond LaQuay,



OVERALLS TO UNIFORM is the transition of Bruce W. Thomas, who stepped from a lathe in Dept. 34 to the United States Marines.

with pitching by Raymond LaQuay, defeated the Downsview Town Team 9 to 2, and then went on to defeat Greene by a score of 18 to 3. Batting stars in the Greene game were Ken and Stan Meek and Art Petrosky, who accounted for half of Sidney's total with his

booming bat . . . Robert Tanner adds to the supply of tool room cigars by virtue of a baby boy . . . Anyone who is interested in a clambake for Dept. 11, please contact Ken Fitzgerald.

### Dept. 34 Donates

Under the direction of Carl Kuebler and Jim Greene, every worker in Department 34 is contributing 10 cents per week towards a fund to purchase and send cigarettes and candy and other gifts to former workers now in service. Ed Herrman, Fred Wuthrick and Robert Bernhard are acting as treasurers of their respective shifts. Cy Jones and Bill Reeves select the gifts and send them out, while Bob Piper has volunteered to keep the Soldiers posted on all the news of the Dept. 34 production front. Congratulations to Dept. 34.

### Three Weddings

Lucy Delello, forelady of Dept. 15, is engaged to Larry Argiro of Syracuse and the Army . . . Leaving Dept. 15 for the Army recently were John Oles and Harold Forshee . . . Dept. 15 marriages included Esther Delello, bride of Leon Vandermark of Oneonta and the U. S. Army; Irene Butler bride of Greydon Barr, and Harriet Alger, bride of Sherriff Alley of Masonville . . . Marion Laraway became engaged to Edward Hinkley of Roxbury.

### Rae Webber

Rae Webber, for over six years a presiding officer of Production Control, is "going home" Aug. 1. Mr. Webber's family and new home in Deland, Florida, are the reasons for his resignation. Production Control is planning a farewell dinner Sunday night, July 26, at the Long River Club at Unadilla.

## Band to Expand

Within the next two months, the Scintilla Employees' Band will have developed into one of the finest musical aggregations in this area.

Forty band members and five majorettes will be completely outfitted through efforts of band members, and the assistance of the company. Through concerts and collections, the band raised over \$600 toward purchase of uniforms, and members have been measured for their new outfits of red, with white trim.

An all girl drill team of 24 of the fairest of Scintilla workers is being organized, and will be appropriately uniformed. They will do marching and precision drills in conjunction with the band.

To complete the musical organization, two vocalists will be added to the personnel.



# TIRES VITAL--WORKERS MUST RIDE TOGETHER

## Estimated Eight Tires Worn Out Daily Says Mangan

A recent check by the New York State Police revealed that only 11 per cent of the automobiles entering and leaving Scintilla on the 7 a. m. shift change over, are carrying at least a total of five persons. The check up showed that 35 per cent of the automobiles held only the driver.

Based on average driving distance and estimated tire life, Sergeant Mangan of the Troop C Traffic Bureau estimates that approximately eight tires are worn out every day by Scintilla workers.

A brief comparison of the tire situation may bring the importance of this home to every automobile owner. When retread tire rationing began last Spring, the quota of the Southern Delaware Rationing Board was over 800 retreads. Last month the quota was 50 retreads.

The words "but I'm a war worker" are not a magic sesame which will open the doors to unlimited tires. The ration boards can not allow any more certificates for retreads than they have in their quota. It takes eight pounds of rubber to retread one passenger car tire. You may need retread tires, and you may be eligible for retread tires—but if there just aren't enough tires to meet all needs, well, there just aren't enough. If there were, we wouldn't have rationing.

America, and Americans, have long been noted for their ingenuity and initiative. Have the past years of luxury dulled that initiative to a point where you sit back in your automobile and say "why doesn't somebody do something about this situation?"

