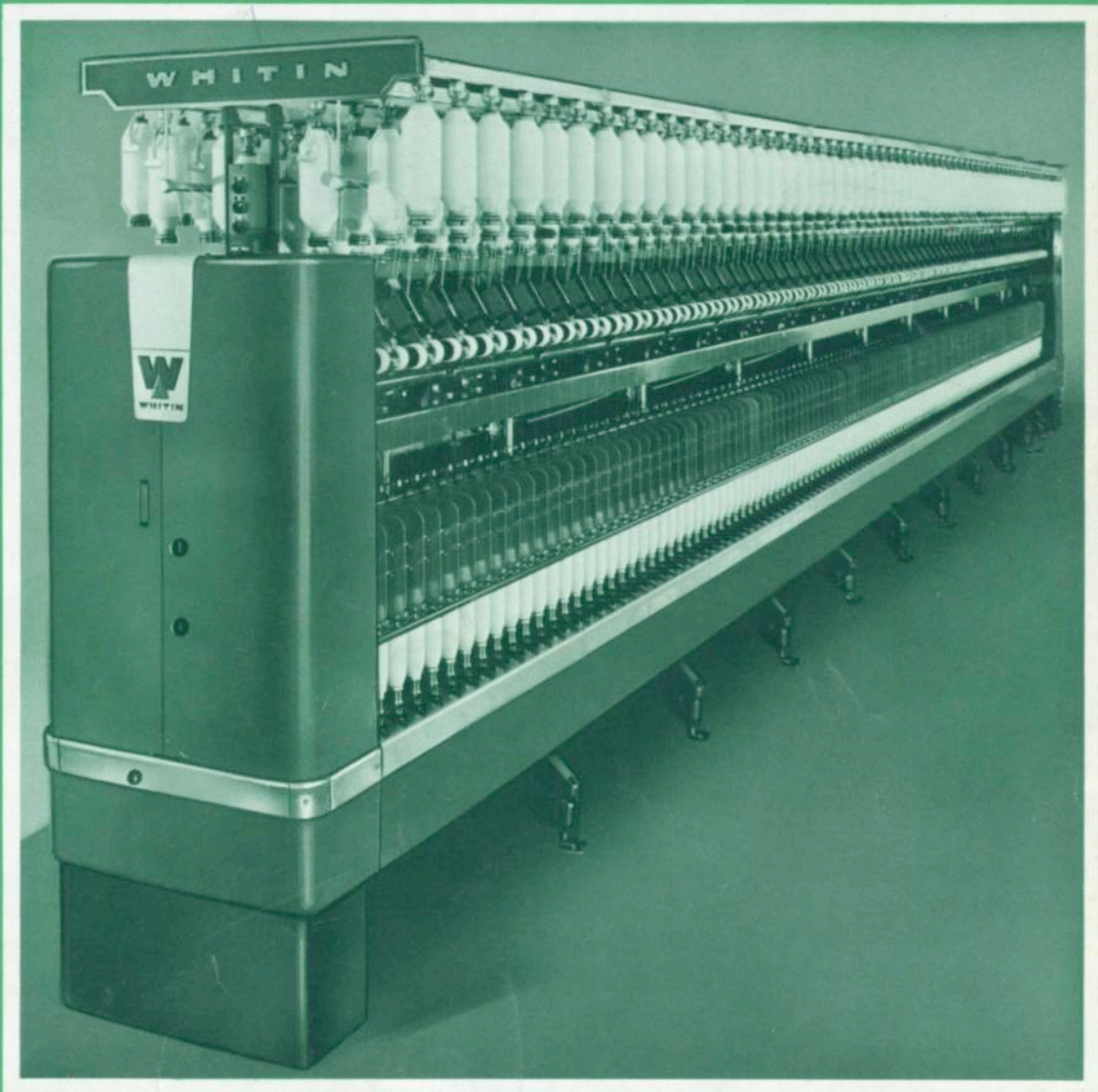


TrajNet

THE WHITIN
Spindle
September-October 1958



PIEDMONT

The World's Most Advanced Spinning Frame



Familiar Faces

Around the Plant



Evans Bedigian, Parts List analyst, lives in town with his wife Martha and their two sons. He has been a Whitin employee since 1939 and his hobby is golf



Wilbert McGaw, machine designer in Engineering, has been with Whitin 21 years. He has a nine-month-old son and lives in Farnumsville with his wife Flora



