

THE SCINTILLATOR

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SCINTILLA MAGNETO DIVISION, BENDIX AVIATION CORPORATION SIDNEY, NEW YORK

G. E. STEINER, GENERAL MANAGER

OFFICERS OF BENDIX AVIATION CORPORATION

M. P. FERGUSON
PRESIDENT

W. H. HOUGHTON TREASURER H. A. GOSSNER
SECRETARY

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MANAGING EDITOR—E. M. VAN NAME STAFF ASSISTANT TO THE GENERAL MANAGER



ASSISTANT EDITOR—D. R. CRANDALL

PHOTOGRAPHERS—H. C. EARL
N. C. MEAGLEY

EDITOR—P. J. DU BOIS

CONTRIBUTORS

The Employees of Scintilla Magneto Division, Bendix Aviation Corporation



Community safeguards depend upon a united people. Especially in time of disaster efficient functioning is necessary if lives are to be saved and the injured and homeless given practical aid. That is why an organization such as the American National Red Cross is necessary. Haphazard planning won't do. People must know where to turn, how to coordinate their efforts to help.

The Red Cross was able to coordinate the services of civic groups last year when more than 300 disasters struck in widely separated communities. Vanport, Ore.; New Orleans, La.; Coatesville, Ind.; Greensboro, N. C.; Bonne Terre, Mo., are many miles apart, but in each case the peculiar catastrophe that attacked these places was met by organized response.



All Red Cross work is divided between community volunteers and a full-time staff. Whether the work is educational and preventive, such as first aid, water safety, accident prevention, home nursing, nutrition; or remedial, such as aid to veterans, servicemen and civilians, both hospitalized and able-bodied, the Red Cross counts on community cooperation.



The growing Red Cross National Blood Program particularly demonstrates the need for partnership that makes service possible. So far approximately 64,000 persons have offered to donate blood in this peacetime program, and blood has been distributed to more than 350 hospitals.

Let us continue to have faith in this people's partnership to the end that we will contribute our money, our time and our moral support to make the 1949 Red Cross fund campaign a success. The time of solicitation is now. The service is year-around.





IN ITS OWN blustery way, March ushers in a season of whispered promises that speak softly of an early Spring. It is a month of rude awakening. It comes in with a lion's roar and takes leave like a docile lamb. Almost anything goes . . . from a balmy, Spring zephyr to a real stiff blow edged with winter sleet and ice. As the sun daily creeps higher in the sky, tepid fingers of soothing warmth pluck at the frost-crusted earth, unzipping a sparkling veil of snow powder from the face of a world at slumber. Sap buckets sprout with reckless abandon on every maple in sight. A curious blending of Winter into Spring takes place until just the right proportion is reached. For a time, however, the balance of power between Old King Winter and The Queen of Spring is extremely delicate.

ALL BOYHOOD looks forward to March as a Spring treat, a time of year for piloting high flying kites and observing constantly changing cloud pictures. During this, the third month of the year, blue skies are most always punctuated with clusters of air-borne kites and blimp-like clouds . . . some folks might describe it as a polka dot sky.

IN A SENSE, March Time is Mark Time . . . a period of preparation when folks get ready for the big tasks that lay ahead. A baby chick serenade in the post office informs the city man that the farmer is already hard at work preparing for the new growing season. Likewise, the farmer can sense that the city man is also getting ready for a big spring reopening. Nose deep in a variety of colorful seed catalogs, the city dweller again discovers the age-old urge "to go rural." The farmer, experiencing a daily communion with the waking wonders of nature, rededicates his philosophy of living "close to the land." If ever there is a time of year when city man and farmer think alike, it is during March, a month of awakening . . . a prelude to Spring.





This is a story of Scintilla.

It is not intended as a history, or a nostalgic journey into the past. Instead, its purpose is to simply provide a connecting link between the Scintilla of yester-year and the Scintilla of today, to offer a study in comparison between the Scintilla of then and the Scintilla of now.

