

The Scintillator

October, 1952



SCINTILLA MAGNETO DIVISION
OF
BENDIX AVIATION CORPORATION
SIDNEY, NEW YORK
G. E. STEINER, General Manager

OFFICERS OF
BENDIX AVIATION CORPORATION
M. P. FERGUSON President
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COLUMN TYPE

"Scintilla Keeps 'Em Sparking" is the title of a feature article appearing in the current issue of STEEL HORIZONS magazine. The lead paragraph starts off with these well chosen words: "They sure make the sparks fly at this busy precision products plant located in the foothills of the Catskill Mountains of New York. And the word 'electrickery' aptly describes the wonders that Scintilla Magneto Division's electrical wizards perform." STEEL HORIZONS has one of the most colorful and dynamic formats in the magazine field; each issue is eagerly awaited by thousands of readers all over the country. Several Scintillites are pictured in the color and black and white photos which illustrate the story.

If you know any one who needs to be convinced of the importance of getting out the vote next month, the following table should be a clincher. It shows a steady decline in voting percentages in the four county area where most Scintillites live—

Percentage of Potential Votes Cast			
County	1940	1944	1948
Broome	72.5	68.5	61.8
Chenango	80.6	71.5	66.3
Delaware	82.7	73.6	69.1
Otsego	80.1	72.6	69.2

When Ferris Edwards advertised a Jeep in the August issue of THE SCINTILLATOR, he received an inquiry from a Pratt & Whitney man in Connecticut. During a telephone conversation with Henri Carrere of our Sales Department, Gordon Leone — a buyer for Pratt & Whitney — asked Henri to check into the matter. Ferris, however, had already sold the Jeep.

Major, the distinguished looking English Setter on last month's cover, previously made his debut in THE SCINTILLATOR five years ago. He was one of a litter of six pups raised by Harry Earl, Scintillator photographer, who later sold him to Larry Getter. The photo below—originally published in the April '47 issue of THE SCINTILLATOR—pictures Major second from the right.



BEHIND THE COVER

In a democracy every man does his own thinking. And he's free to say what he thinks — or keep it to himself. The choice is his alone!

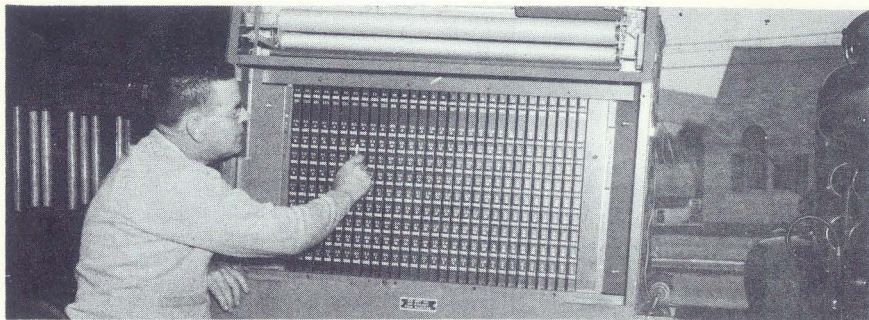
Scintilla men and women, as a whole, have been doing a lot of thinking during the past several weeks and they'll do plenty more between now and Election Day. Just as sure as they're marching enmasse across this month's SCINTILLATOR cover, you'll see them marching again in full force to the polls on November 4th.

But they'll be doing their thinking and voting as free INDIVIDUALS. They will be taking part in a free election quite unlike those served by the party leaders to the mass of master-minded subjects in totalitarian regimes.

Like Department 48's Clayt Male, the serious-minded INDIVIDUAL who is the focal point of our cover, they will have made up their own minds after carefully studying all of the issues. That's the way we do things in America, and every INDIVIDUAL vote counts.

In this country you can listen, read, think, look, talk and argue as much as you like. Or, if you prefer, you can keep what you think to yourself.

But be sure to VOTE, because that's the way intelligent thinking is translated into action.



Jim Zurn is pictured clearing a voting machine of count. The Department 29 man is one of the custodians of Sidney's voting machines.

Keepers of the Vote

THE hours which immediately precede this Election Day will be busy ones for our Jim Zurn, Dept. 29, and Henry Pardee, local merchant. They are the official custodians of Sidney's eight voting machines, and it is their responsibility to see that everything is in working order by the time the people begin going to the polls. Working together, the job of setting up and checking the machines will take them about a day and a half.

One of the first things Jim and Henry do is to see that a machine is cleared of all previous count. They then post the new candidates on the front in the proper spaces, and later check to determine if the machine is working properly after being cleared. Everything is then turned back to zero.

Once a machine is set, the custodians seal it and turn one set of keys over to the town clerk who, in turn, conveys them to the chairman of the election board in that district. On Election Day morning Jim and Henry check each machine once again. They will be subject to call all day in case anything goes wrong.

At the close of Election Day the chairman of the election board seals the machine. It will remain sealed until the following Friday when the

two custodians open all of the machines for the commissioners of election. At this time the count on the machines is checked with the election report of the chairman of the Election District.