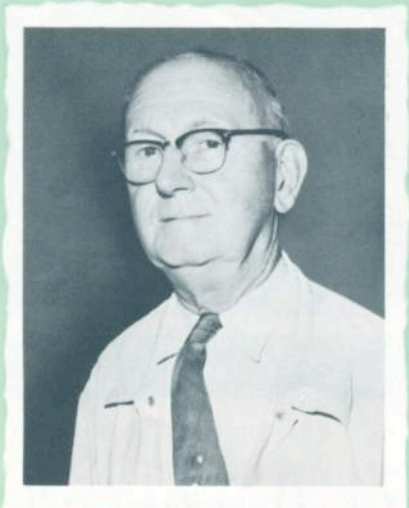
Eva Dumas, Torrey Road, Sutton, is a tracer in Engineering. She has a married son, a grandson, and a granddaughter. Her favorite pastime is growing flowers



Miss Bertha Ledue, 20 Fletcher Street, Town, has been with Whitin since 1944. A member of Production she works in Stores-room 16. Her hobby is gardening



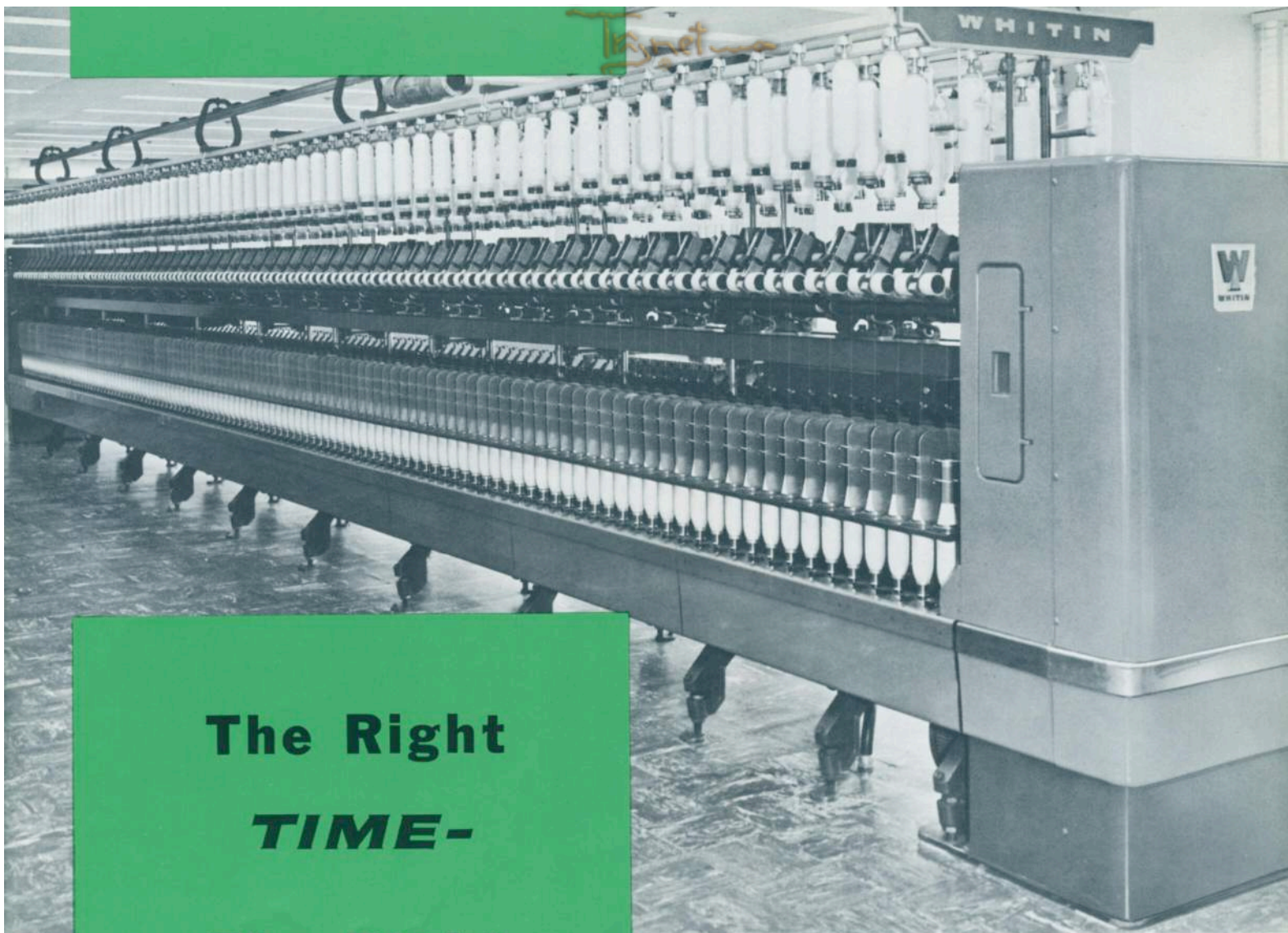
Chester H. Youngsma, 454 Church Street, town, is a bachelor who enjoys reading and writing letters. He works in Storesroom 5 and has been with Whitin 21 years



