

# The Scintillator

August, 1954





PUBLISHED MONTHLY BY  
SCINTILLA DIVISION

OF  
BENDIX AVIATION CORPORATION  
SIDNEY, NEW YORK  
G. E. STEINER, GENERAL MANAGER

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BENDIX AVIATION CORPORATION  
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**Vol. XIII August, 1954 No. 2**  
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THE way Father Time sees it, this is your life!  
By the time you are 70, you will have spent:  
20 years working  
20 years sleeping  
7 years in walking and outdoor sports  
7 years taking in movies and other amusements  
5 years shaving and dressing  
2½ years eating and sitting at the table  
2½ years smoking and chewing gum  
2 years playing cards and other games  
1 year on the telephone  
3 years waiting for someone else to arrive.

Don't take just our word for it, however. The above is the approximate way Father Time divides an average person's 70 years, according to a survey conducted by a University of Wisconsin psychology class.

Here's an interesting excerpt from a letter recently received by Carlton Dwight, training supervisor, from Lee Brookins, former Scintilla apprentice now in Japan with the U. S. Marines: "Every time I look at a photo or drawing of the latest jet design, I wonder if it is powered by Scintilla ignition. It rather makes me proud when I look at the monthly issue of the "Marine Corps Gazette" and see a full page advertisement for Scintilla ignition products."

Scintilla men will be stationed in Watkins Glen again this year for the annual Grand Prix Road Race. They will be on the job with Bendix Ignition Analyzers to provide entrants with an ignition analysis of their sport cars. The Grand Prix, scheduled for September 18, is one of the country's most spectacular sporting events.

Catching up on pre-vacation sporting events, we are pleased to report that an all-star Scintilla team beat Montrose Division's softball team 14 to 12. Jim Delaney had two homers for Scintilla, while Lee Miller had 1. The teams were scheduled to meet again early this month in Montrose territory.

The July issue of the INDUSTRIAL BULLETIN, published by the New York State Department of Labor, contains photos of several Scintilla men engaged in Civil Defense activities. The photos were originally taken for an article on Civil Defense in the May SCINTILLATOR.

## Behind the Cover

The water on this month's cover looks inviting enough to jump right in. That is, if you can find room between the youngsters having a splashing good time in Sidney's new community pool.

Dedicated by Mayor Thomas J. Mirabito on July 5, the new pool is the result of a concentrated campaign waged by Sidney residents to eliminate river swimming. The new swimming facilities, complete with a paddlers' pool for the small fry, are a far cry from the old swimming hole in the Unadilla.

We didn't make any attempt to identify the swimmers on our cover—there were too many of them bobbing in and out for that—but if you look close, you may find someone you know. And if covers could talk, we wouldn't be a bit surprised to hear this one holler: "Come On In—The Water's Fine."

# the BRIEFCASE

■ Not known to many is the fact that the Aircraft Industry is now the largest manufacturing employer in the United States. Revised figures, released by the Bureau of Labor Statistics, show that the aircraft and parts industry today employs approximately 823,000 Americans. This compares with 786,000 working in the automobile industry.

■ Wiring required in a late model transport would stretch over 27 miles. To complete installation in a single plane, 7,224 individual pieces of wire must be used, in addition to 144 electrical wire harnesses and 85 radio harnesses.

■ TIMETABLE FOR VETS - Veterans of World War II have only three more years to take advantage of housing provisions in the G.I. Bill.

■ The Air Force just recently announced that Lockheed's XF-104 fighter made its successful first flight in February. Few details concerning this classified project were released, other than the fact that the XF-104 is powered by a Wright J65 which uses Scintilla ignition.

■ Delivery of 23 Douglas DC-7's has been made to American Airlines and its full order of 25 will be completed this month. Our ignition equipment on the DC-7 includes Type DLN-9 Magneto, Distributor Assemblies, Ignition Harness, Ignition Coil Leads, High Tension Coils, Spark Plug Leads, E.W.L. Ignition Switch, Radio Interference Filters, Electrical Connectors, and the Ignition Analyzer. A total of 38 DC-7 deliveries have been made, including seven to United Air Lines, four to Delta-C & S Air Lines and four to National Airlines. 3





**Good Time Had by All--**

## Blue Badge Bake

FROM the first steaming cup of coffee in the morning to the last slab of chilled watermelon at night, there were no dull moments at the first annual Blue Badge Bake. Held on Sunday, August 1, at the Canasawacta Park Pavilion north of Norwich, 280 Blue Badgers and their guests romped through several hundred pounds of such choice items as steamed clams, sweet corn, steamed shrimp, scallops, fish sticks, french fries, chicken legs, steak sandwiches, sausage, etc.