In short, *The Scintilla Story* is a story to which new chapters are being added daily. It is a story written by the hands of many — shop people, office personnel, management, engineers — people like you and I, who accept our duties at Scintilla as an important part of our lives, the means by which we are able to provide the essentials and comforts of the American way of life for ourselves and our families.

More than anything else, *The Scintilla Story* is a story of progress — not only for Scintilla, but also for its employees and the several communities from which they come. The steady growth of Scintilla has contributed directly to the growth of Sidney and surrounding area. Through the years Scintilla has come to represent a symbol of security for both the individual and the community.

Consider the contrast between our large, modern plant of today and Scintilla's early facilities in Sidney. In 1925, the year the Division moved to Sidney, manufacturing operations were conducted in one small

building with second hand machinery making up the bulk of equipment. The setting was strictly rural, and total production consisted of not more than ten magnetos per month. Fifteen employees, including executives, were listed on the payroll.

Compare this with our present layout and modern facilities for precision manufac-

turing:

From a small beginning in modest quarters, Scintilla has steadily grown in size and scope — through the years until today it is a huge manufacturing center, precision producing the finest in aircraft ignition, industrial and commercial equipment. The modern, yellow brick exterior of our present plant offers striking contrast to the old, wooden building that was the Scintilla of earlier years. Where pasture land and swamp once held full reign, Scintilla today has a frontage of beautiful, landscaped grounds flanked by two large parking lots — a modern day necessity for which there was little need a quarter of a century ago.

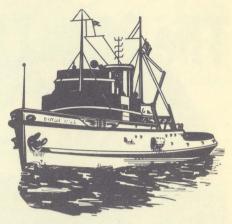
From a small nucleus of fifteen employees, Scintilla's working force has consistently increased, reaching a wartime peak of more than 8,000 employees and a postwar figure of approximately 2,000. This may be compared to a prewar average figure (in 1938) of 765 employees.

Continued on Page 8

The Story



FROM THIS — A single product, produced at the rate of 10 per month by fifteen employees . . .

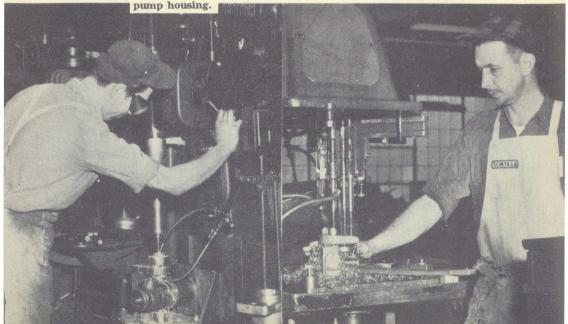


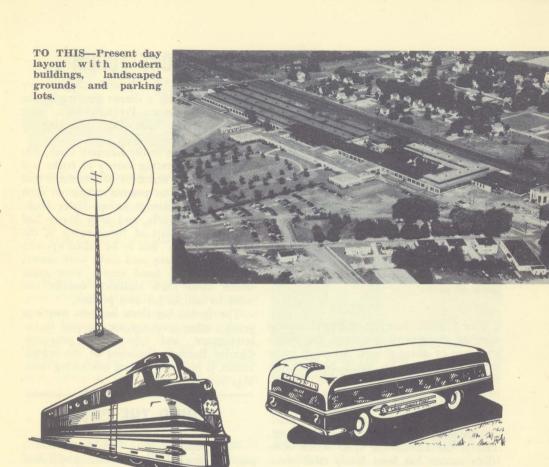
TO THIS — A multiple variety of products, produced by the thousands for the several fields served by Scintilla. Employees — approximately 2,200. (Photos below picture a few of the various operations performed daily at Scintilla.)