In addition to their regular Election
Continued on Page 9



Henry Pardee, local merchant, is also a custodian in Sidney. Henry and Jim work together and share responsibility of the voting machines.



Scintilla's Ignition Analyzer booth at Watkins Glen is pictured above with Glen Brooks, Paul Holmes and Charles Stow preparing to make an ignition analysis of a car entered in the Grand Prix. Identity of the driver at the left is unknown. (Photo by Symes Studio).

Our Ignition Analyzer on the Job At 5th Grand Prix of Watkins Glen

THREE Scintilla men were on the job with Bendix Ignition Analyzers at Watkins Glen last month when more than 100,000 spectators jammed this tiny Finger Lakes community to witness the fifth running of one of the country's most spectacular sporting events. The three man team included Charles M. Stow, Paul C. Holmes and Glen H. Brooks, who were kept busy for the better part of a week making ignition analyses of the classy sport cars entered in the Fifth Annual International Grand Prix Road Race. They devoted their full time to helping drivers trouble-shoot difficulties on the road.

One of the most interesting things the Scintilla representatives were able to do was pick up spark plugs in the wrong heat range. Without the Ignition Analyzer, however, it is impossible to determine whether the failure of an engine to reach top speed is due to carburetion, valve action, or ignition. With the definite knowledge provided by the Analyzer as to the action of the spark plugs at very high speeds under load, it becomes possible to suggest plug types more suitable for

operation under these conditions.

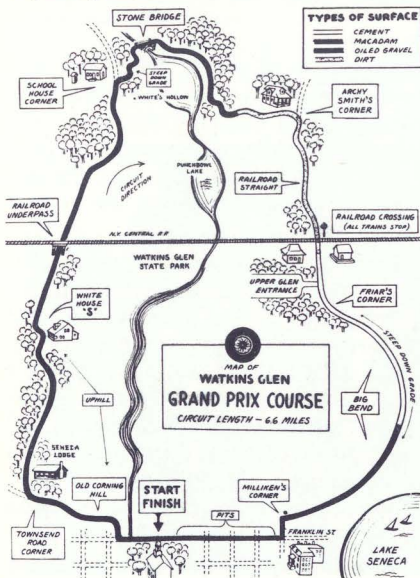
Use of the Bendix Ignition Analyzer in connection with the Grand Prix had a two-fold purpose. A letter to members of the Sports Car Club of America, Inc., explained that Scintilla wished to assist the members in conditioning their entries and at the same time gain additional experience in the use of the analyzer on automotive engines using both battery and magneto ignition.

By the time the vanguard of a vast throng of spectators — reminiscent of the thousands of fishermen who, shoulder to shoulder, line the world-famed Rainbow Trout waters of the area every spring—had begun to assemble along the 6.6 mile Grand Prix circuit, analyses had been completed on thirty-three cars. Although the three Scintilla representatives were over the course many times, they did not see the circuit until after the race was over. This was due to the fact that it was necessary for them to observe patterns on the analyzer screen through a fitted hood.

Mr. Holmes received an added thrill when a car he was testing failed to make a turn and careened into a field. No damage resulted, however, and Paul continued with the analysis.

In an actual race the winning sport cars averaged more than 70 m.p.h. over the tortuous Grand Prix course which includes three right angle village street corners plus a number of sharp curves, steep hills and rough

This map will give readers an idea of the tortuous Grand Prix course over which sport cars travel at more than 70 m.p.h. speeds.



DEADLINE

Copy and photos to appear in the November issue of The Scintillator must be submitted for publication prior to—

OCTOBER 31

Written material, signed by the contributor, should be addressed to The Scintillator Office. Story tips are always welcomed by The Editor, who can be reached by dialing Ext. 505.

pavement. In connection with sport cars, however, top speeds in excess of 120 m.p.h. are not infrequent. The Grand Prix itself, consisting of 15 laps for a total of 99 miles, is preceded each year by two other races: The Queen Catherine Montour Cup Race and the Seneca Cup Race.

For Scintilla, the ignition analysis of cars participating in the Grand Prix was another *first*. The September 20th sport car event represents the first time that such an analysis has been provided for cars in any automobile race. According to members of the Analyzer Products Sales Section, the warm reception given the service provided by our Scintilla representatives was very gratifying.

The Ignition Analyzer developed by Scintilla engineers has been used for the past two years in ever increasing quantities by the U. S. Air Force, Army, Navy and commercial airlines throughout the world. The unit represents an application of the cathode ray tube which has evolutionized the maintenance of the internal combustion engine. It will instantly detect and locate ignition malfunctions in the battery or magneto ignition system (including spark plugs) and can also discover inherent weaknesses in the system which will give trouble in the future. The analyzer has an equally advantageous use in automotive vehicles and many applications have been made on tanks, jeeps, PT boats, and automobiles having both battery and magneto ignition.



Above—A group of field archers try their skill over the Koo Koos Archery Course at Deposit, N. Y. The Koo Koos Course is considered one of the toughest in the country and is rated second best from the standpoint of being well laid out. This and other photos on these pages furnished for publication through the courtesy of the N. Y. S. Field Archery Association.