Bernard Roddy, group leader and Spindle Reporter on the Flyer Job, lives in North Smithfield. He has been with Whitin since 1931. He has 3 daughters and a grandson



Ernest Kooistra, jigmaker in Department 454, has been with Whitin since 1933. He and Gertrude have 2 sons and 2 daughters and live in a house they own in Uxbridge



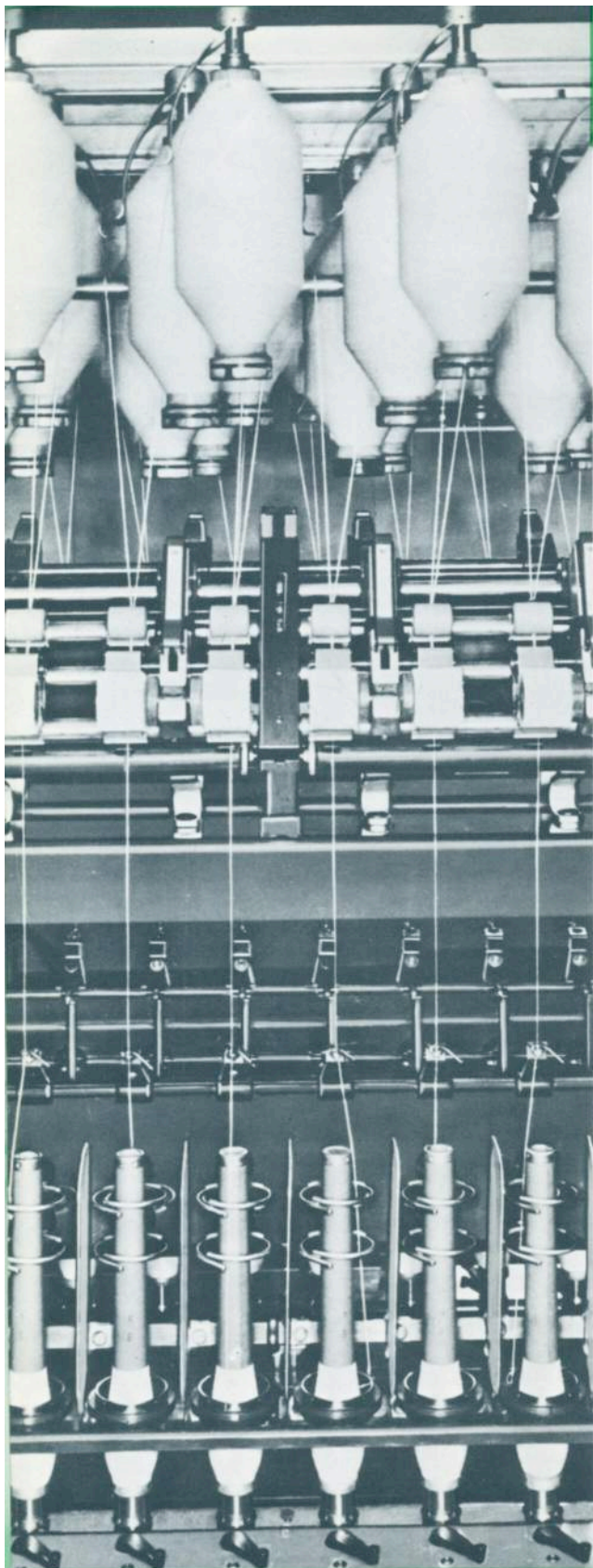
**The Right
TIME-
The Right
PLACE-
The Right
PRODUCT!**

INDUSTRIAL success comes only to those with managerial leadership, having foresight and courage. At this time, despite a somewhat lengthy depressed condition in the textile industry, the Whitin Machine Works is announcing a dramatically new machine, the **PIEDMONT** Spinning Frame. Several other important new developments are nearing completion in the Research Division and will be presented to the industry shortly.

Development of new machinery requires long range planning and heavy investment in research and in preparation for production and involves carefully detailed planning for its presentation. It is hoped that these new machines will be attractive to mills because of their improved performance and profit-making capacity for their purchasers.

In the textile world the name of Whitin is highly respected, for Whitin has a world-wide reputation for producing only the finest in textile machinery. Therefore, when Whitin's new Spinning Frame is unveiled

Above: From any angle the Piedmont is attractive. The new frame, shown here from the foot end, produces more and better yarn than that of existing Spinning Frames yet it is only 27" wide. Those who make parts for the Piedmont may take pride in their work for this is the best Spinning Frame on the market



One of the many striking features of the Piedmont is straight line spinning with the balloon formation controlled by two rings. This produces a smoother yarn with better twist distribution

for public showing at both the Greenville, S. C., and Manchester, England, expositions in October, it is expected to attract much attention.

