

The Scintillator

May

The Scintillator

VOL. 5

MAY, 1947

No. 11

**DIRECTOR OF INDUSTRIAL
RELATIONS**

E. M. VAN NAME

EDITOR

P. J. DU BOIS



ASSOCIATE EDITORS

K. V. CAMPBELL

B. L. MCGREGOR

ASSISTANT EDITOR

D. R. CRANDALL

PHOTOGRAPHERS

H. C. EARL

N. C. MEAGLEY

CONTRIBUTORS

The Employees of Scintilla Magneto Division, Bendix Aviation Corporation
Published monthly by Scintilla Magneto Division, Bendix Aviation Corporation, Sidney, N. Y.,
for its employees. Address all communications to P. J. DuBois, Editor, The Scintillator.

Memories

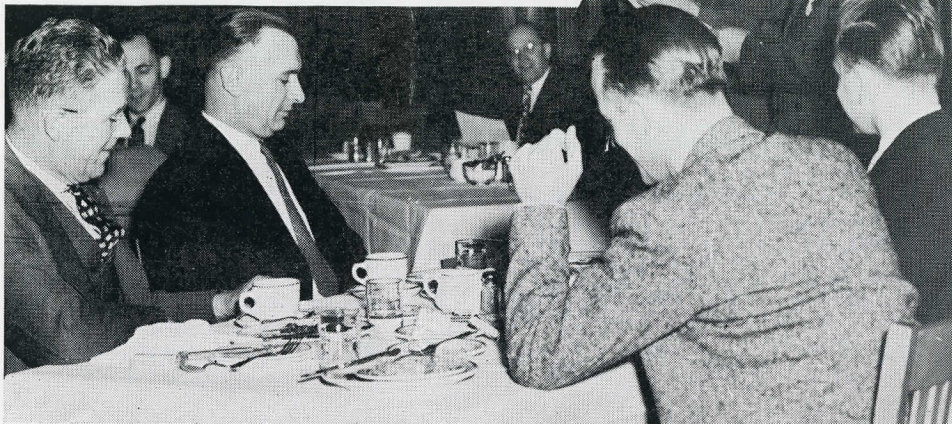
Out of the agelong depths of time come the ghosts of the past . . . haunting memories of days lost forever. Each year we set aside Memorial Day as a day of remembrance; a day of reverence and honor to our heroic dead. In solemn tribute we pay homage to the memory of those who sacrificed their lives that we might continue to enjoy the privileges of a free people.

In 1941 young Americans from every walk of life marched away to war. Almost overnight America geared its industrial might into a machine of war, turning out the weapons necessary for world-wide conflict. Tiny, unknown islands in the Pacific suddenly burst into newsprint as the kid up the street helped turn the tide of victory in our favor. Back home everybody smiled confidence, but worked harder than ever when news of the "bulge" first broke in the papers. War continued to reap its grim harvest until one day we learned of the atomic bomb . . . and then the guns on all fronts were silent.

On this Memorial Day we are slowly building a world of peace, seeking to avoid the costly mistakes of the unstable peace between World Wars I and II. More than ever we are conscious of the thousands of homes in our nation where the shadow of war still lingers, a grim reminder of our past efforts at peace making. Today millions of Americans are left with only a few treasured memories—their sole inheritance from two costly World Wars.

World War II is rapidly fading into the pages of history, but, for the rest of our days, ghostly memories of the past will keep coming back to haunt our minds. These ghosts of the past will keep coming back as long as we live to remind us of our obligations . . . to remind us that this time it can't be in vain.

Link Foremen Visit Scintilla



Above—Toastmaster Roland L. Barratt joins George Conine, Link Aviation, in an impromptu duet. Seated at the table, l. to r.—E. M. VanName, A. J. Cummm, B. W. Greenslade and H. Brundage. Shown in the background is W. Michel.

Members of the Scintilla Foremen's Forum were hosts Friday evening, May 2, to nearly 50 visiting foremen from the Link Aviation Company in Binghamton. Prior to a tour through the plant the Link foremen were entertained at a dinner in the cafeteria.

Toastmaster Roland L. Barratt, Sr., led the group in a short song fest, and then introduced E. M. VanName, Director of Industrial Relations at Scintilla; B. W. Greenslade, Personnel Director at Link; A. J. Cummm, Secretary of the Scintilla

(Continued on Page 4)

BEHIND THE COVER

In our cover photo this month Harry and Dave Downin, father and son vets, jest about Dave's difficulty in making his Navy blues stretch around his waist. Dave, like many of his fellow veterans, has added a few extra pounds since his discharge, and discovers that his old uniform is now a bit tight. Although Harry's A.E.F. uniform is also a tight fit, in the photo it appears to be made to order.

Harry, who works in the Shipping Dept., served with the A.E.F. in France during World War I. Serving a total of 31 months, Harry was overseas 22 months. He is a former member of the 7th Field Artillery U. S. 1st Division, and is entitled to wear 5 battle stars on his campaign ribbon. After the

Armistice he remained in Germany a short time as a member of the Army of Occupation.

Dave, a World War II vet, served in the U. S. Navy. Most of his three years in the Navy were spent as a Salvage diver, based in England. At the present time he is employed in Service Repair.

Although our cover photo is on the lighter side, however, it has deeper significance than appears on the surface. We consider it symbolic . . . father and son vets of two World Wars . . . because both of America's great wars have occurred within the span of two generations. How successful we are at the peace tables will determine whether a third link will be forged in a bloody chain of World Wars.



Above—Dinner shot of the Link-Scintilla Firemen's Dinner, held in the cafeteria on May 2.

LINK FOREMEN *(from Page 3)*

Foremen's Forum, and Harry Brundage, Chairman of the Link Foremen's Council. Immediately following the introductions William Law, President of the Scintilla Foremen's Forum, gave a brief word of welcome.

At the completion of the dinner Mr. Barratt introduced Walter Michel, Scintilla's Factory Manager, who gave a brief history of the company, describing Scintilla's role in the war effort and its conversion to peacetime production.

