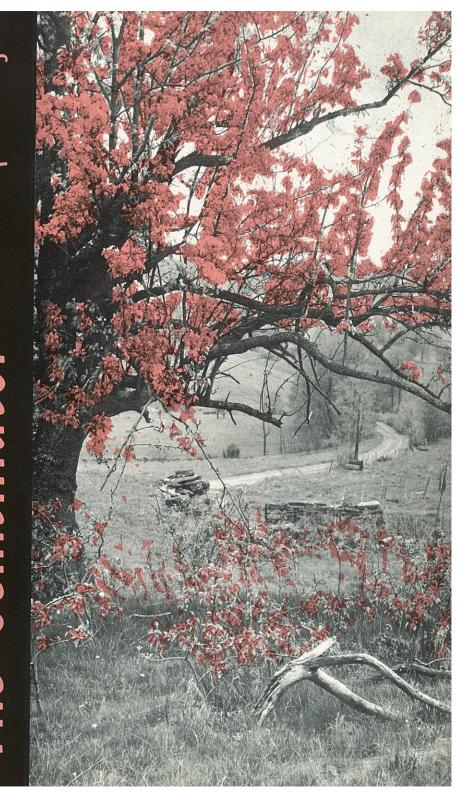
# Scintillator



#### PUBLISHED MONTHLY BY SCINTILLA DIVISION

OF

BENDIX AVIATION CORPORATION SIDNEY, NEW YORK

G. E. STEINER, GENERAL MANAGER

OFFICERS OF BENDIX AVIATION CORPORATION M. P. FERGUSON ......President R. P. LANSING ......Vice-President and Group Executive

W. H. HOUGHTON .....Treasurer .....Secretary H. A. GOSSNER ...

May, 1955 Vol. XIII

MANAGING EDITOR .....Carlton Dwight

No. 11

Training Supervisor ..... Denny Crandall PHOTOGRAPHERS ... Norman C. Meagley Monroe P. Dixson

> **CONTRIBUTORS** Employees of Scintilla Division

#### **Behind the Cover**

This is the SEEson for it . . eye. appealing jaunts into offbeat roadways, little traveled arteries where you can ride for hours at a time without being aware of the mad rush of passing traffic. Down forest-sheltered dirt roads and past grassy meadows where wild flowers bloom in profusion . . . shady woodland lanes, stone wall tumble-downs, and quiet backwoods ponds where peepers blend their voices with the chirp of crickets.

Nature has a way of holding her own against man's forward push. For every ribbon of poured concrete, there are hundreds of dirt roads unraveling their way into unexplored wonderlands. As you ride slowly along—these roads weren't meant for speedit's almost like putting your car in remote control. The back country unfolds like a magic carpet of changing scenery—a thousand and one sights you would never have a chance to glimpse in the fast pace of the highway.

This month's cover and the photos on Page 8 and 9 are the result of a recent "sightseeing" excursion by our Scintillator photographer. He reports that it's a great SEEson for it.



OOKING at the calendar, Summer 1955 seems like one long holiday. With Scintilla's vacation period (July 23-August 7) neatly sandwiched halfway between three day weekends for the 4th of July and Labor Day, the summer is going to be broken up very nicely. To start things off, there's a long week-end on tap for Memorial Day the end of this month.

Richard Bryan, formerly a member of the Layout Dept., is now a Lieutenant Commander in the Navy. Dick, who was called to active duty at the beginning of the Korean emergency, is presently flying out of

Brunswick, Ga.

Plans are already in motion for the Second International Ignition Conference to be held in Sidney late this summer. Sponsored by Scintilla, the conference will take place August 24-26. Delegates from all over the world will be attending.

The Blue Badge Club has come up with a unique idea this year for its clambake on July 17. Members will be able to take advantage of a special club plan and purchase their tickets at the rate of a dollar a

A sturdy, little peach tree growing out of the pavement in one of the courtyards is fast becoming a Scintilla institution. Employees at the East End of the plant watch for it to blossom (see photo) each Spring and keep the Scintillator Office informed of its progress. The tree is believed to have grown from a peach pit dropped from a Scintillite's lunch pail in years past.