America's Fastest Growing Sport

FIELD ARCHERY

FOR the first time since the Indians hunted deer with bows and arrows in the neighboring hills of Chenango, Delaware and Otsego, bowmen once again are taking to the field in sizeable numbers. Their ranks include many Scintilla men who will embark upon a woodland quest for venison next month, taking advantage of a special season which permits archers to hunt deer two weeks prior to the opening date set for rifle and shotgun devotees.

Field archery has been making tremendous gains in popularity for the past several years. It is the fastest growing sport in the country today, with an increasing number of women, as well as men, giving impetus to the

organization of local clubs and regional associations. Growth of the sport among Scintillites in the past year alone has kindled the possibility of a field archer's club in this area. Several Scintilla men have given the matter serious consideration.

Field archery involves many different factors and is quite unlike the target variety where the bowman aims his arrows at the familiar bullseyes. Field archers seek to develop their skill under varied conditions such as might be encountered on an actual hunt. Many of them do not use sights or markings of any kind on their bow, relying instead on instinctive sighting ability to bring down their game.

A typical day in the field finds the

bowman shooting his winged arrows uphill, downhill, across gullies, between trees, through brush, and over obstacles of every description. Misses are more frequent than hits, but the sport of the hunt is increased many times inasmuch as the field archer must be a skilled stalker in order to get within striking range.

When it comes to packing a wallop, the penetrating power of a hunting arrow amazes most novices. Ed Opal, one of our Scintilla archers, cites an actual case where a bow and a rifle were tested at equal distances on a five gallon can filled with sand. An arrow projected from the bow neatly pierced through both sides of the can and broke a milk bottle on the further side, whereas the cartridge from the rifle merely pierced one side and imbedded itself in the sand.

The cost of a field archer's outfit varies, depending on the amount he wants to put into it. It is wise, however for a beginning archer to seek

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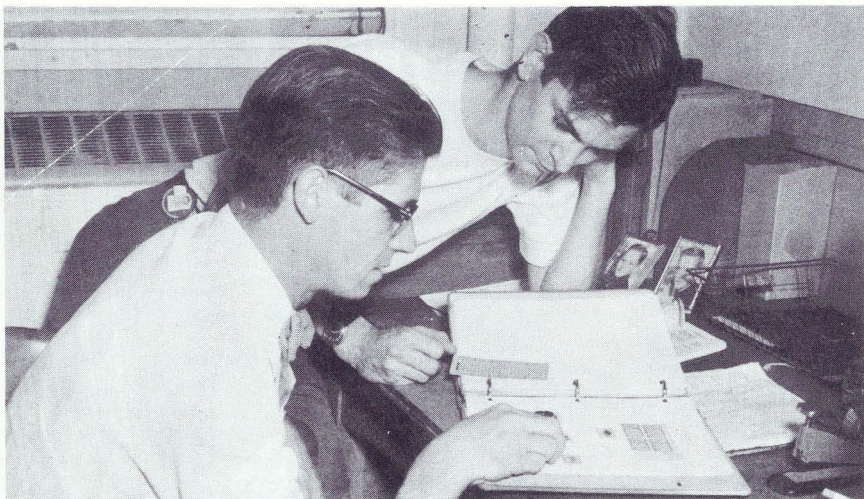
Ample proof as to the power of a bow is furnished in this photo of a moose killed in Ontario, Canada, by bowman Fred Bear, of Michigan.

In field Archery, targets are set out to simulate a variety of actual hunting conditions. These archers are aiming their arrows at one of the uphill targets on the four mile course.



The Koo Koos Course attracts field archers from all over the country! A number of our Scintilla archers have been over it. The two bowmen pictured here are figuring their score.





Scintillites Morris Ketchum and Clyde Conrow were elected officers of Central N.Y.S. Federation of Philatelic Societies last month.

Morris Ketchum Heads N. Y. S. Federation of Philatelic Societies

When delegates to the September meeting of the Central New York State Federation of Philatelic Societies met in Cortland last month, they elected two Scintilla men as officers for the coming year.

Morris Ketchum, Dept. 27, was elected president of the 700-member Federation, and Clyde Conrow of Tool Design was elected secretary.

The Federation's membership rolls cover nine New York counties. It is comprised of stamp clubs in Binghamton, Rome, Elmira, Ithaca, Johnson City, Oneida, Sherrill, Onondaga, Oswego and Syracuse. Also included is the Tri-County Stamp Club of which Morris and Clyde are both members. The Tri-County club lists between 50 and 70 members throughout the year, and covers Delaware, Otsego and Chenango counties.

Morris pointed out that the purpose of the Federation is to combine

the activities of the various clubs and promote an annual stamp show. The Tri-County Club will be host for the next Federation stamp show he said. It will be held May 8th and 9th in Sidney, at the Recreation Center.

Get into the habit of buying Defense Bonds. It's a good habit . . . a profitable habit . . . a patriotic habit. Buy them the automatic way through the Payroll Savings Plan.