The group was then adjourned to the Below—Mr. Barratt introduces Walter Michel, guest speaker at the dinner. Mr. Michel and William Law, President of the Scintilla Foremen's Forum, are shown seated. Inset photo shows Mr. Michel during his address to the group.

plant for a conducted tour through Scintilla's Production and Engineering Departments. Separated into four groups, the visitors were conducted through the plant by representatives of the Foremen's Forum. Guides included John Beyen, Walt Merrit, Richard Linderman, Clare Engaard, William Beyen, Harold McCarty, Harold Pendorf and Vern Cornell.

The four hour tour was in reciprocation for a similar tour through the Link plant which Scintilla foremen visited last month.



Yang Studies Aviation Maintenance at Scintilla

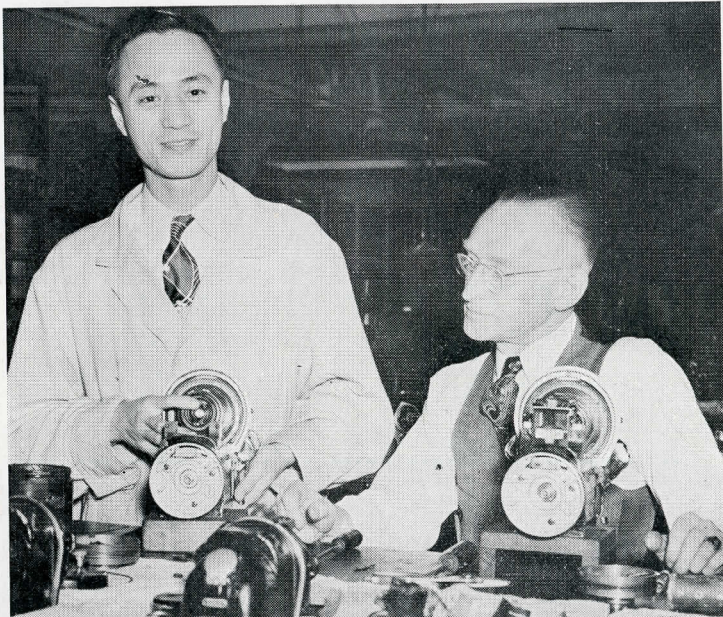
During the next few months Herman Sendeh Yang of Shanghai, China will be a familiar figure around the shop. Herman, who will be in the United States for an indefinite period of time, expects to remain at Scintilla several months.

Herman was born in Chungking, receiving an extensive education which included a course in Mechanical Engineering at Wuhang University. He speaks fluent English, a subject he has been studying throughout all his schooling.

During the war he was engaged in production work for China's military factories, and after the war he became associated with the China National Aviation Corporation. His trip to the United States was made for the purpose of familiarizing himself with American production and manufacturing processes.

While Herman is at Scintilla he will be under the guidance of the Service Department, studying aviation maintenance. However, he also expects to receive information on time study and other operations which will aid him in setting up shops in China. At the present time he is working under the supervision of Bob Graham in Service Repair.

Herman Yang, left, learns the fundamentals of magneto maintenance first-hand from Robert Graham, Service Repair Supervisor. Herman expects to be at Scintilla several months.



H. Hanni Is Named 'Man of the Years'

Selection of Herman Hanni as Sidney's "Man of the Years" was widely acclaimed by residents of this area early this month.

Presentation of the award to Mr. Hanni was made by Lester Hayes at the annual dinner meeting of the Sidney Chamber of Commerce, held in the Hotel DeCumber. Other speakers at the dinner included Mayor W. W. Bates and Dr. R. H. Loomis, recipient of last year's "Man of the Years" award.

Chamber President Sidney Mang explained that the annual award was not given for any single year of achievement, but was based upon the activities of an individual over a long period of community service. He later pointed out the fact that Mr. Hanni had always contributed a great deal toward the promotion of community welfare and civic life, carrying out numerous duties in a quiet, unassuming manner.

Mr. Hanni, who celebrated his 25th anniversary with Scintilla last September, was presented with a scroll as a memento of the occasion. The scroll was signed by more than 80 members and guests of the chamber.

You Bet Your Life!

Remember This on Memorial Day

40,000,000 automobile drivers, some good and some bad.

140,000,000 pedestrians, including the very young, the very old, the lame and the blind.

3,000,000 miles of highways, with many a hazard in every mile.

• • •

Add all these together and you have America's traffic lottery, a complex game of life and death in which each one of us, willing or not, must have a hand.

Last year 33,900 were killed and more than 1,300,000 injured in U. S. street and highway accidents, according to figures compiled by The Travelers Insurance Companies. It was a year in which most of us did not yet have that new car and those new tires with which to drive as frequently, or as fast, or as far as we might have liked. But the casualties were heavier than in any year since 1941. Why?

Most of the 1946 dead and injured were killed or hurt because they took a chance. They didn't pause to consider the risk because they didn't expect to lose. They *did* lose.

What of this year? Today? This Memorial Day week-end?

Some will lose because they are willing to take a chance, no matter how great the odds. Others will lose because they have not learned the game well enough to play it safely. Your stake in this lottery is high. Here are your odds:

Two out of every three automobile accidents in the United States last year involved mistakes by drivers.

Exceeding the speed limit was responsible for 42 per cent of the fatalities. In no other year since the record has been kept has speed loomed so large as a factor in accidents.

Nearly one-third of 1946 automobile accident fatalities were pedestrians.

More than 70 per cent of all accidents occurred on dry streets and highways in fair weather.

Fifty per cent more persons were killed between intersections in cities than at intersections.

Less than 10 per cent of vehicles reported in fatal and non-fatal accidents were found to be mechanically defective.

Sixty per cent of all fatalities occurred during the hours of darkness when only about 25 per cent of a day's total traffic was on the roads. Saturday became the most dangerous day to travel in automobiles for the first time since the record has been kept.

On the basis of the above figures it is up to you, and you alone, to make certain you do not lose in America's traffic lottery. Remember this, especially over the Memorial Day week-end: when you gamble in traffic, you bet your life.

Scintilla Portraits

Active Naval service, totaling nearly twenty-two years and spanning World Wars I and II, was more than enough to qualify William Berger, Scintilla guard, as our Portrait of the Month.