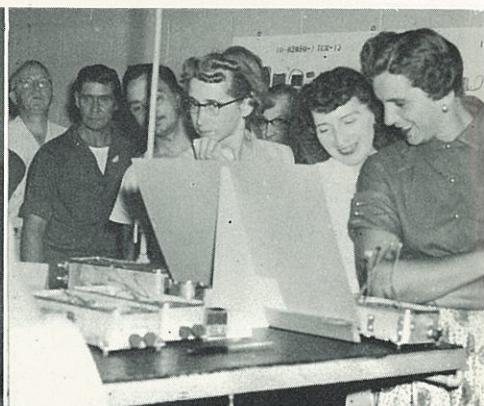
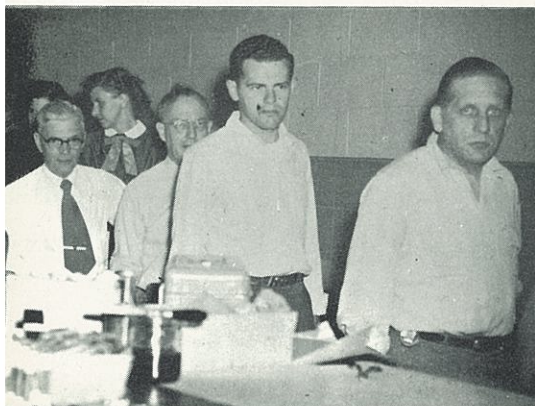
The Blue Badgers managed to keep appetites keen by engaging in such activities as softball, volley ball and horseshoes. Adding greatly to festivities were the Prairie Pals, who provided the musical background for round and square dancing as well as a few polkas thrown in for good measure. The bake committee included Denny Crandall, general chairman; Ron Jacobs, Henri Carrere, Emil Hunecke, Sandy Johnson, Paul Carney, Helen Sweeney, and Audrey Law.













**ROVING CAMERA** records employee tours through the new Electronics Building during week of August 2nd. Pictures are of office and second shift Scintillites.

## Employees Tour New Electronics Building

Employee tours through the new Electronics Building during the week of August 1st gave all Scintilla personnel an opportunity to view the very latest in equipment and methods for the precision manufacturing of coils, condensers, filters, spark gaps and jet ignition units. Products manufactured in the new building are used in the aircraft, automotive, agriculture, marine and petroleum fields.

Completed early this spring as a major expansion of plant facilities, the new addition increased total floor area by 33,000 square feet. The employee tours, originally planned for May, were postponed until this month to await final installation of all operating equipment.

In order to safeguard vital phases of production, seventy per cent of the building is air conditioned. Winding operations for coils and condensers, along with the assembly of jet ignition units, are concentrated in the air conditioned section, while impregnating equipment is located in a separate room.







## WHAT'S the Big Idea?

IT takes brain power to substitute horsepower for manpower, and it is no secret that we've made this a specialty in America. For generations we have been asking ourselves, "What's the big idea?" The result has been a better America with better things for all of us.

We are essentially a nation of thinkers and tinkerers. We like to take things apart and see what makes them tick. The gadgeteer and the inventor work side by side, often following similar paths. Who, in this day and age, dares to make a distinction? Not many, for "plain puttering" very often leads to something concrete.

Most men, when they start out, have something definite in the back of their minds all the while. It just takes a certain amount of puttering around to bring it to the surface.

Plain puttering, as we like to call it, is an American product. It is definitely a luxury product, for people in most other countries do not know leisure time as we know it.

In the American scheme of things—where everybody is taught to think for himself—anyone can get ideas. Sometimes ideas literally pop into being, but generally they come from constructive thinking.

You might think that good ideas would become exhausted after awhile, but this isn't so. Thousands of new ideas are coming into being every day in all phases of American industry. Without ideas, the wheels of progress would soon slow to a stop.

Many of industry's better ideas come from the people in shops and offices all over the land. They may not be inventors or factory wizards, but they often know their own particular jobs better than anyone else. They are in a position to observe at first hand how an operation can be improved. In plant after plant more people than ever before are finding suggestion systems a valuable market for ideas.

Scintilla's Suggestion System is the market place for ideas from this Division's men and women. Being a market place, some ideas are naturally worth more than others and can command a better price. It depends upon an evaluation of the savings which result from an accepted suggestion. It is possible, however, for any Scintillite to come up with an idea that will be worth \$1,500 to him.

When we ask "what's the big idea", the answer is that \$1,500 suggestion still locked in the back of someone's mind at Scintilla. For all we know, there may be several \$1,500 suggestions waiting to be discovered—so get in the habit of asking yourself what the BIG IDEA is. You may not score every time with a big award, but the more suggestions you submit the better your chances are.