GOLD NUGGET reclaimed at Scintilla would make expensive paperweight. Sup. Dick Lawrence compares size of \$600 nugget held by B. Baker with golf ball.

#### Two Scintilla Men Went Prospecting and Found

## A Gold Nugget



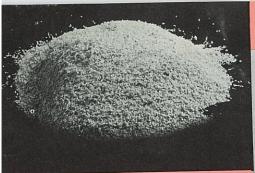
THAR'S gold in them that connector sockets, pardner—and the Production Lab recently staged a Scintilla version of the famous gold rush of the forty-niners. If you don't believe it, Payroll Supervisor Bill McIntyre has a solid gold nugget worth \$700 reposing in his department's safe.

A bizarre chain of events started in 1953 when a customer cancelled part of an order and the plant was left with a sizeable quantity of special Electrical Connector sockets on hand. The sockets, gold plated for a specific application, were not adaptable to another use and, for a time, it looked like they might end up as common scrap.

Dick Lawrence, supervisor of the Processing Dept:, however, staked out a claim on the lot and, with the assistance of Boyd Baker, started figuring the value of the gold plating and the cost of reclaiming it. They estimated they might come up with approximately 19 Troy ounces of pure gold, which is currently worth \$31.00 an ounce. Chemicals used in the reclaiming process would cost about \$5.00, and there would be close to 10 hours of labor on Boyd's part.

In reclaiming the gold, Boyd used 25 gallons of nitric acid which chewed away the brass and left a thin gold shell. A torch was then applied to these to reduce the volume to crucible size for further refining in a furnace. Hydrofluoric acid was used to remove the silicon, and the residue was washed with water.

As a result of the Production Lab's "gold mining" operation, only an ounce was lost in the slag—and six hundred dollars worth of gold was reclaimed in a 19-ounce nugget about the size of a golf ball.



SAWDUST, actually a fibre material, works fine for drying and burnishing.

COMPOUND which looks like coal dust in photo is widely used for grinding.



No 3-Ring Circus, but Plenty of Sawdust

# Tumbling Act

KARL VAN SCHAICK and Bert Zimmerman unload parts after tumbling



SAWDUST, an indispensable ingredient of the three-ring circus, gets into the act every day at Scintilla. There's a big difference, however. Our tumblers are not circus acrobats; they are barrel-shaped machines used to tumble Scintilla parts—and the sawdust is used for drying purposes.

Sawdust, metal cones, cleaning compound, and stones in several different grades are the versatile materials used to clean, dry, burr and burnish Scintilla parts to the desired finish. It's a fascinating process to watch, and the various parts and materials go on

stage as if by cue.

Viewing the Tumbling Room, you get the impression that here is one more tribute to man's mechanical ingenuity. The tumbling stones — a manufactured material made of aluminum oxide chips and a bonding agent —are stored in large hoppers according to size. These are withdrawn and loaded with the parts into the tumb-



BB shot are used for polishing parts.

ling machines by means of a suspended

SMALL metal cones a bit larger than

scoop and electric hoist.

When it comes to the actual tumbling, no guesswork is involved. By means of a card system, the operator knows the ratio of the tumbling materials and water to the various parts and the exact tumbling time required to accomplish the desired results.

The various metals to be deburred

STONES used in tumbling barrels act as burring agent; come in many sizes.

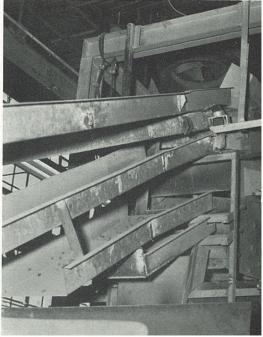


require a wide variety of chemicals, stones and running times, governed by the finish required. After tumbling, the water and chemical solutions are drained off, and the remainder of the load is transferred to a magnetic separator for the purpose of separating the steel parts and stones. A shaker screen then grades the stones and returns them to their proper bins.