Well, it's up to you, Mr. American motorist. If you can't bring yourself to eliminate your pleasure driving, to doubling up, and sharing your automobile, to take every opportunity to conserve tires, to stop trying to "chisel" tires when you don't absolutely need them, to ride with somebody else, if all this causes you too much inconvenience, well, perhaps the boys at Bataan died for something you don't know even exists.

The number of automobiles used to carry workers to Scintilla must be reduced. Committees are being formed to assist plant personnel in obtaining transportation. A new transportation survey will be made. The cards must be filled in by every worker in order to facilitate the work of the transportation committees. When you get your card, fill it in accurately and return it to the place designated.



CAR SHARING PROGRAM for Scintilla employees as a partial solution to transportation difficulties, is discussed at a special meeting at Troop C Barracks, Sidney. Seated left to right are Egbert F. VanHorne, chairman of the Delaware County War Transportation Board, Robert Cass, employee representative, Capt. Daniel E. Fox, Chief Harry O. Dickinson of Scintilla police, Sgt. Thomas Mangan, Troop C Traffic Bureau supervisor, and E. M. Van Name, Personnel Manager.

## Every Minute Counts Here

It is a rule of the Bank of England that every employee must sign his name in a book on his arrival in the morning, and, if late, must give the reason. Fog is given as the chief cause of tardiness, and the first man to arrive late writes "fog" opposite his name, and those who follow write "ditto."

One day, however, the first late man gave as the reason, "Wife had twins." Twenty other late men mechanically signed "ditto" underneath.

## Medical Bureau . . .

(Continued from Page 1)

Spotlight of the highlights of medical service offered by our two First Aid rooms includes twice a week clinics, Tuesday at 6:45 a. m. for early shift workers, and Friday at 5:30 p. m. for other shifts. A doctor is in attendance at both clinics. Thousands of calls are handled monthly by the Medical Bureau, covering everything from dispensing of aspirin to emergency first aid.

Safety apparatus of all types is available for employees, including goggles, respirators, protective creams, sweat bands, salt tablets, finger guards, etc., all provided by the company for your safety, health and comfort.

Employees are urged to utilize all First Aid services—it may save you time and money to come to First Aid first.

## Boating Notes

Andy Prohaska, our plant "horse trader," boat dealer, etc. from the lay-out department, journeyed to East Masonville pond Sunday afternoon to show the local boys some high class boating.

He succeeded beyond all expectations. After executing various remarkable maneuvers, he climaxed his exhibition by upsetting boat, motor and passengers with a glorious splash, much to the delight of the audience. Nice going, Andy.

## Evolution of the automobile

- 1940 — No running boards
- 1941 — No gear shifts
- 1942 — No car.

## They Can Take It If You Make It

The New York Times of Monday, July 13, published a picture of a Wright Cyclone engine taken from a Boston bomber which had been shelled in a daylight raid over France.

The Times said "The bombers and gunners were killed in the sweep, and the pilot was fatally wounded. There are three shell holes in the nose section of the engine, the ignition harness and cylinder head fins are riddled with machine gun bullet holes . . . one magneto was shot away, and the supercharger housing in the rear of the engine was badly battered, but it continued to function.

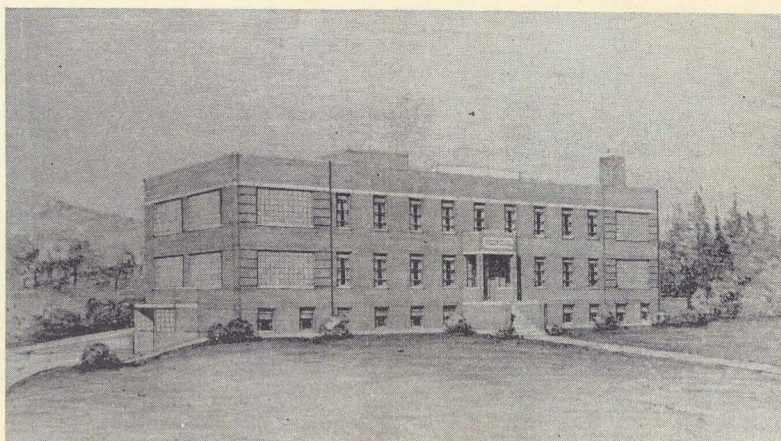
The plane's other engine head had been shot completely away, the Times said, and the pilot died after landing the bomber.