EASTONETTES

It seems that everyone I meet adores October's chill . . . and her mad display of color schemes across the rolling hills. The silver web of frost she spins throughout the long, cold night . . . to gown the dew-drenched meadow in a cloak of ghostly white. But, as for me, October means storm windows, fuel and bills . . . plus little rose-red noses, reflecting childhood ills. The winter "woolies" exit from their summer hibernation . . . to once again become the source of frantic consternation. Perhaps, I'll sing the praises of October 'ere I die . . . that is, of course, if it is placed between June and July.

—By Ken Easton.

Russell Elander Appointed New Safety Engineer

The appointment of Russell Elander as Safety Engineer was announced last month by E. M. VanName, staff assistant to the general manager. Mr. Elander, formerly a member of the Production Control department, began his new duties on September 22nd.

The new safety engineer is a former Navy man, having served two hitches in the Navy's medical department. He first came to Scintilla in 1938 and at that time was assigned to the First Aid Room. Prior to this he had served four years in the Navy. He left Scintilla in 1942 to re-enlist in the Navy.

Mr. Elander received his honorable discharge in 1946 and returned to Scintilla shortly thereafter. He left Scintilla again in 1950 to become a sales representative for a pharmaceutical firm, returning here in August, 1951. Mr. Elander is married and the father of three children.

Russell Elander, pictured below, is Scintilla's new Safety Engineer.



Mr. Tognola

Mr. Gregoire

Automotive Magazine Publishes Articles by Two Scintilla Men

Technical articles written by two members of Scintilla's engineering staff were published last month in the September 1st edition of Automotive Industries magazine.

An article entitled "Improvements in Jet Engine Ignition Systems" reviewed a series of accomplishments in the development of this Division's jet ignition. It was written by Stephen E. Gregoire, assistant chief engineer. Another article by Tullio Tognola, chief research engineer, was featured in the same issue. Mr. Tognola's article was entitled "Analyzation of the Creepage-Gap Ignition System."

A story by Thomas Mac New, also appearing in the September 1st *Automotive Industries*, summarized proceedings at the Ignition and Engine Analyzer Conference sponsored by Scintilla this summer.

VOTE From Page 3

Day duties, the custodians also set up a voting machine in the high school each year for the student council elections. Students from the seventh grade up vote for their student council officers and in this way learn how to work the voting machines far in advance of the time when they will come of voting age. Thanks to Jim and Henry, Sidney students are receiving an education in voting procedures from the ground up.



The Voice of

VOTES are the voices of Americans speaking up on the vital issues of these decisive times:

It is Election Day, and an old man hobbles from a car to take his place in the line at the polls. A boy in khaki and a lad in blue, home from the war in Korea, step aside and motion the elderly gentleman ahead of them.

All employees are requested to refer to the bulletin boards for notification as to the hours which will be allowed off for purposes of voting.

A young lady—you can tell she's just 21—self-consciously enters the polling place and isn't quite sure of herself, but there is someone there to show her what to do.

A factory worker, lunch pail under his arm, stops on his way to work, and there's a man in a white apron — your grocer — standing near the head of the line.

There's a man with a brief case, and a housewife with two small youngsters in tow. A mechanic in overalls, and a nurse in starched linen. A stenographer, a school teacher, and the man who sold you an insurance policy the week before.

Throughout the long day many others come and go, and it suddenly occurs to you that Americans are never alone. Not when they are together like this. You realize that something wonderfully American is taking place on this Election Day, because millions of people are going on record for something they believe in.

ALL over the country men who seek and hold public office are listening—for the voice of the people is strong. You're glad that you, too, are a part

of this, and you feel proud to add your voice to this mighty throng.

For weeks now the biggest political battle of the century has been raging, and you, as an interested citizen, have been in the thick of it. A lot of arguments have been tossed back and forth between friends, neighbors and even members of the same family.

But you and a lot of others know these are the kind of arguments that are good for America and Americans, because in order to argue intelligently people have to know what they're talking about. It all adds up to the biggest and most informed vote in U. S. history; and it's taking place right here and now on November 4, 1952.

You're glad that you haven't been left out!

At the same time, however, you can't help wondering if there is someone among your own circle of friends who hasn't voted yet. You wonder if everyone you know recognizes the importance of having a voice in our government.

When it comes right down to an actual vote, you can't help but think to yourself that surely everybody in these times must realize that an informed vote is the intelligent voice of America speaking. You wonder, however, about your best pal, because Bob is so often careless about taking part in important matters like elections.

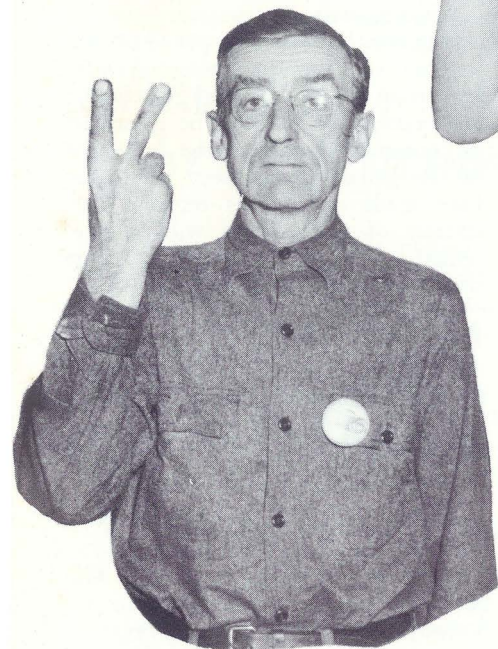
And then Bob comes striding by. He winks and calls back over his shoulder, "See you at the polls!"