Scintilla needs hundreds of new ideas, and the Suggestion System is the place to market them. Ideas do not need to be elaborately phrased either. An employee in one plant put together a single sentence of 25 words that won him a \$450 suggestion award. Awards of this size can be collected by Scintilla people, too.

Remember—the first step in winning a suggestion award is easy. Simply take a good look at your job and ask yourself, "What's the Big Idea?"



# SAFE at HOME

**A** QUICK throw to the catcher, but it's too late—he's **SAFE AT HOME!** In baseball talk this makes good sense . . . especially if the call is in favor of the home team. It makes good sense otherwise, too, when you speak of it in terms of safety at home.

But how **SAFE** is the average home?

The record isn't any too good, according to the National Safety Council, for a total of 32,000 persons are accidentally killed at home every year. More than 130,000 others are permanently injured,

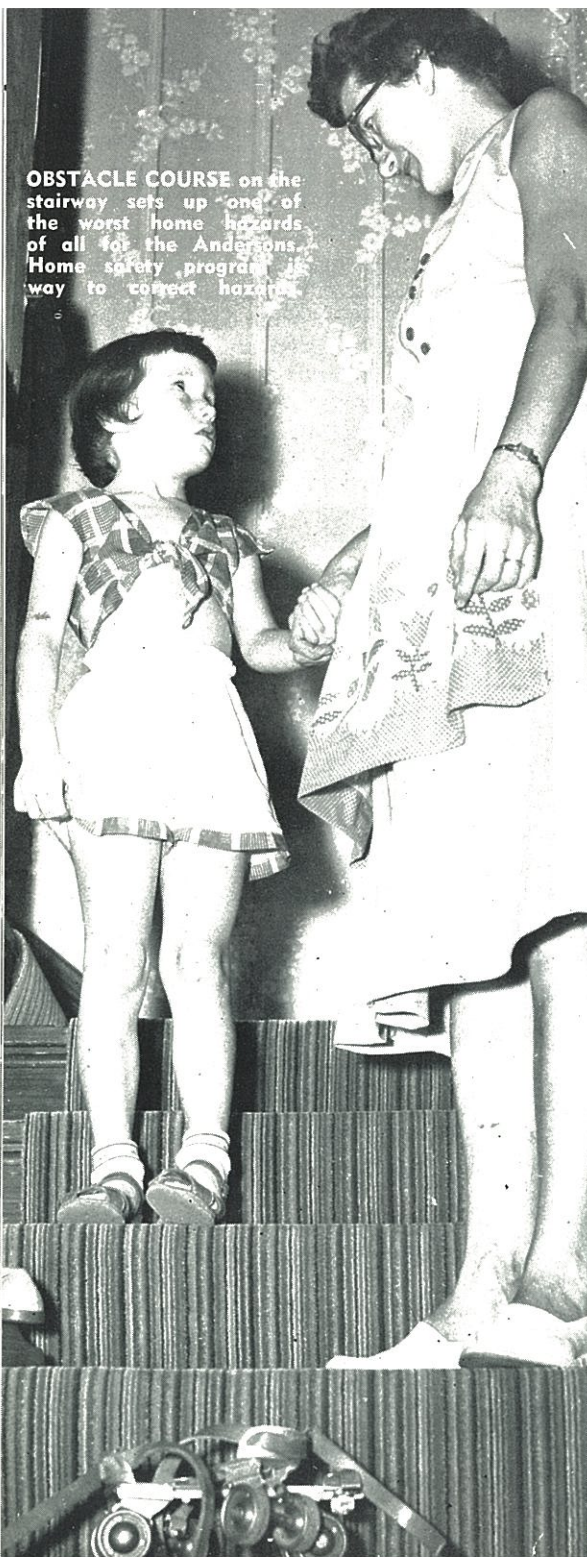
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IT'S CLOSE, but Karl Anderson, Tool Room, fails to make the tag and his son, Stevie, is safe at home plate.



**OBSTACLE COURSE** on the stairway sets up "one" of the worst home hazards of all for the Andersons. Home safety program is way to correct hazards.