Bill has been wearing Navy uniforms since May 19, 1913, the date of his first enlistment in the U. S. Navy. Subsequent enlistments followed approximately every four years until 1933 when he was ordered to return to the States from Guam. He was then transferred to the Fleet Reserve on April 4, 1933.



During the early days of World War II Bill was recalled to active duty on

August 24, 1942, after being on the Reserve list nearly nine years and a half. Prior to his recall to active duty, Bill wore the uniform of the Scintilla police force for sixteen months.

His Naval record includes service in two World Wars. During the first World War he was assigned to the U.S.S. Niagara," S.P., for convoy duty. Later he was assigned to gunboat duty around Central America.

His first assignment in World War II was on a Y. P. boat doing patrol work from the Tompkinsville, Staten Island, Section Base. Later he was assigned to the Naval Supply Depot at Bayonne, New Jersey, as Master-at-Arms, and on January 24, 1945 he was released to inactive duty. A short time after his release he returned to his post as a member of the Scintilla police force.

"Imagine my imbesslement," chirped the cashier as he absconded with the \$40,000.

Mama: "George, dear, come kiss your new governess."

George: "I don't wanna. Daddy kissed her yesterday and she slapped his face."

What is a Boy?

He is the person who is going to carry on what you have started.

He is to sit right where you are sitting, and when you are gone, attend to those things which you think are important.

You may adopt all the policies you please, but how they will be carried out depends on him.

Even if you make leagues and treaties, he will have to manage them.

He is going to sit at your desk in Congress and occupy your place on the Supreme Court bench.

He will assume control of your cities, states and nations.

He is going to move in and take over your churches, schools, universities and corporations.

All your books are going to be judged praised, or condemned by him.

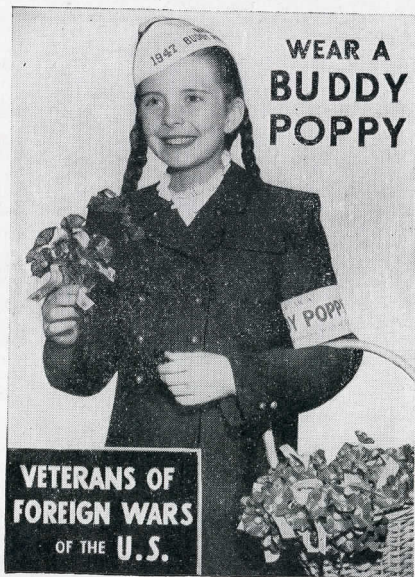
All your work for him, and the fate of the nations and humanity is in his hands.

So, it might be well to pay him some attention.

—The Textorian

(Greensboro, North Carolina)

Buddy Poppy Girl

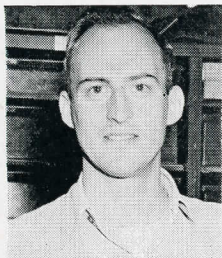


Margaret O'Brien, pictured above, has been selected as the 1947 Buddy Poppy
(Continued on Page 8)

Candidly Yours

THE QUESTION

"Do you favor a living memorial as a monument to those who gave their lives in World War II?"



Richard Quick, Dept. 38: "Yes! I think a living monument is an excellent idea . . . that's what they're doing in Binghamton, and I believe they intend to use the funds for a Memorial Stadium. I think the

servicemen who gave their lives would rather have it that way, too."

Harold Mattice, Tabulating Dept.: "I favor a living monument because we already have too many of the others. One thing we need is more hospitals for infantile paralysis victims. I think something of this type would be an excellent World War II memorial."



Irma Hauschild, Dept. 99: "Yes, I favor a living monument because people aren't as likely to forget what it stands for as they would a statue. I think a hospital would make a suitable memorial to the

servicemen who died in World War II."



Ethel Underwood, Dept. 47: "I am in favor of a living monument because I think that something someone gets some good out of is much more suitable as a memorial. Each community should select a suitable

monument which is needed in the community and will be of continuous use."

Wendell Bachman, Service Dept.: "Definitely! I am in favor of trees, planted within the boundaries of a park as a living memorial. Each tree would represent a serviceman in the community who lost his life. Why cold bronze or granite?"



The Scintillator takes this means of expressing the thanks of the Staff to those who contributed photos for this issue. Due to lack of space it was necessary to leave out a number of fine photos. In selecting the pictures which appear in this issue we have attempted to publish only those photos which we feel will be of interest to everyone.

POPPY GIRL (from Page 7)

Girl by the Veterans of Foreign Wars of the United States in connection with their annual Buddy Poppy Sale. The sale is being conducted nationally this week to raise funds for relief work.

Selection of Margaret O'Brien as the Buddy Poppy Girl has special significance in that the V.F.W. considers her a sym-

bol of American childhood. Margaret's screen career is a typical example of the possible opportunities which may lie ahead for any American child. Through its National Home for Widows and Orphans the V.F.W. seeks to make these opportunities available to the children of our country's soldier dead by giving them the start for a future which is their American birthright.



Above—Louise Glacken, Dept. 7, is vaccinated by Dr. Danforth.

SMALLPOX CLINIC HELD

Under the sponsorship of Scintilla, a free smallpox vaccination clinic last month received excellent response on the part of Scintilla employees.

According to Martha Dwyer, Supervising Nurse of the Medical Dept., 1,610 Scintilla employees were vaccinated during the latter part of April by Dr. Loomis and Dr. Danforth. The two doctors were assisted by members of the Staff of the Scintilla Medical Department.

Conducted on a voluntary basis, vaccination of Scintilla employees was carried out as a precautionary measure, following an outbreak of smallpox in New York City last month. Vaccine was supplied through the New York State Department of Health.



Left—Scintilla employees line up for the needle during recent Smallpox Vaccination Clinic.

Shadows That Shall Not Pass

"Honor the dead by helping the living" is the theme of the annual Buddy Poppy Sale, conducted throughout the United States each year during Memorial Day week by the Veterans of Foreign Wars of the United States. First to successfully conduct the Poppy Sale on a nation-wide scale, the V. F. W. held its first sale in 1922, using French poppies made by women and children of war devastated areas.