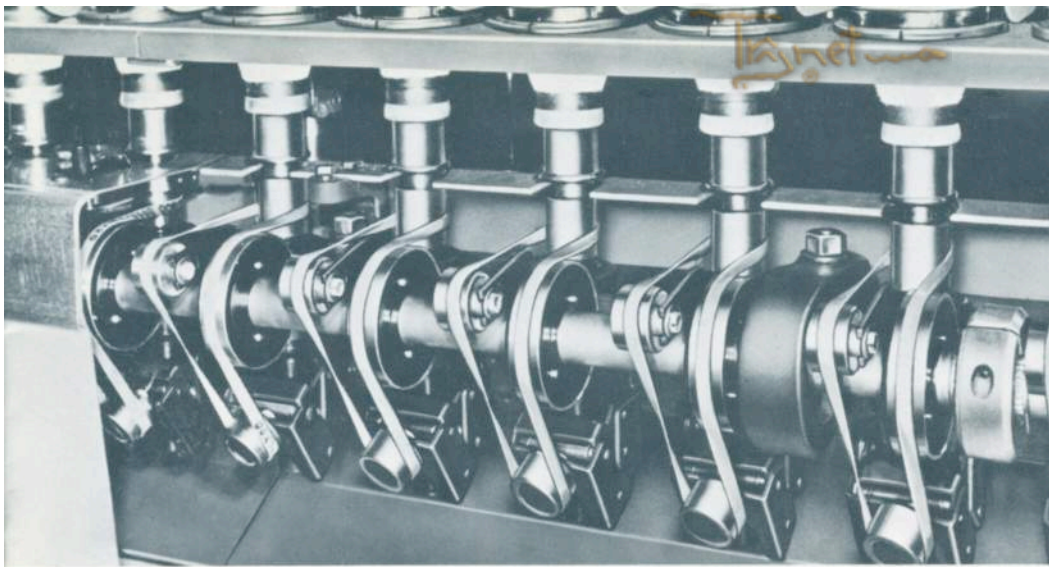
This Spinning Frame has been under development for five years and under secret mill tests for a year. The results of these tests in the mill and in the Research Division, indicate that Whitin has another machine in which its employees can take pride in building because it will be the best Spinning Frame on the market.

For sales purposes, the Spinning Frame has been named the Piedmont in a salute to the busy textile region of the southeastern part of our country. This new machine has every advanced element in textile engineering and spinning technology, including many new features never available before. The sleek styling of the Piedmont by the renowned Raymond Loewy Associates makes it a machine which is striking in appearance. Tests have proved that the new frame is simple to operate, virtually foolproof, and easily maintained.

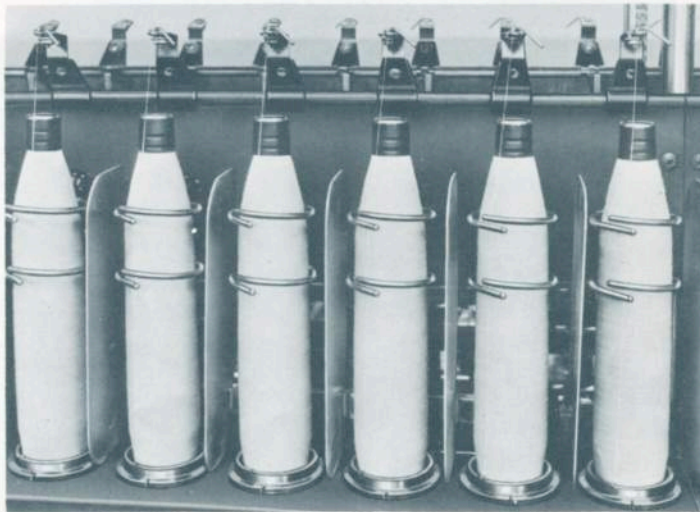
Therefore, Whitin has embarked on the most vigorous advertising and promotional campaign in the history of the Company. In addition to regular advertising agency assistance, Noyes and Company of Providence have been retained as public relations consultants to work with Whitin's Advertising Department. A 15-minute sound and color film has been prepared to assist our agents and salesmen. Mill men and editors of trade magazines have been invited to special showings of the Piedmont. Press releases have been sent out. Component parts books and technical manuals have been written. Lastly, four-page color advertisements have been inserted in every major trade publication. To the prospective buyer of Spinning Frames, these promotional devices will spell out the many sales points and features of the Piedmont, including such details as: individual spindle drives; and over-all width of only twenty-seven inches; straight line spinning with balloon control; enclosed motor, gearing, builder, and traverse mechanisms; and a simplified draft constant system together with Super-Draft and Unitrol. A unique Pneumakool system, developed in conjunction with Pneumafil Corporation, is built into the foot end assembly to reduce heat and to exhaust heated air.

It is hoped that this vigorous and many-sided sales campaign will persuade mill men to investigate the advantages offered by the new Whitin Piedmont. Those who investigate will find not a redesigned machine but a completely new Spinning Frame which will handle cotton, synthetics, and blends up to three inches in length.