## Are You Well Fed?

Compare your average diet with the recommended one. If every day you have the foods listed below give yourself the full score. If you do not, omit the score for that item. You should rate 90 or above if you expect to do your best.

Milk—adults 1 pt.	20 points
child 1 qt.	
Vegetable, leafy, green or yellow	15 points
Tomato, raw cabbage or citrus fruit	15 points
2 other vegetables or fruit servings	10 points
Potato—one	5 points
Whole grain cereal or 2 slices whole wheat bread	10 points
Meat, fish or poultry	10 points
1 egg	5 points
Water 6-8 glasses	10 points
<b>Totals</b>	<b>100 points</b>

For more than 2 cups of coffee and tea deduct 5 points for each cup over. Further information will be given on *why* these foods are considered so important and suggestions on *how* they may be included in your daily diet.



SIDNEY HOSPITAL is under construction, and how the 29-bed institution will look upon completion is visualized in this architect's drawing. Scintilla Magneto Division, and Scintilla employees, contributed toward the recent fund drive to complete financing of the institution.



## Army Day . . .

(Continued from Page 1)

tained at the Scintilla cafeteria for luncheon and then will be taken through the plant in order to hobnob and become acquainted with the workers of the plant. A 7 o'clock dinner will be served in the cafeteria for the entire Army personnel, who will participate in the program.

The beautiful grounds of the Scintilla plant will be thrown open to the public and to the workers of the plant where a magnificent spectacle will be displayed at 9:00 P. M. and will run for 45 minutes until 9:45 P. M. Atop the main building will be located distinguished guests, speakers' stand, newsreel men and camera men and press reporters. On the ground immediately in front of the speakers' stand atop the building will be located the Scintilla Band in uniform and directly in front of them on the sidewalk will be located the American Legion Color Guard. Facing the flag pole from the speakers' stand will be arranged in human form the Victory slogan of the Scintilla workers which will take up a space approximately 8 feet wide and 150 feet in length. Directly in back of it at a distance of about 20 feet in human form will be the insignia facsimile of the wings of the bombardier—200 feet in length and being an exact replica of the bombardier wings. Next at about 30 feet distance toward the flag pole will be a gigantic V for Victory formed with hundreds of Scintilla workers and outlined from the apex of the V will be aligned the colors of the 28 United Nations. At the apex of the V will be mounted at a 20 foot height a gigantic American flag made up of electric light bulbs in color and surmounted by a gigantic pyrotechnical eagle. Each and every person who makes up these colossal diagrams will carry a pyrotechnical sparkler and a device for lighting it and at a given signal these will be touched off, one after the other; first the Scintilla slogan; second, the bombardier wings which will be placed in motion by slowly moving the sparklers forward and backward; third, the lighting of the giant V for Victory and last but not least, the unveiling of the electric flag and the setting off of the pyrotechnical eagle which will surmount it. This will form the spectacular part of the program. The detailed portions of the program starting at 9:00 P. M., July 25th, will be as follows:

1. The singing of the 1st and last verses of "America" by the entire audience, accompanied by the Scintilla Band.
2. Announcement by the master of ceremonies.
3. Address by Mr. W. W. Thomas, in behalf of the Management of Scintilla Magneto Division.

4. Applause and introduction by master of ceremonies.
5. Address by Mr. Paul Carney, representative of Labor.
6. Applause and introduction by master of ceremonies.
7. "Over There" (sung by entire audience, accompanied by the Scintilla Band).
8. Applause and introduction by master of ceremonies.
9. Address by Capt. Clenen J. Bishop, who will introduce Col. Roy M. Jones.
10. Address by principal speaker, Col. Roy M. Jones, of the U. S. Army Air Force.
11. Applause and announcement by master of ceremonies.
12. Starting pyrotechnical display of slogan, the wings, the V and Old Glory. At the instant that the National Emblem is displayed and the eagle bursts into a golden glow the Scintilla Band will play "The Star Spangled Banner," which concludes the program at 9:45 P. M.