With the passing of World War II the Buddy Poppy carries added significance as America's flower of remembrance. The present plan was developed in 1924 and has expanded annually with the success of each sale. Each V.F.W. Buddy Poppy carries a copyrighted green label, identifying it as the handiwork of dis-

abled and needy ex-servicemen. The name "Buddy Poppy," was originated by the men who first made these flowers. They selected the term "Buddy" as a tribute to the buddies they left behind in France.

Since 1922 the Buddy Poppy has been recognized as a symbol of honor and tribute to those who have fought the battles of their country. Endorsed by the President of the United States, Secretary of War, Secretary of the Navy, AFL, CIO, General Federation of Women's Clubs, outstanding religious leaders, fraternal organizations and business and professional associations, the Buddy Poppy Sale gives an opportunity to aid a practical and patriotic program of relief and wel-

(Continued on Page 10)

JOE JERK... *He's a hazard at work*



SHADOWS *(from Page 9)*

fare.

Each year the entire proceeds of the sale are used for the relief and welfare of disabled and needy veterans, and their dependents. A portion of the funds is allotted to the maintenance of the V.F.W., National Home for Widows and Orphans

of Ex-servicemen at Eaton Rapids, Mich. This home is a living tribute to the men who, in making the supreme sacrifice, have passed on to the American public the responsibility of seeing that their children have a chance to enjoy the safe, secure future for which they gave the last full measure of devotion.

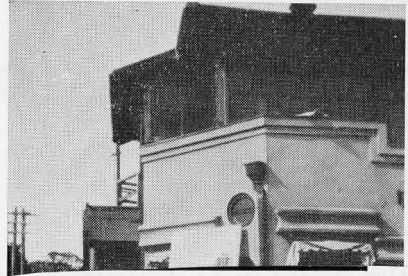


*in handy for ammunition
above. Submitted by
Dept. 11.*

*Above—L. S. Wormuth, Dept. 92, submitted this
photo of an Arab band.*

Wide Scenes

*Below—The center of Naha today is waste-
land . . . the only building standing is Naha
College. Submitted by Bill Packard, Service
Repair.*



Pratt and Felske to Operate See Bee

The answer to a sportsman's prayer—week-end travel time cut to a minimum—seems to lie in the new Republic amphibian "See Bee" recently purchased by Pratt and Felske's Flying Service.

The sturdy, lightweight ship is made almost entirely of aluminum and is powered by a pusher-type motor. Designed for both land and water, The See Bee suits the needs of sportsmen in making quick, week-end hops to Northern lakes and woods. Pratt & Felske plan to oper-

ate it on a chartered basis between here and points North.

The See Bee has a large, roomy cabin accommodating the pilot and three passengers. Encased in windows on three sides, a maximum percentage of vision is insured, and small vents in the windows provide a continuous supply of fresh air. Luggage is stored in a special compartment behind the cabin, and the seat cushions may, in the event of an emergency, be unbuckled and used as life preservers.

Bob Felske and Cliff Pratt pose alongside their new Republic See Bee. The See Bee will be used for chartered trips to Northern Lakes.



at work

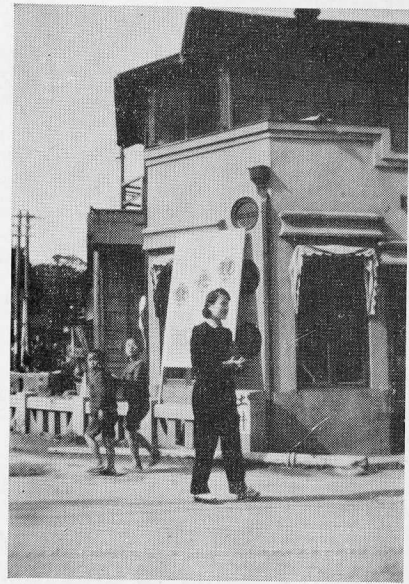


Above—L. S. Wormuth, Dept. 92, submitted this photo of an Arab band.

in handy for ammunition above. Submitted by Dept. 11.

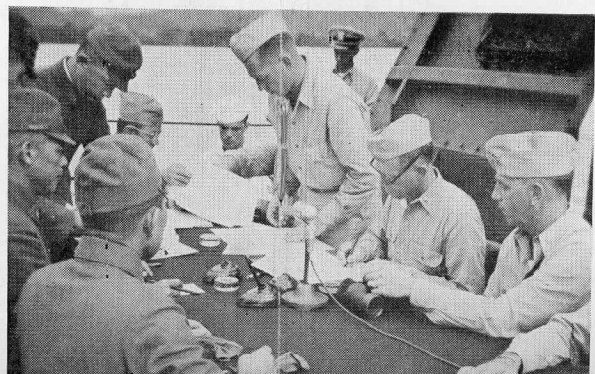
Wide Scenes

Below—The center of Naha today is wasteland . . . the only building standing is Naha College. Submitted by Bill Packard, Service Repair.