PHOTO here shows men withdrawing stones from one of the large hoppers.



SEPARATOR sorts stones and sends them rolling down chutes into bins.





MR. ODELL

MR. MUGGLIN

Hobo (to housewife): "It isn't that I'm avoiding work, ma'am. There isn't much doing in my particular line. I'm a window box weeder.

Into the psychiatrist's office walked a lady with a kangaroo on a leash. The doctor asked: "Can I help you?"

"It isn't me," said the lady, "it's my husband here. He thinks he's a kangaroo."

#### Men's Chorus **Elects Officers** For 1955-'56

The Scintilla Men's Chorus early this month elected Ernest Mugglin as president.

Other officers of the group include George Bills, vice-president; Robert Higbie, secretary-treasurer; and Richard Le-Grand, librarian. Al Odel is the director.

Rehearsals of the chorus are being held every Monday and Wednesday from 12:30 to 1:00 in the Training Center.

Each swept-back wing of one of this nation's latest iet bombers contains 14,698 bolts and rivets.

#### EASTONETTES

Creeping out of hibernation—steeped in deep anticipation—to fulfill each expectation-

Meet the golfer-sport supreme. Clad in togs of gay origin—stemming from some gay Scot's vision—armed with shafts styled to precision-

Strides the golfer o'er the scene.

Lofty hits and narrow misses—aimed at tiny rubber missiles—venting groans and strenuous hisses-

Biceps bulging unrestrained.

Tee to tee in terms of fashion—venting each in raging passion—wends our would-be score assassin-

O'er the scarred and pocked terrain.

Every club down to the putter—have their costly purpose muttered—plus a home in some damp gutter-

As the score goes shamefully high.

Greens have lacked the proper care—drives all slice must be the air—roughs close in from everywhere-

Blasted course is sowed in rye.

Yet, in bold Teutonic splendor-he will not condone surrender-tho' both feet are bruised and tender-

He limps to the club house door.

Joins his cronies for a coffee—once more feeling gay and lofty—can't admit he's just a softie.

Good thing he destroyed his score. -By Ken Easton.

# o Scrapbook

# Joe Scrapp Urges All Operators To Check Own Work

Sidney, May 23 — Joe Scrapp, prominent scrap man at the Scintilla Division of Bendix Aviation Corporation, today said encouraging progress is being made in the plantwide drive to cut costs due to scrap and waste.

Declining to release any actual figures for publication, he pointed out that such information could be of value to competitors and should be treated confidentially. He suggested, however, that Scintilla employees keep track of the weekly dollar total of scrap by checking the sign posted in the Main Clock Area.

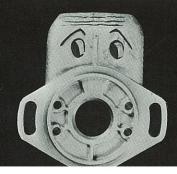
"Members of the various departments should also follow their own progress and compare it with other departments in the plant by means of the departmental scrap charts," he said.

Leafing through several pages in the "Plant Scrapbook." he commented that this was one scrapbook no one is anxious to paste items in. "It certainly will never make the best seller lists." he observed with a wry smile.

Mr. Scrapp turned his attention to some current scrap figures and said he believed there would continue to be ups and downs in the overall scrap picture, but that the trend is definitely toward a lower level. "The big thing," he said, "is to make everyone realize how important he or she is in keeping a tight control on scrap.

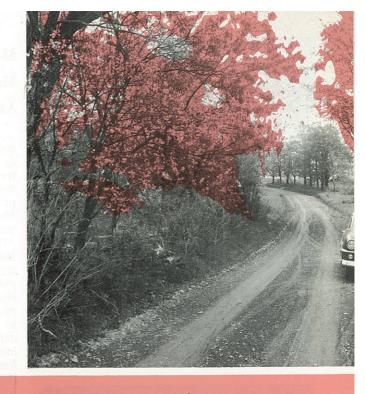
He went on to say that due to the many processes at Scintilla, some scrap is unavoidable. On machine scrap, however, he pointëd out there is little excuse and said much scrap can be avoided by checking the parts at regular intervals.