Prominent among flyers to participate in Army Day, Saturday, at the Scintilla Magneto Division,

Bendix Aviation Corporation plant at Sidney, will be Colonel Ben Wee, veteran of eight years with the Chinese Air Force.

For two years, Col. Wee fought in the skies against Japan and was an instructor of China's Air Forces. He also fought with the Second Chinese Squadron at Shanghai.

Another distinguished guest will be Lieutenant T. C. Griffin of the Tokyo bombing squadron, who will arrive in Sidney from an undisclosed point at noon, Saturday.

Three Norwegian flyers from Little Norway, and Col. "Wild Bill" Hurell of the U. S. Army Air Corps will be present, and R. A. F. pilots and additional personnel of the Army Air Corps will swell the ranks of veteran pilots who will be a part of Scintilla's Army Day.

Sound trucks will tour the villages, towns and cities in the vicinity and broadcast the announcement of this program using the theme "Remember Pearl Harbor, Bataan and Corregidor," and don't forget Army Day at the Scintilla Magneto plant, July 25th.

Announcement as to national radio hook-up will be made as soon as arrangements have been completed. The entire story will run as a reprint in one of the large pictorial weekly magazines.



OVERSEAS on a civilian project are these former Scintilla employees who have safely reached their destination. Top row, left to right, are Joseph Demase, Everett Sargent and Frederick Tucker. Second row, Rex Huyck, Robert Murray and Clyde Murphy. Third row, Larry Lawrence, Cameron King, and Lloyd Griswold. The boys would like to hear from you. Their address, A. P. O. 815, Care of Postmaster, Box 12, New York City, N. Y.

## Gifts Sent to Former Workers Now in Service

"BEST OF LUCK" — SCINTILLA.

These words, inscribed upon an autograph pencil and a circular knife and file set, greet former Scintilla employees now in the Armed Forces.

The sets, gifts of Scintilla, are mailed to former employees in the Armed Forces as soon as the soldiers and sailors and marines send in camp mailing addresses.

Sgt. William H. Timer, formerly 24-79, writes from his post at Pine Camp, "I have received your very welcome gifts which were a pleasant surprise. They are very useful and you can be sure I will always keep them as a reminder of my most pleasant association with Scintilla."

"Although my stay with you was a short one, I trust that I will be back to renew the old friendships. Especially do I wish to be remembered to the boys in the molding room, and all those with whom I came in contact. Your kind remembrances and best wishes find an appreciation which is hard to express."

Pvt. Fred A. Clayton, formerly 39-48, writes from his post at Fort McClellan, Alabama, "I wish to thank you very much for the gift I received, and I am very proud of it. I am doing my best and am working very hard. We are on our toes all of the time, and I know you will do your best."

## Sidney Cardinals Lead Scintilla Ball League

Scintilla Softball League is running in smooth style with the cooperation of the U. S. O. Sidney Recreational Program Committee and mid-July standings found the Sidney Cardinals leading the league without a single loss.

In the women's division, the Scintilla Cubs were tops at that point in the race, but close behind were the Scintilla Dodgers.

League standings at mid-July follow:

### MEN'S LEAGUE

Sidney Cardinals	9	0
Indians	6	1
Gas House Gang	4	3
Bombers	5	4
Sidney Tigers	3	4
Mountaineers	3	7
Scintilla Bums	2	5
Rinkydinks Sr.	1	6
Toolroom Blasters	0	3

### WOMEN'S LEAGUE

Scintilla Cubs	4	1
Scintilla Dodgers	3	1
Scintilla Chiefs	2	2
Scintilla Amazons	0	5