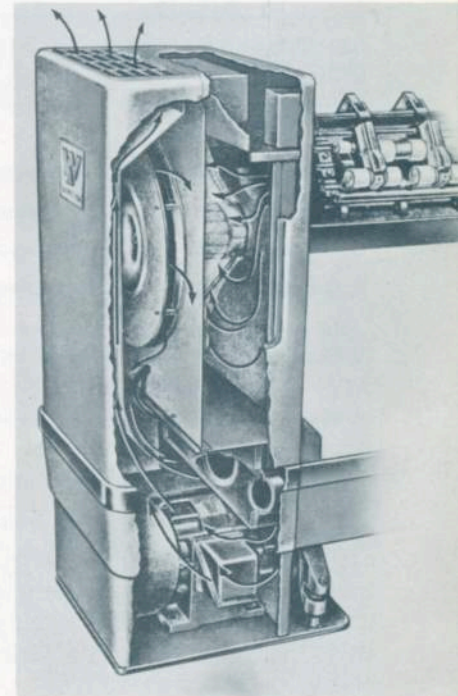
Never before has the industry been offered a single machine so ideally suited to the needs of its time yet incorporating in its design so many advanced features to augment its value in the future.



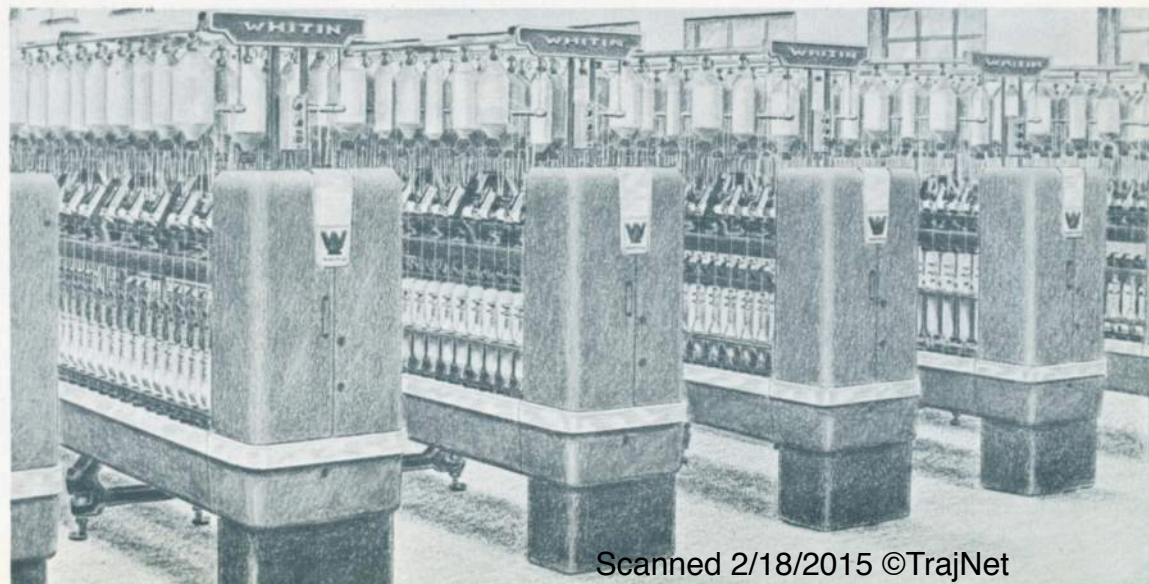
The new spindle drive is a most interesting feature, for each spindle is individually connected to the drive shaft by an easily applied, small, tough, endless belt. This greatly simplifies the maintenance problems, eliminates other problems, and produces better yarn



Available in either 3½" or 4" gauge with traverses up to 12", the Piedmont reflects the ultimate in Spinning Frame design. This closeup shows the large package, with the balloon control rings near the top of the traverse



The Pneumakool system in the foot end exhausts the motor heat upward so that the humidity conditions near the foot end are not affected



This is an artist's conception of an installation of Piedmont frames closely arranged to save floor space. This is practical with the 27" Piedmont because the design of the machine prevents the formation of excessive air currents which formerly made such an arrangement impractical

TrajNet

THE WHITIN Spindle



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LET'S FACE IT

If a company is to remain strong and healthy, particularly during a recession, it must hold down operating costs. This we are attempting to do through a program of stringent cost control.

The task is not easy. It is doubly difficult in the face of the rising cost of doing business that confronts industry everywhere.

The success of our current efforts depends upon how well each of us cooperates. In keeping with this program the Whitin SPINDLE will be published every two months instead of every month.

This is the first combined issue, and it will cover the months of September and October.