This makes you feel good, not because you've already beaten him to it—but because Bob and everyone else wants to have a part in the most important and exciting election in history!

America



Georgia Hafele, Dept. 100



Leroy Chamberlain, Dept. 13



Charlotte Halbert, Dept. 17

Using sign language, these Scintillites make the familiar V for victory. They urge you to remember that V also stands for VOTE!

"Safety Pin Kids" Urge You to Work Safely

The "Safety Pin Kids" are using their influence again this year to get Scintilla employees to work safely, and you will be seeing them on posters around the plant every week now until December 20th. Four of the "kids" have already put in an appearance here in connection with the 28th annual state-wide accident prevention campaign currently being sponsored by Associated Industries of New York State, Inc.

This year's 13-week campaign to "lower the accident rate in the Empire State" started on September 21st, with Scintilla entered as a contestant in the category for Metal Working (Light Machining) industries. Each week a different "Safety Pin Kid" will appear on the official campaign posters used to record the plant's progress toward a new safety

record at Scintilla.

As in previous years, Scintilla is competing against a group of New York State industries which have similar factory operations and approximately the same total man-hours of exposure. Scoring will be based on the total number of man-hours lost through accidents during the campaign in relation to the total of man-hours worked.

Awards will be presented to all contestants having 100 per cent no-accident records and to contestants who are group leaders. Special Awards of Honorable Mention will be presented to contestants which in the judgment of the general supervisory committee have made meritorious records. Certificates of achievement will be presented to firms with above average percentage.

FIELD ARCHERY

From Page 7

the advice of someone like Fred Hanson of Dept. 31, who is well versed in the sport, for there are a number of things to consider in the selection of a good outfit.

Fred, we believe, is Scintilla's most enthusiastic archer. He and his wife spend most of their Sundays at various tournaments throughout the year. The Dept. 31 man recently received his Small Game Pin from the National Field Archery Association. He cautions that beginning archers who will hunt deer for the first time this year should become familiar with the minimum legal weight of a bow for hunting big game.

Field archery, as a sport, is one of the oldest in history, dating back to the days of Robin Hood and even before. Our Scintilla archers tell us it's like getting back to nature. At the rate it is growing, the sport—in its modern form, seems destined for a glorious future.

PROMOTIONS . .

Effective as of September 1, 1952, the following promotions have been announced at Scintilla:

William Welch—Supervisor, Production Contracts.

Walter Schaeffer — Sales Staff Assistant.

Effective October 1, 1952 Mr. Schaeffer has been transferred to the Industrial Relations Department as Personnel Administrator.

John Youmans — District Application Engineer.

James Ludwig — Project Engineer.

Kenneth Henderson — Assistant Supervisor, Technical Field Service.

Donald B. Gray — Field Service Representative, A.

M. Alan Champlin — Field Service Representative, A.

Edward Hogan — Project Engineer, Research.

Kenneth Lawrence — Project Engineer, Research.



Quarter-century men George Marnell, Mario DeSalvo and Frank Norman are pictured here in a jovial mood at recent Diamond Emblem Dinner honoring them. E. M. VanName, toastmaster, is at the far right.

Six Scintilla Men Receive 25-Year Emblems

Five Scintilla men were presented with 25-year service award emblems Saturday evening, September 27, at a Diamond Emblem Dinner given in their honor by the Division.

The new quarter-century men include Ellery Lent, Dept. 34; Mario DeSalvo, Dept. 11; George Marnell, Dept. 83; Frank C. Norman, Dept. 90; and James Greene, Dept. 3.