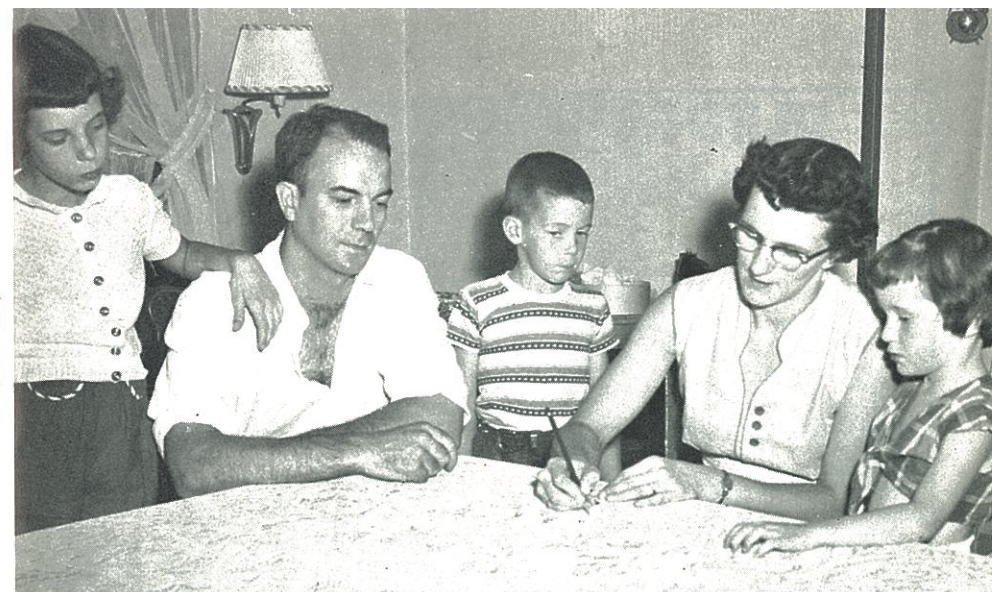


**UNAUTHORIZED** use of equipment applies in home, as well as in shop. Anderson safety rules forbid children to play with home appliances.

## SAFE at HOME

while 4,750,000 are maimed, disfigured or disabled. Falls account for 16,000 of the accidental home deaths each year, while 5,600 are killed by burns, explosions and fires. In a further breakdown of the total, the National Safety Council reports that 2,000 suffocate; 1,500 are poisoned; 1,200 die of firearms accidents; 1,000 are asphyxiated; and 4,700 are killed in other ways. Not very good, is it?

**REMEMBERING** points brought out by Family Council in discussion of home hazards, Sylvia calls her Dad's attention to badly frayed cord on reading lamp.



**FAMILY COUNCIL** is a good way to draw up a simple set of safety rules for the home. From l. to r.—Sylvia, 8; Karl, Stevie, 6; Mrs. Anderson, and Karen, 4. Organized plan will make Anderson home at 79 River St., Sidney, a safer place.

Actually, most people are safer at their place of work than they are in their own homes. This might sound strange to a lion trainer in the circus, but it's true in most cases.

Well organized safety programs at Scintilla and in other companies have done a remarkable job in making people in industry **SAFE AT WORK**. Protective equipment, sensible rules, prompt attention to maintenance details, good housekeeping,

**SYLVIA**, learning ways of young home-maker, demonstrates wrong way to be at home on the range. Never reach over boiling pan; turn handles in.



education, and cooperation are among the many factors that go into the making of a successful safety program.

Perhaps a similar program of organized safety would work well to make people **SAFE AT HOME**. We have an idea that it would, for most home accidents are the kind that can be prevented. If more homes had their own safety councils—made up of family members—to draft a simple set of safety rules and spot hazards,

Continued on page 12

**PAINFUL BURN** could result from this, so Sylvia stops Stevie from reaching fingers into hot toaster. She is on the job as junior safety engineer.





## **PLEDGE YOUR HELP**



## **PREVENT FOREST FIRES!**

### **SAFE at HOME** from page 11

there would be far less accidents than there are today.

Worthwhile? We believe so! A peek at some simple statistics cites the overwhelming need for an organized home safety program—

One out of 3 accidental deaths due to poisonings is a child less than 5 years old.

One out of 3 deaths due to burns, explosions, and fires is a child less than 5 years old.

One-third of all deaths to children under 5 years are due to burns, explosions and fires.

One-fourth of all deaths to children under 5 are due to mechanical suffocation.

No question about it—Dad, with his background of safety in the shop, is the logical one to take the lead in setting up a Home Safety Council. Just be sure that he gives the younger members of the family an active part in the operation of the safety program.

This can be done very easily by appointing the children to such positions as junior safety engineer, or junior safety inspector. Make it their responsibility to check on all home hazards and unsafe acts. You'll have to play it smart, however, to hold interest—so make a game out of it, with weekly awards for the most complete lists of hazards, etc.

A system of this sort not only puts safety in the home on an organized basis, but also is a good means of teaching youngsters safe habits they will always remember. All it takes is a little foresight and planning to make everybody **SAFE AT HOME**.