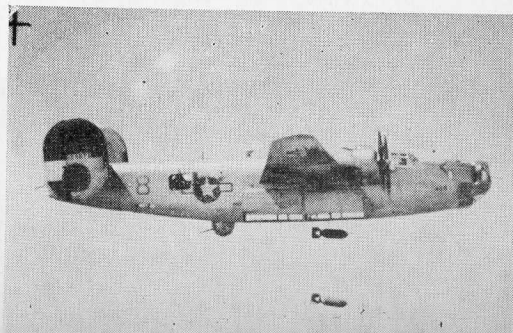


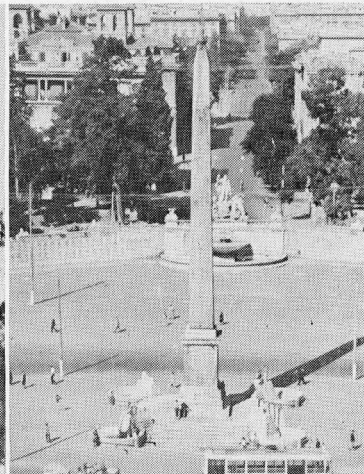
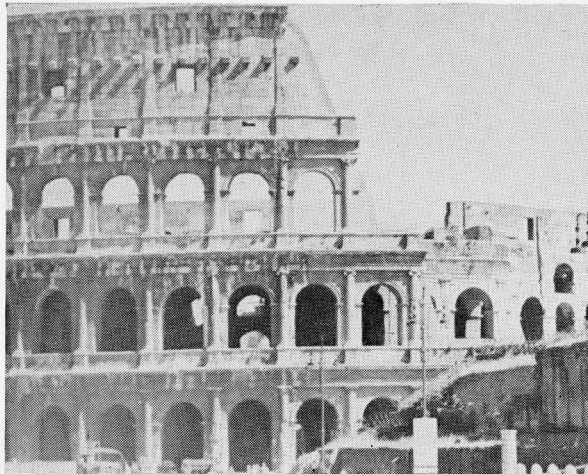
People of the East, submitted by Ray Cunningham.

Below—In the last days of World War II Jap surrender scenes such as this one were common. Submitted by Perry Shelton, Dept. 11.



Herb Weber, Dept. 34, took this shot, below, of an American bomber over Athens.





*"In Sunny Italy"
Photos of
Old Rome*

NAVY (from Page 16)

up as a component of the Naval Reserve for the purpose of keeping the Navy's veteran pilots in top shape and also training younger pilots. Of approximately 60,000 wartime Navy pilots more than 50,000 are now civilians.

This represents a training investment alone of twenty-five billion dollars, and in order to protect this huge investment and keep the priceless skill of these men available, the Navy has set up 22 Naval Air Reserve Training Units. Here, as in the U. S. Fleet of the Regular Navy, Reserves are formed into Squadrons, Air Groups and Service Squadrons which are brought to such peaks of skill that, if the need should ever come, they could fly aboard carriers as fast as the carriers are brought out of their "zippers."

The Naval Air Reserve does not concentrate on pilot training alone, however. Ex-Navy aircrewmembers and maintenance men, whose experience from Pearl Harbor to Tokyo kept the Navy flying, form the backbone of the Reserve ground echelon and pass on their "know-how" to younger, peacetime shipmates.

The two years it takes to make a combat pilot is the same all over the world. Japan found it out when she tried to shorten it. Germany found it out. However, as long as the Naval Air Reserve is adequately manned by experienced, trained, ready pilots and ground men, no nation or combine of nations will make

Paint It Blue . .

Older folks remember when all kitchen utensils had either plain wood or white-painted handles. In those days the mixing-spoon and pancake-turner business was a pretty stagnant proposition. Then, one day a young man offered this suggestion—"PAINT IT BLUE." The manufacturer did, and overnight his kitchenware business doubled — then tripled! Housewives had been waiting for those three words to brighten their kitchens. Needless to say, the young man who submitted the idea became a "big gun" in the kitchen utensil field.

"PAINT IT BLUE"—an idea so simple so obvious that it hardly seems worth mentioning, yet it was worth many thousands of dollars. "PAINT IT BLUE"—an idea that required no technical knowledge or special skill—yet those three words were the open door to one man's success.

Often the simple, seemingly obvious ideas are the best ones. However, most of us neglect to act on our ideas simply because we think "someone must have thought of that before"—yet if we used our thinking caps a bit more we might be "PAINTING THE WORLD BLUE."

the mistake of thinking the United States is an easy mark.



With construction of the Sidney Speedway nearing completion, opening date has been set for June 8th. At the time this photo was taken the grounds were being cleared for construction of a grandstand.



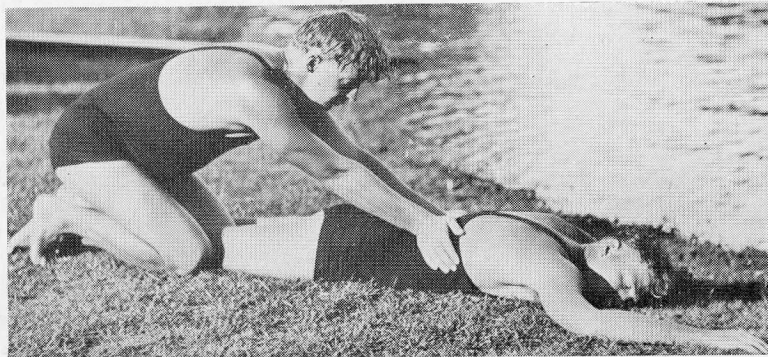
Summer Means Water Safety

Memorial Day is opening day at most of our state parks and public playgrounds . . . summer is here and so is another season of aquatic sports. Like thousands of other Americans, you and your family probably find water sports an attractive feature of each summer's recreational program—but, nevertheless, your life is in danger everytime you go near the water.

On an average, 7,500 persons lose their lives each year by drowning, and many thousands more experience "near drowning" accidents. On the basis of these figures, furnished by the American Red Cross, anyone who indulges in one or more forms of water sports should be well equipped with a thorough knowledge of water safety; and from the standpoint of water safety, everyone participating in water sports — whether it may be swimming, rowing, canoeing, sailing or

motorboating — should be familiar with the contents of the American Red Cross manual on "Life Saving & Water Safety."

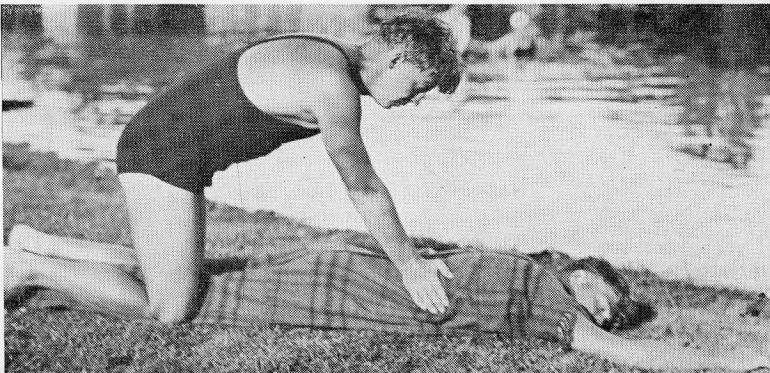
In thousands of cases of "near drownings" artificial respiration is responsible for saving many lives. The illustrations, pictured below, demonstrate the standard technique of artificial respiration as outlined by the American Red Cross. For a complete description, however, the manual mentioned above should be consulted.