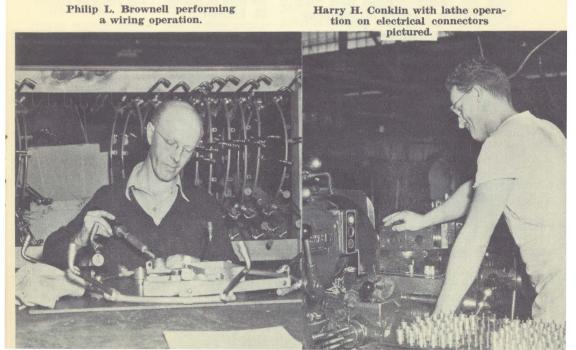


Gerald J. Derrick pictured performing a drilling operation on fuel

E. Hollenbeck performs a drilling operation on a bushing.







The Story SUPERVISORY FORUM Members of the Scientification of the Sc (from Page 5)

From a single product, manufactured at the rate of 10 per month, Scintilla has branched out into several fields; today it is producing a wide variety of products in numerous types and models. In addition to the aircraft field, Scintilla also is serving the marine, railroad, automotive, industrial and communications field. Production nowadays is considered in terms of thousands of units.

The Scintilla Story is a typical success story of the American system, the American way of doing things. Although many comparisons may be made between the Scintilla of today and the Scintilla of 1925, two very important factors have remained unchanged through the years - skilled workmanship and the superiority of products bearing the Bendix - Scintilla name. This is the foundation upon which Scintilla's success has been firmly established. In a field where dependability, enduring quality and efficiency are of utmost importance, the Bendix - Scintilla trade mark is recognized as a symbol of superiority.

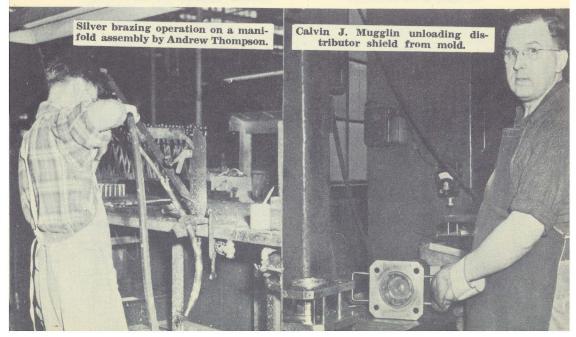
Members of the Scintilla Supervisory Forum, attending a dinner meeting at the Unadilla House on February 18th, were entertained by "Ken - Do," magician of Morris, N. Y

"Ken-Do," in reality Kenneth Cook, displayed an interesting variety of tricks and had the forum members so interested that they attempted to practice magic on each other. "Doc" Barratt locked Harry Dickenson in handcuffs, and after Harry had spent a good part of the evening in the irons, "Ken-Do" had to be called upon to release him. Many card tricks were shown, and sleight of hand moves were made which made Dick Holdrich wonder just what he had in his own pockets.

The forum has three business meetings yearly; other meetings are devoted to entertainment and educational programs. Charles Burdick, President of the organization, is planning several interesting meetings for the future.

BEHIND THE COVER

For a peek at Spring, just lift the March page of your calendar . . . you'll find tulip gardens blooming in colorful profusion, a sure sign that Spring has a real toe hold in Sidney. Tulip photo by Harold M. Lambert.





Your Social Security Card:

If you have a social security card, the Social Security Administration is keeping an individual record of your earnings in a big central office at Baltimore, Maryland.

When you work under social security your employer sends in each three months a report of your earnings, and gives your name and social security account number, as you gave it to him. These reports go finally to the Social Security Administration office at Baltimore, and there are posted to the individual records.

There are more than 89,000,000 social security accounts in Baltimore. No one can keep your record straight unless you do your part. You must see that your employer has your name and social security account number just as they appear on your social security card.

You should have only one social security account. If you lose your card, get a duplicate with the same number. If you change your name, be sure to notify the Social Security Administration, so your record can be corrected.

If you want to know how much your social security account shows, you may have a statement once each year. Mistakes in social security records usually cannot be corrected after four years.



LELAND MILLER, Broaching Machine Operator

Since his Honorable Discharge from the Marine Corps in May, 1946, Leland Miller of Department 30 has operated Scintilla's only Horizontal Broaching Machine. Scintilla's other broaching machines are of a vertical type.

A graduate of Otego Central School, Leland attended Hartwick College for a year before coming into Scintilla in 1941. Altogether he has accumulated over 7½ years of service with this Division. He entered the Marine Corps in December of 1942.