**VACATION SCENE** north of Huntsville, Ontario, Canada was taken by Harry Earl of Photography. Shown at Fairy Lake cabin are Mrs. Earl and Mr. and Mrs. Al Huyck.

## Scintilla In National Safety Council Contest

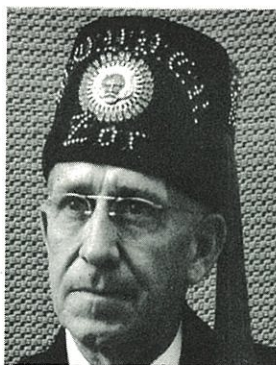
Scintilla participation in a nation-wide safety contest sponsored by the National Safety Council was announced this month. The contest, which opened on July 1, runs continuously for a year, closing on June 30, 1955.

The winner in each group will be the unit with the lowest frequency rate (number of reportable injuries per million man hours worked). Scintilla is entered in Division 9 of the Metals Section.

This consists of light machinery plants manufacturing office, store machines, radios, light communications equipment, light electrical apparatus, small instrument, small engine parts and other accessories for the automobile and aircraft industries.

Awards to the winning plants will consist of a trophy for first place and certificates for second and third. A certificate will also be awarded to any plant showing a 15% reduction in rate as compared with its average rate for the previous three years.

A modern jet fighter-bomber uses about 1,345 pounds of stainless steel



## Death of "Doc" Barratt a Shock To Many Friends

The unexpected death of Roland L. Barratt on Tuesday evening, July 20, came as a severe shock to his many Scintilla friends. He was 60 years old.

"Doc", as he was popularly known, came to Scintilla as a tool maker

27 years ago and held a wide range of responsible positions through the years. He was Foreman of Tool Inspection in recent years.

Prominent in Masonic circles, "Doc" was president of the Empire State Grotto Association at the time of his death. A 32° Mason, he was a member of St. Paul's Lodge in Newport, R.I., Otse-ningo Consistory and Kallurah Temple of Binghamton.

He was the first Monarch of Zor Grotto which he helped organize in Sidney. Masonic services were held in the Sidney Methodist Church of which he was a member.

Funeral services were held in Fall River, Mass., on Saturday, July 24, and interment was in Oak Grove Cemetery.

## SUGGESTION AWARD WINNERS

ANTHONY WOODS



A. J. Bagnall	Dept. 17	\$10.00
Mildred Barrett	Dept. 48	10.00
Harvey Bowen	Dept. 13	10.00
Ralph Bresee	Dept. 26	10.00
Donald Butler	Dept. 44	27.66
Herbert Carlson	Dept. 34	10.00
Willie Clapper	Dept. 26	5.00
James J. Houghtaling	Dept. 92	5.00
Raymond R. Meehan	Dept. 42	5.00
Katherine M. Patrick	Dept. 48	30.00
Patricia C. Roth	Dept. 99	10.00
Frank T. Stidd	Dept. 81	5.00
Irving C. Tryon	Dept. 37	5.00
Douglas W. Tuttle	Dept. 26	10.00
Allen Wells	Dept. 30	12.50
Anthony F. Woods	Dept. 99	50.00





**THOMAS Z. FAGAN** presents Admiral Byrd with a gold coin watch at the noted explorer's home in Boston. The award commemorated North and South Pole flights.

## **MR. FAGAN PRESENTS AWARD TO ADMIRAL BYRD**

A Scintilla man was recently chosen to represent the International Aviation Trade Show in the presentation of an award to Rear Admiral Richard E. Byrd.

The award, in the form of a gold coin watch, was presented to Admiral Byrd on July 8 by Thomas Z. Fagan, Scintilla's director of sales and service.

Mr. Fagan was accompanied to the noted explorer's Charles River home in Boston by Eu-

gene P. Connolly and Joseph H. Leopold of Aircraft Trade Shows, Inc., and Ansel E. Talbert, aviation editor of the NEW YORK HERALD TRIBUNE.

Honoring Admiral Byrd "for expanding the horizons of aviation", the award commemorated the Admiral's flights, twenty-eight and twenty-five years ago respectively, over the North and South Poles.

Mr. Fagan, who personally checked the Scin-

tilla magnetos on Admiral Byrd's Wright engines prior to his trans-Atlantic flight to France in 1927, is a member of the Advisory Board to the International Aviation Trade Show. Other board members include:

E. M. Benham, public relations director, Sikorsky Aircraft; Richard S. Boutelle, president, Fairchild Engine & Airplane Corp.; Richard E. Byrd, USNR; Luis DeFlorez, aviation pioneer and elec-

tronics engineer; Robert M. Durham, Durham Aircraft Service; Herbert O. Fisher, chief of aviation development, Port of New York Authority; Ronald S. Gall, public relations director, Curtiss-Wright Corp.