FRONT COVER: Pictured is the new WHITIN PIEDMONT Spinning Frame which is being introduced to the textile trade for the first time at the Southern Textile Exposition in Greenville, S. C., in October. The new PIEDMONT combines many recent technological advances with styling by Raymond Loewy Associates, world-famous industrial designing firm. Story starts on page 3.

Whitin Personality

AS SOON AS YOU HEAR the voice of Foreman Ben Scott of Department 448A, you know he is a native of Scotland. Born Benjamin Gibb Scott in Marykirk on April 24, 1891, he came, complete with Scottish accent, to the United States in 1913 at the age of 22. It is not surprising that today affable Ben is chieftain of the Order of the Scottish Clan in Whitinsville.

Ben, who had started school at the age of four, began work at the age of twelve carding in a jute mill. "Jute is a fiber something like the fiber of sugar cane," Ben explained. After a variety of other jobs, he worked on marine engines at the Caledonia Shipbuilding Company. During this time he was for four years a member of the Territorials, the British equivalent of our National Guard. He served with the third battalion of the 42nd Royal Highlanders, better known as the Black Watch.

In 1914, one year after he came to this country, Ben and the former Anne Jane Gellatly were married. The Scotts moved to Whitinsville, where they now live at 14 Forest Street, in order to be near relatives.

Once, three years ago, he returned to the old country where he visited his parents and two of his sisters. Another sister and brother live in Australia.

Ben's work at Whitin began in 1913 on the Card Job. After transferring in 1914 to the Spinning Floor, he received steady promotions. He was appointed supervisor in 1925, assistant foreman in 1942, and foreman in 1947.

Ben's interests include home carpentry, photography, soccer, and baseball. "I've liked baseball since the day many years ago when I watched "Home Run Baker" play with Philadelphia. Connie Mack and the Athletics were always my favorites, and I still like them although Connie Mack is no longer with them and the club has moved to Kansas City."

Apprentices

GRADUATE AT WHITIN

A heartening note of confidence in the future was sounded by E. Kent Swift, Jr., First Vice-President of the Whitin Machine Works, in the principal address delivered at the seventh annual graduation exercises of the Whitin Machine Works Apprentice School, August 12. Speaking to the graduates, guests, and members of the Apprentice School, he reviewed the business cycles experienced by the Company in its 127 years of manufacturing. He discussed the present depressed business conditions in the textile industry and told of Whitin's efforts to secure additional business. He spoke about the new textile machines on the drawing boards, under trial, and entering production. He also indicated that the Company would continue to seek additional non-textile machines for manufacture.

Pointing out that these new machines would be built to even more exacting tolerances than the machines built by the Company in the past, he stressed the importance of the Apprentice School in the Company's plans for the future. "Skilled craftsmen will be needed to build these machines," said Mr. Swift, "and the Apprentice School is one of the best sources of such craftsmen." "Graduates of the Whitin Apprentice School," he continued, "are outstanding because of the careful manner in which they are selected and trained. One out of six applicants are chosen for apprenticeship training and those selected receive an education based on a combination of classroom and on-the-job training over a period of four or five years." At the conclusion of his remarks he presented Whitin certificates to six new journeymen.

The graduates represented a variety of skills: Donald F. White, Whitinsville, molder; Roland A. Wilson, Whitinsville, metal pattern maker; Nelson I. Bartlett, Millville, wood pattern maker; Gerard Roy, Whitinsville, die sinker; Theodore S. Widor, Woonsocket, draftsman; and John Greenlund, Woonsocket, draftsman.

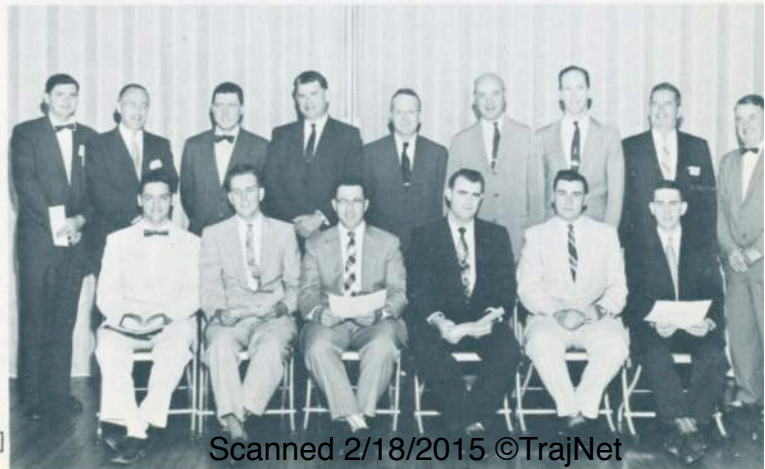


Apprentice graduate John Greenlund, on the left, receives his Whitin certificate and the congratulations of E. Kent Swift, Jr., upon successfully completing his training as a draftsman

These new journeymen also received state certificates from Hubert L. Connor, Director, Massachusetts Division of Apprentice Training, Department of Labor and Industries. Mr. Connor lauded the Whitin program as unsurpassed in the Commonwealth. He pointed out that in the future industry will need more and more craftsmen and expressed a wish that other industries follow the Whitin example.