Left—First position in applying artificial respiration is demonstrated. Victim is placed in a prone position with one arm extended directly overhead, the other arm bent at elbow, face turned outward and resting on arm or forearm, so that the nose and mouth

are free for breathing. Person giving artificial respiration kneels, straddling victim's thighs, and places palms of the hands on small of the back with fingers resting on the ribs, the little finger just touching the lowest rib, with the thumb and fingers in a natural position. (Photo Copyrighted 1937, and reproduced by permission of the American Red Cross.)

Right—As soon as possible the victim is covered with blanket to conserve body heat. Artificial respiration continues through covering as rescuer swings slowly forward from first position. Arms are held straight as the weight of body is gradually brought to



(Continued on Page 19)

Spanish-American War Veteran



Pictured at left, Harry M. Walton, Sr., is one of Scintilla's two Spanish-American War Veterans. Mr. Walton, who has been with Scintilla 19 years, at the present time is employed in Department 99.

During the Spanish-American War he was stationed at Fort Totten, Long Island, where he helped build underwater mines. Serving in the army a total of three and a half years, he was a member of the United States Army Engineers. He is now a member of Barber Camp No. 3 of the United Spanish War Veterans, located in Binghamton.

Also a veteran of the Spanish-American War, is Roy Reynolds, now employed in Dept. 32. However, at the time this issue was ready to go to press Roy was ill, and we were unable to reach him for an interview.

S is for **SIDNEY**, home of **SCINTILLA** . . . manufacturers of products of **SUPERIOR** quality.

C is for **COMPETENCE** and skill in manufacture . . . easily proven by our **CONTRIBUTIONS** to the mastery of the sky.

I is for **IGNITION** equipment of the finest . . . **INTEGRITY** and **INTEREST** on the part of all Scintillites.

N is for the **NAME** Scintilla has made for itself in peace and war . . . a **NAME** we can well be proud of.

T is for **TENACITY** . . . the determination to stick to a job, and to make every day a day of progress.

I is for **INITIATIVE** to take the lead, and to keep our products on top . . . **IMAGINATION** and the **INCENTIVE** to keep going.

L is for **LOYALTY**, one of the most important qualities of all . . . also for the **LINKS** we have forged in the chain of progress.

L is for the **LEAD** we'll take in the future . . . also for the **LAUDABLE**, praiseworthy achievements of the past.

A is for **ABILITY** . . . trained minds and skilled hands, working together to produce better products in a better world.

WATER SAFETY (from Page 18)

bear upon the the victim. At completion of forward swing the shoulder should be directly over the heel of the hand. This operation should take about two seconds. To accomplish the third position, rescuer swings backward, removing pressure completely. After two seconds, forward swing is completed again, the double movement of compression and release being repeated twelve to fifteen times a minute so that a complete respiration takes place in four or five seconds. (Photo Copyrighted 1937, and reproduced by permission of the American Red Cross.)

THE WEATHER . . . weather you like it or not

The weather . . . weather you like it or not . . . is an integral part of our daily existence, and although the weatherman cannot adjust weather conditions to suit our individual needs, he can forecast the weather a day or two ahead with considerable accuracy, thus enabling us to plan our activities accordingly. Everyone depends upon the weather, but few realize the importance of determining weather conditions in advance.

In the field of aeronautics and air transportation weather information is invaluable to the airlines for safety and efficiency in operation. However, many other forms of transportation, including the railroads and express trucking lines, use the weather forecast as a daily guide in protecting the shipments they carry. On the basis of these forecasts proper preparations are made for the protection of perishable products.

To the fruit grower a forecast often means the difference between success and failure. Frost warnings in the fall mean that it is time for the cranberry growers to flood their bogs as a protection against cold weather. And in a similar manner numerous other crops are saved each year by smudging or other measures.

Applied to cities, the weather forecast serves as a warning notice to fuel gas and electric plants when a cold wave is indicated. Such utilities make preparations for increased demands whenever there are indications of unfavorable weather. Work on concrete construction comes to a halt, and the merchants advertise cold weather articles. Automobile owners protect their cars with anti-freeze solutions, and at the first sign of heavy snow, highway maintenance crews group their snow removal equipment.

Weather forecasts are also extremely valuable to certain manufacturing processes where changes of temperature, moisture or weather elements are likely to affect the quality of the product.

Since 1870, when Congress authorized the Secretary of War to organize a meteorological service, the techniques of weather forecasting have advanced considerably. Today weather forecasting is a highly scientific process, utilizing such instruments as the radiosonde which is used for measuring atmospheric pressure, temperature and humidity above the ground. Other types of upper air observation are obtained by small pilot balloons.

In addition to its general public service which provides daily bulletins and forecasts for business, commerce, industry and the public, the Weather Bureau provides such special services as airways weather service; weather information service for overseas and foreign air transport; weather services for agriculture; climatological service; river and flood forecasting service, forest fire-weather warning service; and hurricane and storm warning service.

Research has led to modern studies in three-dimensional meteorology, and in the future will provide further extension of weather forecasting services.

Form SC 210-A

Please Acknowledge
Receipt of Order at
Once Upon Card
Enclosed.

ORIGINAL

ORDER

SCINTILLA MAGNETO CO., Inc.

SUBSIDIARY OF

N^o 9743

AMERICAN BROWN BOVERI ELECTRIC CORPORATION

Sidney, N. Y., U. S. A., Oct. 5, 1928

This Order Number
Must Be Placed on
Each Package.

TO Deyo Oil Company
City

Please furnish this Company with the following articles, subject to conditions given on back of order.