Charles F. Horne, director, Convair-Pomona; Roy T. Hurley, president, Curtiss-Wright Corp.; J. S. Kirkpatrick, president, The Magnesium Association; Fred B. Lee, Civil Aeronautics Administrator; Robert W. Prescott, president, The Flying Tiger Line, Inc.; Victor Raeburn, public relations director, Air France; Carl L. Stanke, Esso Export; Ansel E. Talbert, aviation editor, N. Y. Herald Tribune; Donald Webster, Aero Insurance Agency; and Norman A. Wollberg, Dallas Airmotive.

## Three Day Ignition Conf. Starts Aug. 31

A three-day Ignition Conference to be conducted by Scintilla will open in Sidney on Tuesday, August 31.

Early reservations indicate that the conference will be well attended by representatives of domestic and foreign airlines, military air services, CAA, engine and spark plug manufacturers.

The agenda for the three-day conference includes the discussion of ignition systems for the Pratt & Whitney R-2800 and R-4360 and the Wright R-3350 engines, it was reported. Technical sessions will be held in the auditorium of the Pearl Street Elementary

School.

In place of a formal banquet, Scintilla will be host at a clambake on Wednesday evening, Sept. 1. This will be a novelty for a number of the participants, particularly those representing foreign airlines. The bake will take place at the Canasawacta Park Pavilion north of Norwich.

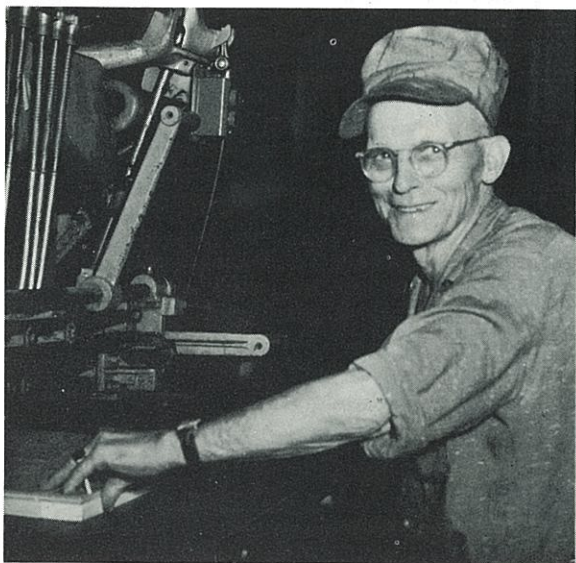
The general conference committee consists of William S. Campbell, assistant service manager; Frank Rettberg, advertising manager; and H. C. Welch, chief field engineer.

A new gyroscope for planes can detect motion 3,000 times slower than the movement of the hour hand on a watch.

## Quarter-Century Man Retires At Scintilla

Thomas Hatt, veteran member of the Maintenance Dept., retired on Friday, July 16.

A quarter-century man at Scintilla, Tom received his 25-Year Award emblem in January of this year. Tom is the senior member of a Scintilla father and son team that was on the job here for a total of more than half a century. His son, Foreman Ray Hatt of Dept. 26, is also a 25-Year Man.







**GENERAL MANAGER** George E. Steiner is shown at left as he accepts second CD Plant Protection Award from Lt. Gen. C. R. Huebner, state director of CD. Col. T. H. Murphy is in background.

## ***Scintilla Receives State CD Award for Second Year***

Francis Parent, director of Civil Defense, Town of Sidney, recently announced that Scintilla has become the first plant in the State to receive the Civil Defense Plant Protection Award for the second year.

Official presentation of the award was made on August 10. Certificates

bearing the signature of Lt. Gen. C. R. Huebner, director of the New York State Civil Defense Commission, were posted on all bulletin boards.

The CD Plant Protection Award is the modern counterpart of the Army-Navy "E" awarded for efficiency in defense production during

World War II. The CD banner signifies that the plant flying it has taken full scale precautions to protect its workers and property in the event of an enemy attack.

A star was added to the upper right corner of Scintilla's CD flag this month to symbolize the second year award.

## **Four Openings For Apprentices**

### **At Scintilla**

Preliminary processing of applications for openings in Scintilla's apprenticeship training program has been started, according to Training Supervisor Carlton Dwight.

At the present time there are openings for four apprentices, and all applicants were scheduled to take part in a qualifying testing program this month. The openings are for Apprentice Tool Maker, Apprentice Model and Test Equipment Maker, and Apprentice Machinist.

Selection of the four new apprentices will be based upon test data, as well as personal qualifications, school record and work experience of the applicants.