APRIL 10 — 100 Years Ago (1849) an invention was patented without which modern life . . . particularly that of babies . . . would be hard to imagine. It was the safety pin! Walter Hunt of New York City conceived and made a model of the pin in three inspirational hours. He sold his patent for only \$400.

Cafeteria Coff







Before we get too jot down the minutes events are still fresh i

The meeting was Shirley Tutur, presidister. Dues, covering and doughnuts, were sleepily wandered the line in a single file fully noted that seve Norwich chapter took. . . . blacker than

Following a social chatter," a gentleman from "Lil' Abner" in and led off with the "Dunk To Me Only Several demonstration drain" method follow

In the meantime, a the merits of the coand those of the raise The meeting broke up joined the crowd headi



ee Club

The second secon

ned from an early he Cafeteria Coffee ore convinced than have one thing in lee and doughnuts. may prefer to call plain fried cakes, nd these fugitives breakfast tables all if it weren't for Brazil do with all

involved, we'll just f the meeting while our minds:

alled to order by ig at the cash regthe price of coffee ollected as members ough the cafeteria rmation. We careal members of the their coffee straight charred doughnut. period of "coffee disengaged himself the morning paper club's theme song, with Thine Eyes." of the "dunk and d.

lively discussion on ventional doughnut variety took place. It this point and we g for the East Gate.

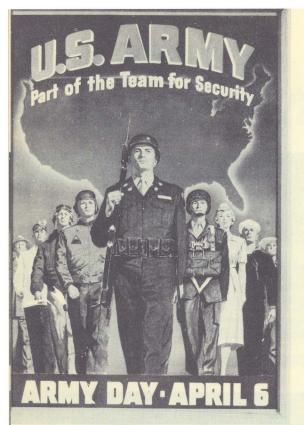


D IT — Maxine Bartz Fredericks find time from Sidney Center flee before going in









"E" Flag flew over Scintilla and thousands of other plants as a symbol of industry's magnificent part in helping to win the war. On Army Day, 1949, we at Scintilla join in the salute from industry to its teammate, the United States Army. In saluting the Army, we are proud of the fact that we are also "still part of the team for security."

In the belief that it will be of interest to all of our readers, we reprint the following statement by General Omar N. Bradley, Chief of Staff, United States Army:

"The Army job in 1949 is no small task. As part of the defense team, we must give the citizens of the United States a full dollar's worth of security for a dollar spent. At the same time, we are trying to make the army an interesting, appealing career, open to all. Men and women in the army are making many personal sacrifices in the work of guarding the frontiers, and deserve the full support of the nation in this great task.

"We have pledged ourselves to a speedy, effective unity among the armed forces. Within our service, we are striving to build a team of mobile divisions trained and ready for instant use in case of emergency. And in our plans, we are relying on

Army Day

Theme for this year's observance of Army Day on April 6th will be "The United States Army — Part of the Team — for Security." By proclamation of the President of the United States, Army Day is set aside each year for the purpose of providing an opportunity for the Army to report to the people on its world-wide assignments and activities. It is a day on which the American people honor the institution they maintain with their money and their men.

Army Day will be marked throughout the nation and at army installations overseas by parades, exhibits and "open house" at army posts and national guard armories. Statements will be made by high government officials and army officers on radio and television shows. All will follow a basic theme of unity.

During World War II the Army-Navy

the rising strength of the National Guard and Reserve Corps for the broad base of any future mobilization.

"In all these plans, we are pledged to a constant observance, in the true democratic tradition, of the right and dignity of the individual.

"On Army Day, 1949, we of the army re-state these pledges, and invite your interest in the progress we are making in the accomplishment of the missions the people have assigned to us."

APRIL 6 — 40 Years Ago (1909) Admiral Robert E. Peary discovered the North Pole. His radio message, not sent until six months later and considered to be the first big news event distributed by air, reported he had "tacked the Stars and Stripes to the North Pole."

Meet Your Foremen

Edmund J. Yensen, Experimental Department Foreman, is a native of Pennsylvania where he was born April 11, 1915. Attending the Simpson, Pa., schools, he graduated from Fell High School in 1934 and went to work as a clerk in a Carbondale store.