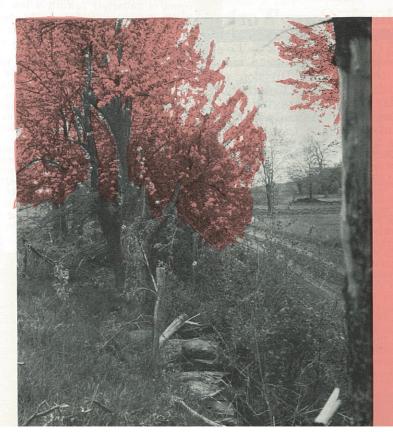
Mr. Scrapp complimented Scintilla employees as a whole and said there were many machine operators who have no scrap at all from one week to another. "Remember, all incentive rates for shop operations include an allowance for checking the work produced," he concluded.











May is a perfumed flirt dolled up in frills and feminine fancy. She can set your heart on fire and make your head spin. And if you try to work, she'll send a pink fog of dogwood blossoms drifting down a distant hillside to lure your mind away on a windspun cloud. She's the girl who kissed the dandelions on your front lawn and turned them into nuggets of gold. She sprinkled your favorite trout stream with the sparkle of diamonds and traced the wrinkles of a certain, seesonal smile around the corners of your best girl's lips. She taught every girl in the world just how to act when a fellow's mind is in a mellow mood-and if you don't watch your step, she'll weave a carpet of violets at your feet and trip you up. You might as well yield, for this is May's dayand it's a great seeson for sightseeing. Put down your rake, wash that green thumb, and hitch a ride into Springtime wonderlands. A word of caution, however. Spring sightseeing should be done in a leisurely manner, and as your eyes take in unforgettable vistas of changing scenes and colors-heed well the thought that sightseeing depends on sight saving. Protect your eyesight on the job with a little foresight, so that you may continue to enjoy year after year life's parade of changing Seesons!

### SCINTILLA FIRST IN STATE TO RECEIVE CD STAR

For the third consecutive year Scintilla has been awarded the New York State Plant Protection Award.

First plant in the State to receive a second star for the Plant Protection Banner, at the time this issue went to press official presentation of the award was scheduled for Thursday morning, May 19th. Lt. Gen. C. R. Huebner, director of the New York State Civil Defense Commission, was expected to be present

to personally make the presentation.

Awarded for the efficiency of plant protection and emergency operations, the CD Plant Protection Banner was initially presented to the Division in 1953. Scintilla was also the first plant in the state to earn the first star for the banner.

Pictures and a story of the presentation ceremony will appear in the June issue of *The Scin*-

tillator.



MAJ. GEN. Paul E. Ruestow (right), Far East Air Logistic Force Commander, discusses military aviation with Charles M. Marcus, vice-president and group executive of Bendix Aviation Corp., and Brig. Gen. Beverly H. Warren, Far East Air Forces Deputy for Material, at a recent dinner reception for Mr. Marcus in Tokyo.

# Melodrama By Management Men At Annual Meeting

A court room drama, complete with "Dragnet" theme and heavy overtones of justice being meted out, featured the program portion of the Management Club's annual meeting on May 19.

William S. Campbell, assistant service manager, occupied the bench as presiding judge, and other Management Club members filled in roles as prosecuting attorney, defense attorney, policemen, court crier, court stenographer, jury members, witnesses and defendants.

In connection with the annual meeting, held in the American Legion Home following a chicken and biscuit dinner, the following officers and directors were elected: Harry Bouvier, president; Walter Canfield, vice-president; Charles Brack, secretary; William Mc-Intyre, treasurer; Richard Warring and Karl Woytek, directors.

# Mgt. Club Sets June 14th Date For '55 Picnic

The Management Club has set Tuesday evening, June 14, as the date for its annual picnic.