The Whitin Machine Works' Apprenticeship Committee—Erik O. Pierson, Works Manager; Hamilton Thornquist, Director of Industrial Relations; John H. Cunningham, General Superintendent; and John C. Baker, Director of Apprentices—had among its invited guests Ernest Sies, State Supervisor of the Federal Bureau of Apprenticeship and Training; Martin Salmon, Federal Apprenticeship and Training Representative; and John Carroll, Field Representative, Division of Apprentice Training, Department of Labor and Industries.

Seated are the new graduates, from the left: Nelson Bartlett, John Greenlund, Gerard Roy, Donald White, Theodore S. Widor, Roland A. Wilson. Standing from the left: John Carroll, Ernest Sies, Hamilton Thornquist, Erik Pierson, E. Kent Swift, Jr., John H. Cunningham, Jr., John C. Baker, Hubert Connor, and Martin Salmon



Whenever Man Turns Fibers into Yarn

a wide variety of highly specialized machinery is required to accomplish this complicated process. For generations, Whitin has been engaged in supplying these machines to textile mills in all parts of the world. The position of leadership in this field that Whitin reached over a century ago and maintains today is based on its policy of "Progress Through Research." Today, Whitin manufactures a complete line of preparatory machinery for processing practically all fiber, both natural and synthetic.

CHAPTER IX . . .

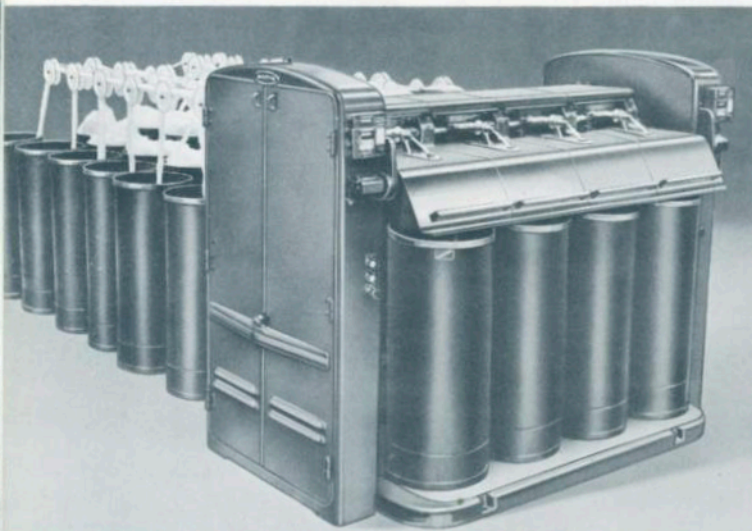
THE AMERICAN SYSTEM

ONE of the most dramatic changes which has taken place in the textile industry in recent years was brought about through the development and introduction by Whitin of the "American System."

The Whitin American System, which is now a registered trade-mark of Whitin, consists of a completely new machine called the Roto-Drafter followed by an especially designed Roving Frame known as the Quik-Set and the American Superflex Spinning Frame.

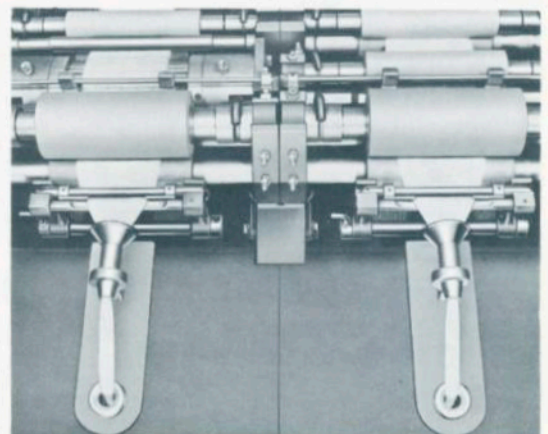
On this series of machines yarn is produced from wool, worsted, synthetic and blended fibers with less than half the processes formerly required. Not only is the system more economical but at the same time it permits the mills more flexibility so that they may process on their machines a variety of fibers.