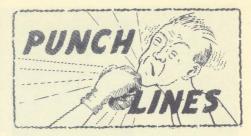
After a year, however, Ed left to work for the U. S. Forest Service in Western Pennsylvania. In the Fall of 1937 he migrated to New Jersey where he worked as a waiter in several hotels. Three years later he moved to Bainbridge, working on Scintilla construction for Frank Lewis.

On November 12, 1940, he started work as a Scintilla employee and was assigned to the Harness Department. When the Experimental Harness Department was set up in 1942, Ed was transferred to it and in the Spring of 1943 was made foreman. Following V-J Day he was a Group Leader for two months after which he was again made foreman.

Married and the father of two daughters, Ed lives in Sidney. Although he is interested in most sports, his main pastime is fishing. Since he has been at Scintilla he has taken a number of Division courses.







Hot Water Rebellion:

One hundred and fifty years ago the "Hot Water Rebellion," opposing a tax based on the size of homes, was quieted by the state militia in Eastern Pennsylvania. A favorite type of protest, which gave the "Rebellion" its name, was the pouring of hot water out of windows on tax assessors measuring the dwellings. Our modern day tax system clearly demonstrates just how easy it is to reverse a situation — nowadays it's always the taxpayer who finds himself in "hot water."

Society News:

"She was united in matrimoney," the society reporter wrote, describing the marriage of a young girl to a very wealthy old man.

The Unknown:

In algebra, x always stands for the unknown. Perhaps that's why we regard most "tales" as an "x-aggeration" . . . we never know how much to believe.

Size This One Up:

In taking off weight, a man soon discovers that if he takes the "exer" out of exercise, he is left with just plain "cise" . . . and plenty of it.

Lost Weekend:

News Item: "The weekend reveler was arrested on a charge of drunkenness. Upon his (the reveler's) arraignment before the bar, the judge took one look and soberly announced that the charge should read, "drunken mess."





ROBERT BOYER NEW SENIOR SALES ENGINEER

Announcement was made last month of the appointment of Robert Boyer, Jr., as Senior Sales Engineer. A native of Philadelphia, he comes to Scintilla with a long list of achievements to his credit.

Mr. Boyer has been associated with the aviation industry for the last 13 years. During his senior year at New York University he was awarded the Chance Vought Memorial Prize for Airplane Design (1937). From 1937 to 1939 he was a Structures Engineer at Lockheed and Glenn L. Martin. He then went with Pan American as Flight Engineer on the Boeing 314.

While he was with Pan American, he flew the North and South Atlantic a total of 56 times, visiting Bermuda, Portugal, the Azores, England, France, Africa, South America and the British West Indies. During this time he carried many well known personalities such as General Arnold, Wendell Wilkie, Tyrone Power, the Grand Duchess of Luxembourg and many others.

In 1940, while on a flight for Pan American, he sighted the French fleet at Dakar after its escape from the Germans. On one occasion he was forced down in the Atlantic off the coast of Portugal, later was rescued by a Portugese Hydrographic boat.

Mr. Boyer later joined Bell Aircraft as Wright Field Representative for the entire corporation in Dayton, Ohio. He was later named Executive Assistant to Management at Bell's Georgia Division.

Since the end of World War II he has been Division Manager for Wings Field, Inc., in Camden, New Jersey. During this time he sold many corporation type airplanes and operated an active charter service. Mr. Boyer, who holds a commercial pilot's license (SEL), is also a licensed aircraft and aircraft engine mechanic. He is married and has one daughter. Mr. Boyer's wife was formerly a stewardess with American Airlines on the New York to Chicago flight. Both he and his wife flew with the airlines at the same time. The Boyers are now living in Bainbridge.



Motorists were warned by the National Safety Council this month to be on the lookout for children on the streets as milder weather and lengthening days keep more and more children out of doors past school hours.

Traffic accidents in recent years annually have killed more youngsters 1 to 14 years old than any disease, according to the Council. The coming of Spring means that more of them will be out on bicycles, roller skates, wagons and scooters where they can get in the path of automobiles.