A new international language called Interlingua embodies parts of English, French, Italian, Spanish, Portuguese and a little German. It was devised especially for scientists.

## PROMOTIONS



### JAMES GRAHAM...

Promoted to Senior Field Engineer, effective as of July 1. He became associated with Scintilla in 1949 when he joined the Engineering Dept. as a junior designer. A 1949 graduate of Bucknell University, he has a B.S. degree in Mechanical Engineering. Prior to his present promotion he was a senior research engineer. During World War II he served in the Army Air Force.



### ROBT. CONLEY...

Promoted to Field Engineer, effective as of July 1. He came to Scintilla in April 1953 after attending Tri State College and West Virginia University. He received his B.S. degree in Electrical Engineering in March 1953. He has had six years' service with the U. S. Navy. Before receiving his present promotion he was a senior test engineer.



### R. J. DAVIS...

Promoted to Senior Field Engineer, effective as of July 1. First came to Scintilla in February 1940, leaving in August 1943 to enter the armed forces. He returned to Scintilla in December 1945. In 1952 he was transferred to the Montrose Division, rejoining Scintilla a year ago. For the past year he has been assigned to Field Engineering.

**THESE SCENES** were taken at farewell party recently staged for Glenn Fical of Department 42. Glenn retired after nearly 30 years of service.





# BARTER COLUMN

A service for employees of Scintilla Magneto 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:** 1938 Chevrolet 2-Door Sedan; four good tires, good brakes and new battery. Motor overhaul less than a year ago; will sell for \$45.00 cash. Al Hambleton, R.D. 2, Harpursville, N.Y. Phone Harpursville 5-2842.

**FOR SALE:** 1949 Plymouth Convertible. In excellent condition, new top, white sidewall tires, fully equipped; reasonably priced. Phone Afton 7-1021 after 6:00 p.m.

**FOR SALE:** 1946 Dodge three-quarter ton truck, in good running order; also, wire for electric fence and fence posts. Contact Charles Northrup, Unadilla, N. Y.

**FOR SALE:** Kay-Maestro base accordion, 3/4 size, in excellent condition; \$195. James Potter, Sidney Center R.D. 1, Phone Franklin 20F-15.

**FOR RENT:** Trailer space on Riverside Drive; spring water, electric service available. Robert L. Reynolds, 86 Riverside, Phone Sidney 4033.

**WANTED:** 1/3 h.p. electric motor, or small gasoline motor. James Rickard, Phone Bainbridge 2680.

**FOR SALE:** Living Room Suite and dining room suite; also, David Bradley garden tractor with cultivator, roller and snow plow attachments. Maude Bart, Phone Otego 4336.

**WANTED:** One or two riders from and to Oneonta or Colliersville (office shift); to alternate use of car or share gas expenses. Phone Oneonta 331W4.

**FOR SALE:** Landscaped building lot on Camp Street. Phone Sidney 7511.

**FOR SALE:** Marlin .30-30, lever action

carbine, peep sight; \$65.00. Dick Courtney, 55 Mead St., Walton.

**FOR SALE:** Apartment size Westinghouse electric range, medium size Kelvinator refrigerator, L. C. Smith 12 ga. double barrel shotgun; and quart fruit jars. Robert G. Frink, 9 DeWitt Dr., Phone Sidney 2651.

**FOR SALE:** 9 cu. ft. Frigidaire refrigerator, with large freezer compartment; Kenmore 4-burner gas range, with oven, broiler, and storage drawer; and Kenmore 2-burner companion oil heater. Ann DeMoriar, Bainbridge.



## CARDS OF THANKS

Many sincere thanks to my many friends who remembered me by cards, personal visits, and by gifts during my recent illness.—Henri V. Carrere.

I wish to express my sincere thanks to Dept. 42 and all of my friends at Scintilla who sent me cards and gifts during my stay in Sidney Hospital.—Ida Briggs.

I wish to thank The Scintilla Management for the beautiful bouquet and kind expressions of concern during my recent stay in the hospital.—Art Fairchild.

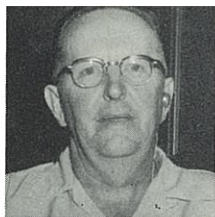
I wish to express my sincere appreciation to The Management of Scintilla, Local 1529, Small Parts, 48 Inspection and all co-workers for the beautiful flowers and their kind sympathy in my bereavement.—Isabel McManus.

I wish to express my deepest thanks and appreciation to The Management of Scintilla for the lovely basket of fruit I received while in the hospital, and also to my co-workers who helped cheer me with their visits and cards.—(Polly) Loretta E. Soules.

I wish to thank The Management for the lovely sunshine basket sent to me during my stay in the hospital.—Clarence Baker.