As in previous years, the picnic will be held in The Pines across from Scintilla's South Gate. Robert McCauley is the chairman in charge of arrangements for this year's outing.

In the event of rain, activities will be transferred to the American Legion Home.

#### **PROMOTED**

James Wagner of Dept. 87 was promoted to Field Service Representative, Sr., on May 1st.

Formerly assigned to the New York area, he has been transferred to Kansas, where his district includes Kansas, Missouri, Nebraska, Minnesota, North Dakota, South Dakota, the Province of Manitoba in Canada, and portions of Illinois and Iowa. He has been associated with Scintilla since July 1953.

#### RETIRES



SGT. WILLIAM BRUCE of Plant Protection retired on May 2 after close to 15 years of service.



MR. EGLI



MR. LARAWAY



MR. DAVIS



MR. WELLS

#### Salute to Service

#### 20 Years of Service

Raymond Laraway, Dept. 11Apr.	17
Albert Egli, Jr., Dept. 5Apr.	21
Lloyd Davis, Dept. 12Apr.	27
Arthur Wells, Dept. 11	6
10 Years of Service	

#### 

#### **BLUE CROSS NOTICE**

PROTECTION EVERYWHERE—Your Blue Cross benefits and service are not limited to hospitals in the Utica Hospital Plan, Inc. area. If you should be an admitted bed patient out of our operating area, Blue Cross Hospital Plan, Inc. will use the reciprocal agreement it has with other Blue Cross Plans throughout the United States and Canada to provide you with the hospital care which members in that area receive.

that area receive.

If the reciprocal agreement does NOT cover the particular hospital in which you are hospitalized, you would receive our regular non-participating hospital benefits.



BLUE BADGE Management Panel members pictured above are Walter Michel, George E. Steiner, H. C. Walters, Thomas Z. Fagan, and Donald S. Jones. A portion of the audience is pictured in photo below.



#### Blue Badge Panel sistant director of engi-

#### **Program Features** Five Executives

One hundred and twenty-five office Scintillites were present at a Management Panel and Dinner sponsored by the Scintilla Blue Badge Club on Wednesday evening, April 27th.

Five top level executives were queried on various matters pertaining to company policies, departmental operations, personnel procedures and employee benefits. panel included George E. Steiner, general manager; Thomas Z. Fagan, director of sales, service & advertising; Walter Michel, factory manager; Donald S. Iones, director of industrial relations; and Herbert C. Walters, asneering.

Denny Crandall, club president, was moderator for the program, which followed a dinner in the cafeteria. As an added feature, the Scintilla Men's Chorus sang several selections during the evening.

Questions for the panel program were submitted by office personnel in advance. Representation on the panel was limited to those departments to which specific questions were directed.

A new military air transport plane, which the United States Air Force classes as a "medium combat transport," has a clear cargo compartment longer and wider than a standard railroad freight car. It can carry a 20-ton payload and its engines develop enough horsepower to pull four 40-car railroad trains.

#### Scintilla Bowler Winner of \$500 Second Prize

A Scintilla bowler recently captured second place and a \$500 prize in a Binghamton Singles Handicap Tournament.

He is Dominick Battisti of Dept. 42, who rolled 1080 with handicap. A veteran bowler of more than 20 years of experience on various alleys, he bowls in St. John's League in Susquehanna, Pa.

A member of teams in other area tournaments, his team took first place in the IBM Polio Tournament several seasons ago. Dominick, who has worked at Scintilla since November 1950, makes a daily round trip of 80 miles from his home in Susquehanna.

MR. BATISTI



#### Brake Needed On Accidents To Break Even

When it comes to safety, it's our intention to report the bad as well as the good-and the record, frankly speaking, hasn't been good the past several weeks.

We've been on a losttime accident binge, and there were five cases in April alone compared with seven for the first three months of the year. May 6 was "Black Friday" as far as our safety record is concerned, with three separate lost time accidents involving the loss of a finger tip, laceration and fracture of a toe, and contusion of the ribs.