A Detroit survey showed that only 8 per cent of child traffic accidents occurred when children were going to or from school.

"Watch Out for Children" is the March slogan of "Operation Safety," the continuing traffic safety program sponsored nationally by the Council. The emphasis during this month will be on the responsibility of adults in protecting children from harm in traffic.

Scintilla

service anniversaries

FEBRUARY,



Joe Caffee 20 Years

* * *



K. V. Campbell 20 Years



A. E. Yarter 20 Years

15 Years Barker, Donald90-98 Merrill, John28-1041 Smart, Fred3-1405 10 Years Burger, Edwin8-223 DeMott, Kenneth11-432 Egnaczak, John39-508 Esposito, Gennaro40-531 Kokalas, Edward90-875 Laraway, Donald5-899 Roloson, William80-1989 Stevens, William91-1455 5 Years Brockland, Maude45-5053 Carlson, Herbert34-2190 Hendrickson, Kenneth12-726 Hollenbeck, Inez95-5234 Kilmer, Marshall25-2217 Knapp, Doris74-5747 More, Elizabeth81-5331 Neidig, Raymond99-1110 Nickerson, Mary30-5339 Rutenber, Albert47-2199

* * * * * * *

Smith, Anthony87-1407 Walling, Marian38-5670

APRIL 30 — 45 Years Ago (1904) the St. Louis Exposition, commemorative of the Louisiana Purchase of 100 years before opened. Ten Years Ago (1939) in Flushing Meadows, the New York World's Fair began. With flags of most nations floating over head, hopeful speeches prophesied an era of world prosperity. The Trylon and Perisphere, symbols of something the public didn't quite get, dominated the scene.

OUR IGNITION ON LUCKY LADY II

* * * * * *

Papers throughout the world recently headlined the non-stop global flight of the Lucky Lady II. The U. S. Air Force's B-50 bomber flew 23,452 miles around the globe in 94 hours of continuous flight.

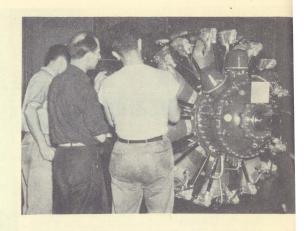
Behind the columns of newsprint lies a story behind the story . . . the story of Bendix - Scintilla's part in this history making flight, for Bendix - Scintilla magnetos, 28 in all, sparked the Lucky Lady II through every minute of flight. Thus the record-breaking achievement of the B-50 is added to a long line of famous flights on which Bendix-Scintilla Ignition Equipment has been used.



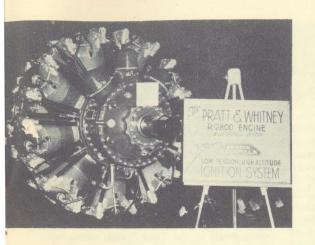
DID YOU TELL OFF THAT OLD BOSS OF YOURS TODAY DEAR?



These pics of the Pratt & Whitney R-2800 Engine, equipped with the Bendix-Scintilla Low Tension-High Altitude Ignition System, are self explanatory. Engine was on display in East Clock Area last month. Scintillites pictured are Albert Quellette, Emile Slovika, Ambrose O'Hara









Charley Davis, Personnel, looks quite happy about the whole thing in chef's outfit at birthday party for G. C. Cottrell, Comptroller. The chef's cap was made by Mrs. K. V. Campbell, and just in case you're wondering, Charley is serving up ovsters.



Mr. V. T. Krishnamurthi, an Indian National who is in this country as a trainee, attended the Scintilla Service School recently. His visit in the United States is coordinated through the CAA, and upon completion of his course he will return to India. From 1. to r. — Robert Boyer, Jr., William Campbell, Mr. Krishnamurthi and Frank Rettberg.







11:1400 per par ji 10 per 1911 ar

America is a modern day miracle of men and machines. In fact, whenever we view the overall picture of industrial America, we seldom think of one without thinking of the other. Scintilla is a part of this modern day miracle, for without machines and the operators (both men and women) to run them, it would be impossible to maintain a high level of production.