CONSIGNEE TO
"SCINTILLA MAGNETO CO., Inc."
SIDNEY, NEW YORK

If shipped by freight, route for New York, Ontario & Western R. R. delivery.
Ship This Order By *al*

Quantity	Description	Price
1 Ebl.	<i>Beacon</i> Becco Penn. Medium	

The purchase order shown at the left will soon be eligible for a 20 year Service Emblem Award. Dated Oct. 5, 1928, it was recently unearthed by Herb Sommerville, Shipping Dept., in a thorough housecleaning of his desk.

Picked Up in Passing...

● **THINGS WE LIKE ABOUT MAY:** Trees in Sidney getting that "lacey look" once again as they bud and begin to fill out with green feathers . . . peepers (millions of them) breaking Winter's long silence with a serenade to the night . . . lilac time and apple blossoms . . . the smell of fresh earth churning beneath the blade of a plowshare . . . the colorguard of a Memorial Day parade . . . fishermen's camp fires glowing brightly on the banks of the Unadilla at night . . . dandelions poking their fuzzy, yellow heads above people's lawns . . . "woodchuckin" on the side hills with a .22 . . . the patchwork quilt effect you get gazing into the valleys from a high hill . . . and red-winged blackbirds flitting across meadows of inch high greenery.

● *Now that we've taken time to jot down all the things we like about May we might as well add a few things we don't especially like—such as weepy week-ends when the sky just seems to open up and pour . . . not being able to get outside on the really nice days . . . days when the temperature takes a sudden drop to 30° . . . and Spring cleaning.*

● **Milton Reynolds,** the pen manufacturer, broke the record last month on his trip around the world with the "Bombshell," and at the same time came out with a new ball pen—"The Reynolds Bombshell." So far we haven't decided whether the pen was developed to promote publicity for the flight, or whether the flight was undertaken to publicize the pen . . . one of those modern mysteries of advertising, no doubt.

● *We've just discovered that the power mower serves a double purpose . . . it not only clips Scintilla's lawns to the level of a G. I. haircut, but also has the annoying habit of jarring us to our senses every time it roars past our open window in mid-afternoon on a warm Spring day. Someone should invent a silencer for those "mechanical scissors."*

● **NOTES IN GENERAL**—New employee handbook, "You and Your Job," being circulated this month . . . Scintillites on the office force again using the outside promenade between Personnel and the East Time Clock area . . . H. L. Cook, Training Supervisor, hospitalized since the first part of May . . . Maintenance men readying the electric fans in preparation for summer's first hot blasts. R. C. Dawson, Safety Inspector, featured on the centerspread of a new racing magazine which made its debut this month . . . T. Z. Fagan, Advertising Manager, married this month to Mrs. Margaret MacPherson, Bronxville, N. Y. Congratulations and best wishes!

● **INSPECTION**—Cliff Pratt and Bob Felske flew their new Republic, four-passenger See Bee to Long Lake recently, and visited the Ed Mulwaynes . . . Max Miller was in Laurens recently, instructing the Laurens firemen in the use of their new fire engine.

● **DEPARTMENT 6**—Vaccinations and fishing appeared to be among the chief topics of interest with the Material Controllers early this month—conclusions: no serious casualties from the inoculations and not too many casualties among the fish . . . The Animal Kingdom was chief runner-up: Gladys Walker describing the activities of her pet rabbit who enjoys riding in the family car; Peg Joyce promising to bring in photos of her cocker spaniel "smoking" his pipe and wearing goggles; the birth of 5 kids to Caroline O'Connell's pet doe causing much interest and conversation . . . Over in Tabulating, Richard Warring and his gang offered congratulations to Thelma Hodges on her May marriage to Don Baldwin, Dept. 27 . . . Mrs. Anne French saying farewell to her co-workers and IBM keypunching machine in favor of the domestic scene.

● **SCOOP FROM DEPT. 100:** Jake Schroh's expenses over one week-end increased a few unexpected dollars. His foot got a little too heavy on the accelerator down around Esopus. Too bad, Jake . . . Anyone have a spare adding machine? If so, donate it to Harriet Birdsall—she's getting tired of counting on her fingers . . . Sammie Nader is announcing the baseball games at Oneonta now. His goal is NBC next year . . . P. Allen, after he masters his driving, will enter the State Amateur Golf Tournament. We understand A. Kelly will accompany him as his caddie . . . Just found out that N. Nader is a strawberry grower. Wonder who will grow the larger berries—Jake or Nate?

● **HERE AND THERE:** Champagne corks popped in tune with the wedding bells on April 26th when Lucille Parker became Mrs. Gordon Cushman. Congratulations, kids.

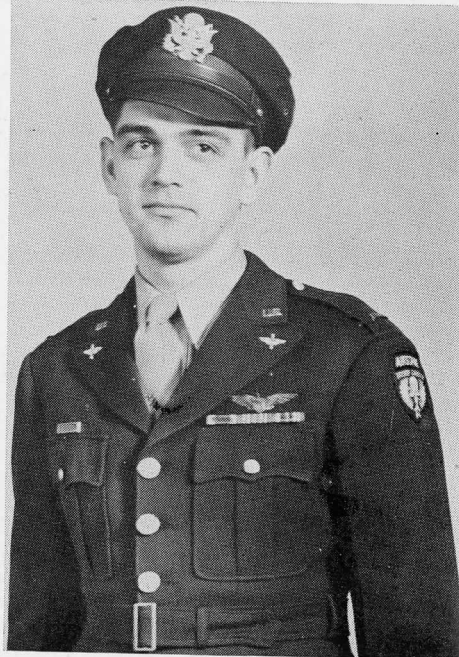
AMERICAN BUSINESS SPROUTS WINGS

American business is sprouting wings. Many premium goods such as shrimp, lobsters, fashion merchandise and household furnishings today are being shipped via air in ever increasing quantities, and although regular air freight service was first introduced by American Airlines barely more than two years ago it is already definitely out of the novice category.

Today seventeen domestic airlines, including Caribbean and Hawaiian, are flying regular routes of more than 75,500 miles total length, from coast to coast and border to border, engaged in the business of transporting an increasing variety of commodities that are sprouting wings. Producers, shippers and consumers consider cargo via air a vital link in the transportation field.