A sixth quarter-century man, Robert Courtney of the Inspection Depart-

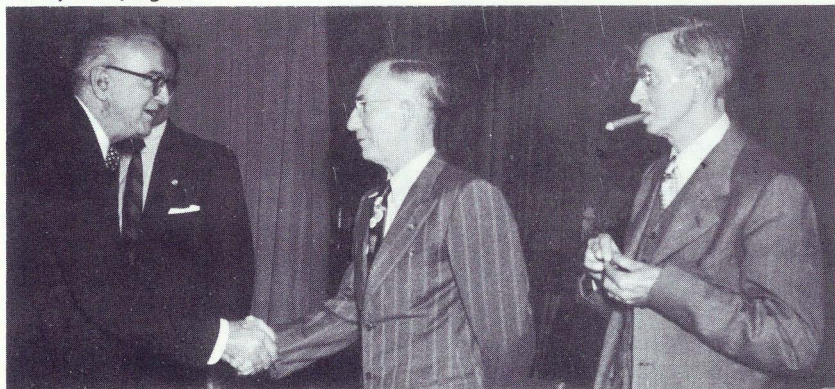
Robert
Courtney

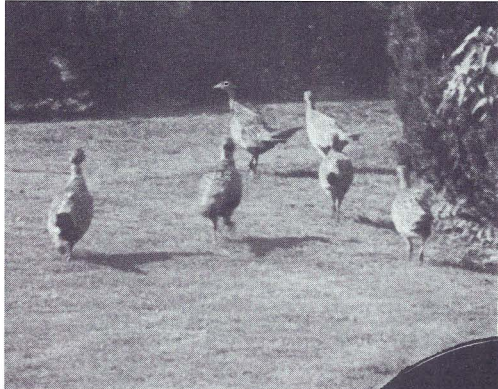


ment, received his 25-year service emblem at The Hospital, Sidney, where he is a patient. A delegation from Scintilla visited him Friday afternoon, September 26, and presented him with the diamond-studded emblem which symbolizes 25 years of service with Scintilla. Included in the delegation were Walter Michel, factory manager; Thomas Z. Fagan, director of advertising and public relations; O. W. Hitchcock, Quality Control Manager; Donald S. Jones, director of industrial

Continued on Page 17

Thomas Z. Fagan, director of advertising and public relations, congratulates Jim Greene, new quarter-century man at Scintilla. Waiting to receive 25-year emblem is Ellery Lent, right.





Armed with his camera, photographer Norman C. Meagley shot these pheasants out of season last month. The birds — three cocks and three hens — were out for an afternoon stroll across Scintilla's front lawn.



The Washington Monument makes a pleasing background for this photo of Elizabeth Waters, Personnel Department. Husband Ed of Engineering was behind the camera when the two Scintillites recently vacationed in Washington.

in the Camera's Eye



Tommy Grant, 11-month-old son of Mr. and Mrs. Lloyd Grant, takes a thoughtful view of his parent's picture making activities. His mother, Phyllis, is a member of the Personnel Department.

Steve Pollock, president of the City Bowling League, presents the Scintilla Trophy to "Peanuts" Freiburger, captain of Spicks Service Station team, 1951-'52 League winners. Photo also pictures Bob Carlson, Merritt Wheaton, Dick Halbert,

secretary-treasurer of the League; Kenny Harris and Eddie Jacobson. Presentation of the trophy was made late last month. It must be won three times by a team before permanent possession is given.





The girls of the Sales Department said farewell to Jean Gifford and Betty Dixon on August 26th with a surprise party at Rock Inn. Photo above pictures those present: Front Row—Dorothy Fugerson, Betty Dixon, Madalin Aiken and Jean Gifford. Back—Mary McGranaghan, Helen Perry, Joan Dilello, Ruth Wihord, Ernestine VonBargen, Helen Daley, Frances Riker, Aileen Getter, Jane Harris, Eleanor Nolan and Beverly Carter. Both Miss Gifford and Mrs. Dixon received personal gifts.



Glenn Youmans of the Tool Room is pictured here with a rare find — a sprig of chestnut burrs. Chestnut trees, killed by a blight, have been practically extinct for nearly 30 years. Glenn reports, however, that a young chestnut near his home has borne burrs for the past two years. A year ago The Scintillator featured a story about a chestnut tree in Sidney. This second find of chestnuts by Glenn should give encouragement to those who hope to see them come back.

"Beauty and the Bird" would be an apt title for this photo contributed by Bart Lane of the Service Department. The dog, an English Setter, was owned by a friend of Bart's. Photo by the Warnken Studio.



(Editor's Note — The following article originally appeared in the September 9, 1952, edition of LOOK MAGAZINE and is reprinted here through the courtesy of LOOK).

If You're President, We'll Get It For You

The day before President Truman flew to Chicago during the Democratic Convention he mentioned to Captain Francis (Frenchy) Williams, the pilot of the Independence, that he wished he had a television set in the plane so he could watch convention proceedings enroute. Frenchy said it might be a little tough, with only 24 hours to go, because nobody had ever installed a TV in a Douglas DC-6, which is what the Independence is, and there might be complications. He didn't specify them, but they were numerous: the Independence has a pressurized cabin and a leak around the cable to the antenna might upset the pressure system; it has four engines and four propellers to chop the TV picture into bits; it carries radio and radar instruments that might be knocked out of kilter by a TV installation; it flies so fast that an antenna might be whipped to pieces. He said he'd see what could be done.

HELLER WOULD

He called Frank White of the Air Transport Association, who had helped install radar on the plane. When the call came, White was with Douglas M. Heller of the radio division of Bendix Aviation Corporation, for which he is chief engineer for commercial products. White asked Heller if he cared to tackle the job and Heller said he would. He called John Miller, Bendix's chief engineer for home radio and TV, and asked him to get a 21-inch set ready.

Then White and Heller hunted up

Earl Raymond, electronics engineer for Capital Airlines, who once had installed a TV in one of Capital's DC4's. The DC4 is slower than the Independence and doesn't have a pressurized cabin, but it was the best they could do in the way of a precedent. After talking to Raymond, they got Eugene F. Lucas, a Douglas Aircraft service expert here, and all hands assembled around the Independence in its hangar. They decided to hang the antenna under the tail of the plane where it would be least susceptible to interference. Lucas called the Douglas plant in Santa Monica, California, for some technical dope, including how to attach the antenna without weakening the tail structurally. Air Force mechanics riveted it in place and ran a cable into the cabin, plugging the hole around it with putty.