This brings our total for the year up to 15, a good point to call a halt. There's still time to better last year's record of 40 lost time cases—but we've got to work harder than ever to do it.



SHOWN WITH championship trophy are Scintilla members of Unadilla Rifle Team. From I. to r.-Clyde Wilkins, Wendell Bachman, E. Judd, R. Gossoo.

#### Four Scintilla Men Members Of Championship Rifle Team

Four Scintilla men were on this year's championship team in the Central Empire State Rifle and Pistol League.

Members of the Una-Dept. 34. Succeeding in possible 2000 points.

winning 16 out of 17 matches, the Unadilla team has taken the coveted first place trophy twice in the past three years.

The Unadilla riflemen dilla Rifle and Pistol were paced by Clyde Wil-Team, the group includes kins who had a 377.3 Wendell Bachman, Dept. average out of a possible 87; Clyde Wilkins, Dept. 400 points. The total 100; Ezra Judd, Dept. team average for the sea-34; and Rodney Gossoo, son was 1878.9 out of a

SCINTILLA MANAGEMENT CLUB members are pictured at a dinner in the I.B.M. Country Club. Over 200 Scintilla men were quests of I.B.M. on April 14.



#### BARTER COLUMN

A service for employees of Scintilla Division, conducted without charge. All articles advertised must be the personal property of the employee. Ads of a commercial nature are not acceptable.

- FOR SALE: Hand lawnmower, in good condition, \$10.00. Phone Sidney 6381 after 5:30 p. m.
- FOR SALE: New .38 cal. Military Police Revolver, Smith & Wesson, square butt with 4" barrel; holster and shell carrier included. \$50.00. Bill Mc-Grade, 6 West Main St., Sidney.
- FOR SALE: 4-burner gas stove. Apartment size. \$10.00. W. Canfield, Phone Sidney 5843.
- FOR SALE: Cottage at Guilford Lake. Sleeps six. Electric refrigerator, gas stove, lights and running water. Has big yard. Erma Marble, Phone Guilford 6-2373.
- FOR SALE: Sofa Bed. Dark green with gold and black thread, never used. \$50.00. Also, dark wood swivel top TV base, \$10.00. Ida Dunbar, 15 Church St., Unadilla. Phone Unadilla 2332.
- FOR SALE: 1948 Olds 98. In good running order, all good tires and clean looking. Reasonable price. Gordon Fitzgerald, Phone Sidney 3882.
- FOR SALE: Small country home. 4 rooms and bath, oil furnace, well water. Low taxes, excellent TV reception. G. Sprague, Phone Sidney 3228.
- FOR SALE: 1951 Chevrolet hardtop convertible. In good condition, new tires, 33,000 miles. \$795. George Sprague, Phone Sidney 3228.
- FOR SALE: Woman's white roller skates. Size 6, \$10.00. 248 Bird Ave., Sidney. Phone Sidney-6604.
- FOR SALE: Pair of man's white roller skates, size 9, Seldom used. \$10.00.

- Phone Bainbridge 3452.
- FOR SALE: 20 window screens and two combination storm doors, in good condition. Roland Chartier, 71 Beal Blvd., Sidney. Phone Sidney 5103.
- FOR SALE: Reel type lawn mower attachment for garden tractor. Also, hand lawn mower. Howard Paris, Phone Unadilla 2350.
- FOR RENT: Three-room, nicely furnished, heated apartment in refined home. Reduced rate for summer. Centrally located. Phone Sidney 7953 after 4:00 p. m.



My sincere thanks and appreciation to The Management of Scintilla for the beautiful flowers sent me while a patient in the hospital; also, to friends and co-workers in Depts. 38 and 44 for the collection and birthday gifts, and to those who sent letters, cards, flowers, candy, sunshine baskets, and made both of stays in the hospital more pleasant.—Grace Bodiot.

I wish to thank The Management for the basket of fruit. It was lovely, and one appreciates attention and thoughtfulness during an illness.—Mrs. Grace Schermerhorn.