In this and subsequent issues of THE SCINTILLATOR, we'd like to have you get acquainted with just a few of the machines without which the "miracle" of modern day production would be an impossibility. If you stretch your imagination a bit, we think you will agree with us that most of our machines at Scintilla have definite personalities . . . but just in case you think a machine doesn't have personality, we'd like to have you meet Punchy, The Punch Press:

Punchy is a big, hulking sort of a bruiser who doesn't mind throwing his weight around. A loud mouthed character, he gives voice to his innermost feelings with a loud, resonant "thump, thump, thump" that provides depth to the bass section of Scintilla's daily "Symphony of Sound." Although Punchy thrives on a steady diet of metal, he has a big appetite and doesn't object to nibbling away on fingers . . . so don't try tempting this fellow.

However, in spite of all his boisterousness, Punchy is a high quality, high production piece of machinery. At Scintilla he is used extensively in blanking, forming, bending and flattening operations. Largest of the presses in use at Scintilla is one which exerts a force of 90 tons between the ram and the table of the press.

As anyone might well expect, rigid safety rules are set up in regard to operating Punchy and his fellow punch presses. State laws control the safety devices which must be used on different types of presses. For example, all automatic and semi-auto-

matic presses must have an enclosed guard or a cage guard at the point of operation. Safety devices used on longer stroke presses are the two hand, trip and pull-back cable controls.

Working by himself, Punchy would be a dud . . . for he requires high quality dies in order to perform his job. These dies, made in the Tool Room, often represent hours of tireless effort consumed in making a part comply with a blueprint. Even a big fellow like Punchy finds that it takes team work to get along.



APRIL 11 — 95 Years Ago (1854) Capt. Ulysses S. Grant, graduate of West Point and a hero of the Mexican War, resigned his commission. Building a cabin called "Hard Scrabble" he failed first as a farmer, and then as a real estate salesman. The Civil War found him employed as a tanner in Galena, Ill., at \$800 a year.

BARTER COLUMN



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

FOR SALE: Wringer Type Washing Machine, in excellent condition. Price \$35.
Contact Tom Gill, 67 Beal Blvd., Sidney.

FOR SALE: Oil-o-matic oil space heater. Also, kitchen range with oil burners and water tank. Very reasonable. Phone Gilbertsville 46-F-111.

FOR SALE: Electric Baby Chick Brooder in excellent condition. See Bernard Wyss, 96 Riverside, Sidney.

FOR SALE: 1946 Harley Davidson Motorcycle, low mileage, in excellent condition. Contact L. C. Johnson, Dept. 90, or Phone Franklin 119.

FOR SALE: Baby Carriage, brown wicker, genuine Siebert. 171 Johnston Circle, Phone 5264.

LOST: Gold Wrist Watch, leather strap, Wittenauer. Harry J. Bouvier, Dept. 30.

Cards of Thanks

I wish to thank The Management of Scintilla Magneto Division for the flowers I received while at The Hospital. Also, many thanks to the night shift in Dept. 38 and my friends in Dept. 31 for the lovely gift and kindnesses during my recent illness.

Dina Mazzarella.

I wish to thank The Management of Scintilla Magneto Division for the wonderful basket of fruit which was sent to me during my recent stay in The Hospital. Also, my friends for their many remembrances.

Armand A. Ineich.

I wish to extend my sincere thanks to everyone at Scintilla and especially Tool and Gauge Inspection for the sunshine basket, the many calls, the letters and cards sent to me during my illness.

Arthur E. Wells.

I wish to thank The Management of Scintilla Magneto Division and the Inspection Dept. for the lovely baskets of fruit which were sent to me while I was in The Hospital recently. I also want to thank my friends and neighbors who sent cards.

Verna Hall, Dept. 99.



BEWARE THE GUY WHO GLIBLY COOS ,, ON THIS HERE DEAL YOU JUST CAN'T LOSE



GIRLS WHO LIKE THEIR BON-BONS FUDGEY WONDER WHY THEY GET SO PUDGEY.