Air freight rates have plummeted during the past two years and today run as low as 11 cents per ton-mile for bulk loads among the scheduled airlines. Many economies are made possible in the shipment of certain products through the reduction of shipping weights.

Typical of many economies realized through air freight service is the shipment of shrimp. Non-refrigerated packages of Gulf of Mexico shrimp are flown to Northern markets at a 50 per cent saving in gross shipping weight, com-



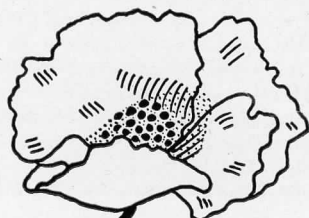
Burton Cook, formerly an employee in the Service Dept., is now a 1st Lt. in the Army Air Forces. Following his reenlistment last month he was assigned to an Aircraft Warning School in Florida.

pared with conventional icing methods. This is made possible through use of an insulated shipping box with a fabricated innerliner of pliofilm.

In a similar manner the shipping weight of live lobsters, flown from Maine to New York City, is cut considerably through elimination of the shipping barrels, ice and seaweed.

However, air freight service is not confined to table delicacies alone . . . it is equally adaptable to numerous types of merchandise. For example, garments on hangers recently have been flown from New York to stores on the West Coast at a daily rate reaching as high as 10,000. The advantages of speedy delivery, elimination of packing and unpacking and the necessity for pressing the apparel at the point of destination outweighed the higher differential cost of five cents a pound.

Further proof of the economy of air cargo in the merchandising field is the fact that leading mail order houses are leaning more and more on the wings of air freight for their deliveries.



WEAR A
V. F. W.
"Buddy"
Poppy
MEMORIAL DAY

Scintilla Sports

Softball!
Fishing!
Bowling!

Final plans for Scintilla's 1947 Softball League neared completion this month with election of officers and formation of teams keynoting league developments.

Six teams, captained by R. Halbert, A. Donaloio, M. Plankenhorn, R. Voltz, W. Latus and N. Love, will compete for the 1947 "Winner's Trophy" which will be awarded by Curley Aikens to the winning

team. Teams are scheduled to play once every week, and under league rules are limited to 12 players. Community Center equipment will be used, but to meet any necessary expenses each team will be required to deposit \$6.00 as an entry fee.

Henry Provenzon and Howard Osborn will supervise all league play. Formation of the league was handled by R. C. Dawson.



Larry Shields, Dept. 42, displays the fruits of his efforts on opening day. Averaging 11 inches, the trout were taken in Delaware Co.—just where, Larry didn't say.



Aiken's Sport Shop bowlers, league champions, were caught in a jovial mood by our photographer during a recent match with a Utica team. Standing l. to r.—Ken Truhn, Richard Halbert, Karl Woytek, Don Cumber and L. Wyss. Seated—Curley Aiken, sponsor and team manager.

BARTER COLUMN

FOR SALE: Child's play gym set; also hand garden cultivator. H. Sines, Dept. 35, 1st shift.

FOR SALE: Small Montgomery Ward washing machine, very good condition. Also Argus enlarger in excellent condition. J. DeTemple, 8-1831, 233 Bird Ave., Sidney.

FOR SALE: Pot burning oil stove, just right for Summer cottage on chilly nights. Contact 92-1236, 1st shift.

FOR SALE: Univex 8mm movie camera, Keystone 8mm projector. 8mm and 16mm film splicer. Very reasonable. Harold H. Mattice, 98-1023, 56 Beal Blvd., Sidney.

FOR SALE: Four used tires, size 600x16, two in very good condition. Also 50 gallon oil barrel with new faucet. 84 River Street, Sidney.

WANTED: Used 8mm movie camera and projector. Ray Henley, Fuel Pump Engineering.

FOR SALE: Several good building lots at East Guilford, 4 miles from Sidney. Also antique clock and old oil lamp with chandelier. Glenn Rice, Inspection, 1st shift.

FOR SALE: Locust fence posts. V. Laidlaw, Inspection, or Delancy, N. Y.

FOR SALE: Wood lathe, \$10.00; two 2-burner gasoline camp stoves, \$2.00; one 2-burner gasoline stove with splash back, \$8.00; one ice box with cooler, \$20.00; one 250 watt, 110 Volt light plant, \$50.00; one baby swing, \$2.00. S. W. Scutt, 12-1353, or 216 Johnson Circle, Sidney.

WANTED: Two studio couches or day beds. S. W. Scutt, 12-1353, or 216 Johnson Circle, Sidney.

FOR SALE: Extra photography equipment consisting of 2 1/4 x 3 1/4 Solar enlarger with 5 inch F6.3 Wallensok lens; Argus 35mm enlarger; Argus C3 35mm camera, case and flash; 9 x 12 CM Voigtlander camera with F4.5 anastigmat lens, case, filter holder, telefoto lens and film holders; safe light and other dark room equipment. Bob Stafford, Inspection, or Phone Morris 38.

WANTED: 7 x 7 wall tent. E. J. Murphy, Dept. 88, or Phone 80F11, Morris.

Clerk: "Yes, sir, that medicine sure is powerful. Best stuff we have for the liver."

Customer: "Well, can you give me any specific references? I mean people who have taken your medicine with good results."

Clerk: "Well, there was an old man living next to us who took this medicine for three years."

Customer: "Does it help him?"

Clerk: "He died last week, but—"

Customer: "HMMMMMMMMMM."

Clerk: "But they had to beat his liver with a stick for three days before they could kill it."

He: "Why did you quit your job?"

She: "The boss was so bowlegged I kept falling through his lap."

She (to the house painter): "Painter, are you working?"

Painter: "Yes, ma'am."

She: "I can't hear you making a sound."

Painter: "Perhaps not, ma'am, I ain't putting the paint on with a hammer."

Lady in Restaurant: "Why don't you shoo your flies?"

Proprietor: "Well, you see, it was hot today so I thought I'd let them run around barefooted."

Guest: "What a pretty name your maid has!"

Hostess: "Oh, that isn't her real name. We just call her Dawn because she's always breaking."