I wish to thank The Scintilla Management for the beautiful basket of flowers sent to me while I was sick; also many thanks for the cards and acts of kindness from my friends.—Frank C. McNutt.

We wish to express our appreciation to our many friends on both day and night shifts in Depts. 99, 34, 44, 48, gage inspection and supervision; also to I.A.M. Lodge for the many acts of kindness and beautiful flowers given following the sudden death of our dear one.—Mrs. Anna Beckwith, Carolyn and Mildred Beckwith.

We wish to express our thanks to The Management of Scintilla, Depts. 29, 42, 13 and 28, the Engineering Dept. and Blueprint Room for the flowers, cards and many other kindnesses shown us in the loss of our dear husband, father and son.—Mrs. Floyd Griswold. Richard, Robert and Russell Griswold, and Mr. and Mrs. Walter Griswold.

We wish to thank The Management and our friends at Scintilla for their kindness and thoughtfulness at the time of our bereavement.

—The Radano and Armstrong families.

We wish to express our sincére thanks to The Management, Experimental Dept. and office, Department 32, and those who acted as bearers, furnished cars, and to all Scintilla friends for their many acts of kindness during our recent bereavement.—Mrs. James Reynolds and children.

I wish to thank The Management for the sunshine basket; also the members of Dept. 74 and 73 for their help during my recent illness.—Bruce Marcellus.

Many thanks to The Scintilla Management for the flowers sent during my recent session in the hospital. Also, I wish to express appreciation for the flood of "Get Well" cards received from friends both in the shop and various offices.—Harold W. Follett, Sr.

The family of Carl A. Holmes acknowledges with grateful appreciation your kind expression of sympathy.

I wish to express my sincere appreciation to the Scintilla Management for the beautiful flowers sent to me during my stav in Binghamton City Hospital, to the "Tool Room Gang" and friends for the wonderful basket of good things, and to those who sent cards and called. —Howard E. Buck.

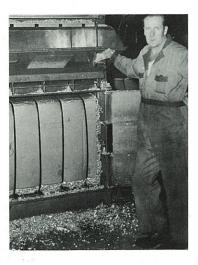
I wish to express my sincere thanks to the Management of Scintilla Division and to Sidney Lodge 1529 International Association of Machinists for the beautiful flowers which were sent for the funeral of Leslie D. Bennett. Also, to the members of the Tool Room for their many acts of kindness to my husband over a period of years, for acting as bearers and for their beautiful spray of flowers. —Ida M. Bennett.

I wish to thank The Management for the beautiful basket of fruit received during my stay in the hospital, also my many friends and fellow workers who remembered me with gifts, cards and calls. —Georgia Asquith.

I wish to express my sincere thanks to the Scintilla Management for the basket of fruit; also to Dept. 99 (Small Parts Inspection) for the lovely gift, and to all my co-workers and friends for the many cards and visits during my illness and stay in the hospital.—Leona Parent.

I wish to thank my many friends for their kindnesses during my stay in the hospital. Also, I would like to express my appreciation to Scintilla for the beautiful sunshine basket.—J. E. DeTemple.

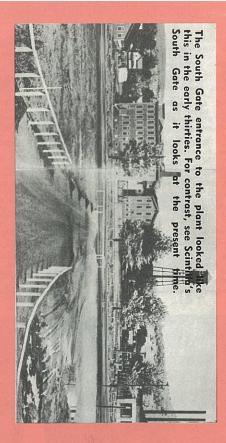






NEW SCRAP bailer in Dept. 13 makes handling of chips and shavings much easier, saves time and conserves storage space. From 1. to r.—Laurence Wessels loading bailer, Adell Moore with 400-lb. bail, Ray Dean and Wm. Kirk transporting bail.

# DID YOU KNOW .?



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BENDIX AVIATION CORPORATION
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SIDNEY NEW YORK, U. S. A.

Sec. 34.66 P.L. & R.
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