While this was going on, Miller was trying to get his receiver to operate on the current supplied by the plane's generators. He wound up by extemporizing a power supply built around a gadget intended to supply juice for radios on a Diesel train. For reasons too esoteric to go into here, the TV set wouldn't work until the plane's current was strained through this converter.

Heller wanted to use a big console model receiver because it was a blond wood cabinet that matched the trim of the cabin. After Miller got the set adjusted to his make-shift power supply it turned out there wasn't enough room for it in the lounge compartment where the President travels. They settled for a mahogany table model. This, however, was four inches too deep to go through the lounge door, which is only 19 inches wide. Miller sawed four inches off the back of the cabinet, took it inside and glued it together again.

WORKED FINE

When the cabinet was ready he took the chassis out of the console set and installed it in the table cabinet. It was midnight when they turned on the set

and found that it worked. Then a tube burned out. They fixed that, went home and worried. Williams tried out the TV during a test flight the next morning and said it seemed to be all right. Heller fidgeted, however, until an hour after the President had left for Chicago. Then he got a call from the Pentagon; a radio message from Williams advised that the set was working fine and the passengers seemed to be enjoying it.

Heller then relaxed, turned on his own TV and had a fine view of the crowd waiting for the plane to land, strong in the knowledge that Mr. Truman was getting a good view of it, too.

EMBLEM DINNER

From Page 13

relations; and Jacob Schroh, chief inspector.

Last month's Diamond Emblem Dinner, held in the Victory Restaurant's Rose Room, was attended by 23 Scintilla quarter-century men and 10 guests. The award presentations were made by Mr. Fagan who will celebrate his 30th anniversary with Scintilla on October 22nd. E. M. VanName, staff assistant to the general manager, was toastmaster at the September dinner.

Members of the group pictured here were photoed at a family picnic held by the Molding & Diecasting Designing Department on September 6th at Floyd Brown's cottage, Oquaga Lake. Dick Riker is about to cut a cake cleverly modeled after a production mold by Mr. and Mrs. Brown.



Photo below pictures members of the Tool Room at a farewell party honoring several of their group. Tool Room members honored prior to their retirement included William Birdsall, Louis Schifauer, William Mangs, Nick Zullo, Anthony Donaloio and Ike DeMott. (Photo submitted for publication by the members of Dept. 11)



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: 1948 Crosley Station Wagon, price \$275.00. Larry Haywood, R.D. No. 3, New Berlin. Phone New Berlin 9-4844.

WANTED: Upright Piano in good condition, reasonably priced. Frances Feltman, Phone Franklin 135-R-5.

FOR SALE: 1 Boy's and 1 Girl's Sidewalk Bicycle. E. M. VanName, Secor Street. Phone Sidney 5901.

FOR SALE: Sunlight Oil Burning Stove, pot type, \$20.00. Theodore Tompkins, 47 Riverside, Sidney.

FOR SALE: Simmons Studio Couch, in good condition. C. A. O'Connor, 214 Johnston Circle, Sidney.

WANTED: Girl to share apartment. Contact Ethel Holbert, 48 Willow Street, Sidney after 5:00 o'clock.

FOR SALE: 1939 Chevrolet 2-Door Sedan, in good running condition and with good tires; also white kitchen stove, coal or wood, with new hot water front and copper reservoir; Westinghouse roaster and boy's bicycle, very good condition. Tony Schrader. Phone Bainbridge 3568 between 4:00 and 6:00 p.m.

FOR SALE: Beautiful Irish Setter puppy. Five months old and starting to hunt. Dick Stafford, Phone Morris 139.

FOR SALE: 30-06 Springfield Deer Rifle with Weaver scope, sporter stock and checkpiece recoil pad; new K22 S&W Revolver, bolt action shotgun and several other second hand guns in good condition. Also 330 Weaver

scope with Redfield Jr. mount. Bob Stafford, Phone Morris 138.

FOR SALE—Home in Unadilla, 4 rooms and bath down, 4 rooms and bath up; front porch, sun porch on back, garage (14' x 40') full basement and central heating plant. Fred Frewert, Phone Guilford 6-2301.

FOR SALE: Electric Range, push button type, automatic oven, 1 year old. Ed Moss, Phone Franklin 94-F-41.

Improved U. S. Defense Bonds are more profitable. Series E Bonds have all the old advantages, plus a 3 per cent interest rate when held to maturity. And they're safe—backed by your government. Save for your future . . . your country's future — with safe, profitable Defense Bonds.

CARDS OF THANKS

I wish to thank The Management and kind friends who were so thoughtful to send me flowers and cards during my stay in the Fox Hospital and during my convalescence. —Julia Smith, Dept. 47.

I wish to thank the Scintilla Management for the beautiful flowers sent during my stay in the Binghamton City Hospital. Also my fellow employees and Dept. 70 for the cards and wonderful sunshine basket. They were all sincerely appreciated. — Marjorie E. Barnes, Dept. 70.

I want to thank The Management of Scintilla for the lovely bouquet of flowers sent to me during my stay in the Delaware Valley Hospital.—Lillian S. Huyck.