Many thanks to all my friends in Scintilla for the gift. Your thoughtfulness exceeds all expectations and your generosity is clearly unbounded. You are truly a wonderful group of people.—Jennie Maynard.

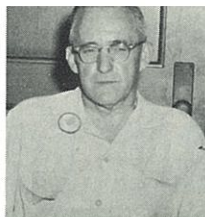
I want to thank The Scintilla Management for the lovely flowers I received while in the hospital.—Harry Osborne.



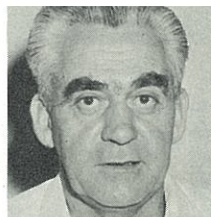
Mr. Brush



Mr. Parent



Mr. Flint



Mr. Bussey

## Celebrating 25 Years of Service

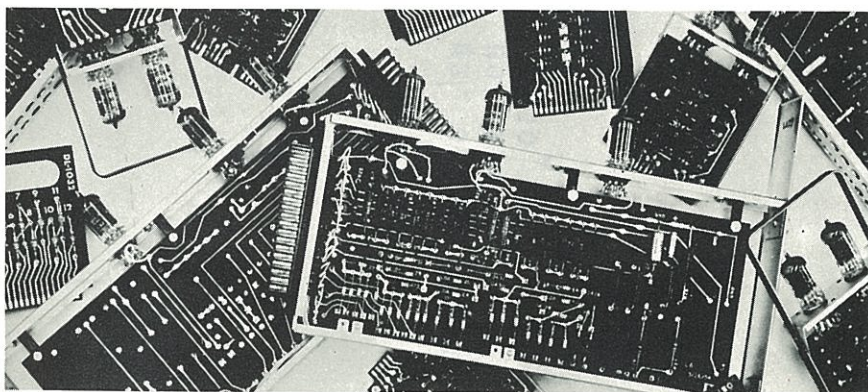
Name	Dept. No.	Anniversary Date
John M. Bussey .....	42.....	July 28

## Celebrating 20 Years of Service

Roscoe Brush .....	11.....	July 5
William Flint .....	39.....	July 15
Louis Parent .....	3.....	July 17

## Celebrating 10 Years of Service

Clara Amerose .....	99.....	August 21
Corsid Baker .....	99.....	August 14
Leona Ellis .....	43.....	August 22
Charlotte Garrison .....	99.....	July 21
Rozilla Hillis .....	99.....	July 27
Irva Kinch .....	38.....	August 24
Ellis Mellott .....	32.....	August 4
Ruth Michaletz .....	6.....	August 4
Mary Pearsall .....	99.....	August 19
Robert Sharp .....	87.....	August 28
Raymond Shields .....	100.....	August 12
Catherine Simmons .....	90.....	August 27
Grace Westcott .....	47.....	August 30

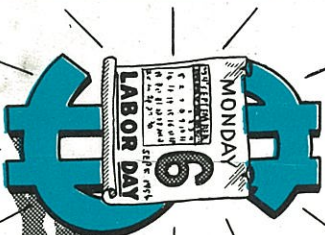
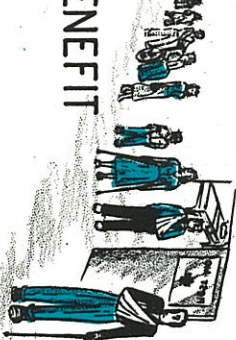


**ETCHING FOR INDUSTRY**—Mass production of intricate "etched" circuits for the electronics industry has been achieved through the introduction of efficient new assembly methods at the Bendix Computer Division of Bendix Aviation Corp., Los Angeles. An etched circuit is an electrical wiring scheme in which a thin line of copper is literally etched onto a flat piece of plastic material.



# DID YOU KNOW ???

**SCINTILLA'S**  
**MEDICAL DEPT.** PRO-  
 CESSES AN AVERAGE OF **500**  
**GROUP INSURANCE BENEFIT**  
**CLAIMS EACH MONTH**



**HOLIDAY PAY FOR**  
**SCINTILLITES THIS LABOR**  
**DAY WILL COME TO AN**  
**ESTIMATED TOTAL OF**

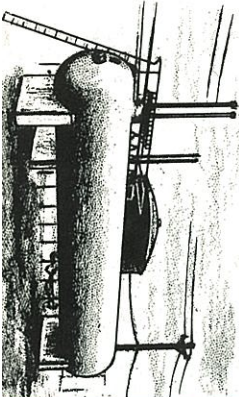
**\$55,000**

**SCINTILLA CONSUMES**

**750 TO 1,000 GAL.**

**OF propane gas**

**PER DAY**



**SCINTILLA DIVISION**  
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