I wish to thank the members of my department for their remembrance and the Scintilla Management for the flowers sent while I was a patient in The Hospital. Your thoughtfulness was greatly appreciated. — Donald S. Johnson, Dept. 48.

I wish to express my heartfelt thanks to The Scintilla Management for their lovely basket of fruit; also the Matrons, Dept. 38 and all of my friends and co-workers who have been so kind to remember me and send me so many get well cards and gifts. I also wish to thank everyone for their visits while I was a patient at The Hospital, Sidney, and at home. It is such a happy feeling to know I was thought of. Thank you every one.—Margaret K. Pazel, Dept. 13.

Your kindness and sympathy is more deeply appreciated than any word of thanks can ever express.—The Family of Hans Klabe.

I wish to thank The Management for the wonderful basket of fruit; I also wish to thank the many people who sent cards and came to see me while I was a patient in The Hospital, Sidney.—Harry Earl.



The Freedom Way

Freedom is the Most Natural Thing in the World—

On my way to work yesterday morning I crossed the borders of Chenango, Otsego and Delaware counties without requiring a travel visa, or any kind of permit whatsoever other than the New York State license which certifies that I am qualified to operate a motor vehicle.

I was stopped just once—by a Sidney policeman who held up his hand to let some school children cross the street.

I paid five cents for my favorite morning paper and listened to a news broadcast on the car radio.

I heard a man on the street bitterly condemn the speeches being made by one of the presidential candidates.

I took time for a cup of coffee in the cafeteria and read in the paper a list of people, some of whom I know well, being called for jury duty in a neighboring county.

I also read through a list of property transfers and skimmed over a wide range of news matter pertaining to virtually everything of importance that is going on in this country of ours.

I spent the day working at a job of my own choosing in the company and community of my choice.

I talked with a Scintilla friend who is planning and saving for the day when he will be able to go into business for himself.

I passed three Sidney churches—each representing a different concept of worship—within a single block on my way home at 5:00 o'clock.

I bought an evening newspaper that has entirely different editorial viewpoints than those expressed in the morning paper.

I stopped at a local garage to check their trade-in allowance on my '49 Plymouth against that offered by a competitor a week ago.

I attended a meeting of the Sidney Sportsmen & Field Trial Club in the evening and took part in an election of officers for the coming year.

I returned home at eleven o'clock and shortly thereafter went to bed, feeling secure in the knowledge that the privacy of our home would not be invaded.

This was an ordinary day filled with a series of routine events. There was nothing unusual involved in any way. Yet, here is an everyday demonstration of several important RIGHTS that are a vital part of The Freedom Way. Although the above is only a partial summary of a typical day's activities, included is a direct reference to such basic FREEDOMS as the right to move about freely, the right to free speech and press, the right to trial by jury, the right to own private property, the right to work in callings and localities of our choice, the right to contract about our affairs, the right to go into business . . . compete and make a profit, the right to worship God in one's own way, the right to bargain for goods and services in a free market, the right to assemble, and the right to privacy in our homes.

It's no wonder that Freedom—to an American—seems like the most natural thing in the world. Most of us have never had to live any way of life other than The Freedom Way. Think what it would mean to our personal liberty, however, if we were to suffer the loss of even one precious Right.

—The Editor, September 17, 1952.



William
Berry



Matt
Plankenhorn



Bart Lane

The Scintillites pictured here are among the many who buy U. S. Defense Bonds regularly through the Payroll Savings Plan.

PARTNERS IN DEFENSE ALL THE WAY

BEING A PARTNER in defense is a whale of a responsibility. It's a serious, down-to-earth business that calls for all-the-way support. Halfway measures won't work. That's why Scintilla has been solidly behind the Payroll Savings Plan ever since it first started. This Division fully recognizes the fact that the Payroll Savings Plan is an important factor in the financing of our country's defense program. And Scintilla—through the years—has supplied the clerical personnel, the business machines and the materials required for the successful operation of this convenient, automatic way of buying U. S. Defense Bonds.

IN TURN, SCINTILLA men and women have invested hundreds of thousands of dollars in U. S. Defense Bonds through the Payroll Savings Plan. They have become partners in defense—all the way! They not only are busy producing precision products for the armed forces, but they are also helping to oil our country's defense machinery with the tremendous sums of money needed to make us strong. At the same time these men and women are watching their Payroll Savings dollars multiply under the new interest rate that makes Defense Bonds a better investment than ever.

IF YOU ARE not already buying Defense Bonds the Payroll Savings way at Scintilla, why not contact your department clerk right away? You will be getting in on a good thing, because—1. U. S. Defense Bonds (Series E) purchased on and after May 1, 1952, pay 3 percent interest, compounded semi-annually, when held to maturity. 2. New Series E Bonds mature in 9 years and 8 months instead of 10 years as formerly. 3. Interest starts at 6 months, instead of one year as before, and earnings in the earlier years are higher. 4. All E Bonds can still be held 10 years beyond maturity. Every E Bond maturing on and after May 1, 1952, now earns 3 percent interest, compounded semi-annually, during the extension period.

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