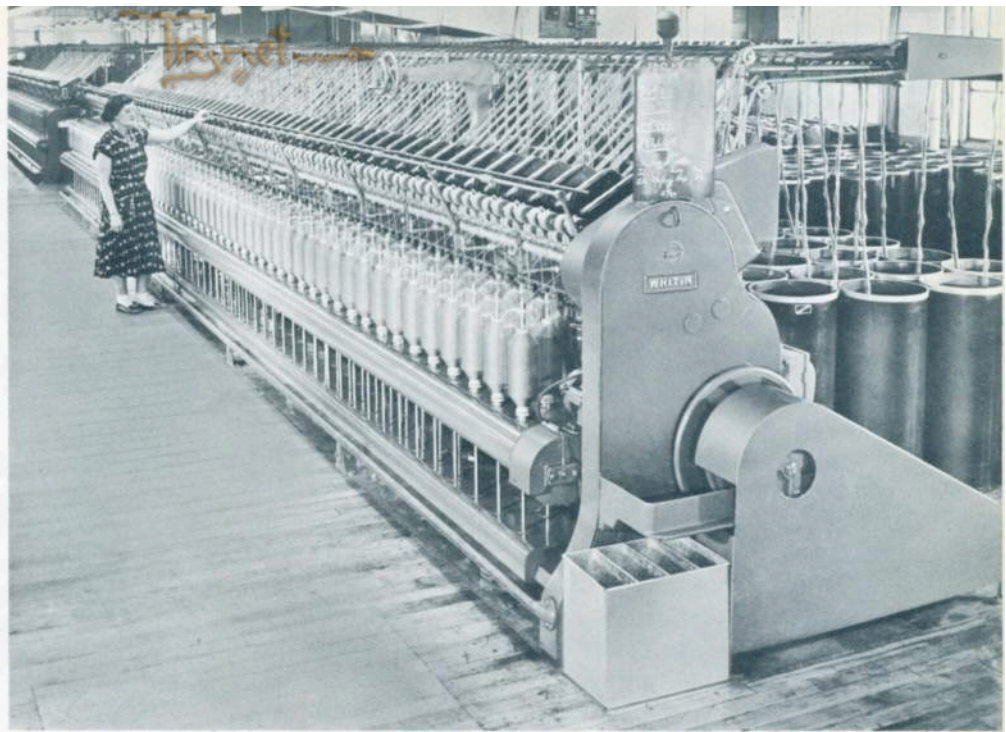
Originally there were three major classes of fibers: cotton, wool, and worsted, the latter being combed wool which had been processed by two conventional methods



The Roto-Drafter, the first machine in the Whitin American System, is similar in purpose to the Drawing Frame in that it straightens the fibers and produces a uniform sliver. Based on the pin-drafting principle, under mill conditions it has proved to be an extremely flexible machine

The flexibility of the Roto-Drafter is shown by this closeup of two deliveries. The left hand delivery is set up with pins to draw a mixture of long and short fibers. The right hand delivery uses rolls in place of the pins for use on staple of uniform length





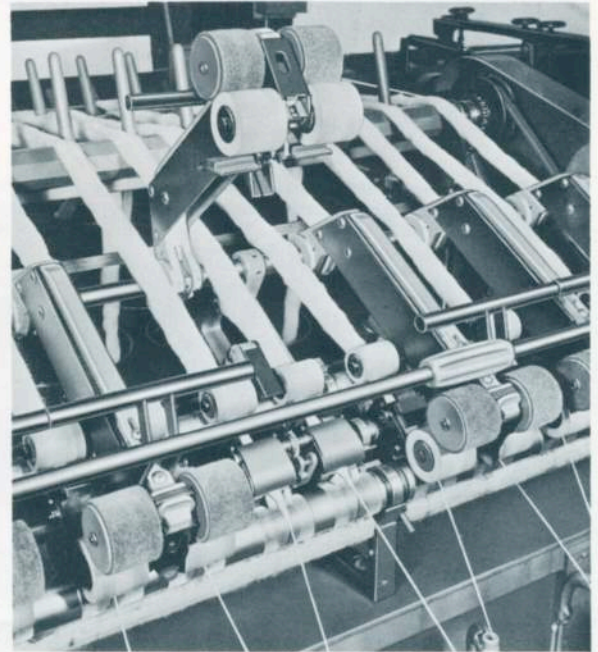
The Roto-Drafters are followed by the Quik-Set Roving Frame which in one operation processes sliver into roving. The Quik-Set, which produces high quality roving from heavy sliver, makes increased production possible

known as the French System and the English or Bradford System. To these three fiber classes a fourth had to be added, for during the 1930s the advent of synthetic fibers called for machinery which would spin synthetic fibers that had been cut into staple of various lengths.

When the new synthetics were cut to a length not exceeding $1\frac{3}{8}$ inches, they could be spun on the cotton-type machines which Whitin was manufacturing. In the period of 1936-1940 Whitin successfully produced machines for processing rayon which would handle fibers up to three inches. However, the mills soon realized that longer synthetic staple would result in different and desirable yarn characteristics. Therefore, to accommodate the mills in their desire to run fibers of greater length, Whitin redesigned its cotton-type machines to handle longer fiber lengths. This machinery for synthetics was the forerunner of the American System.

Meanwhile, up to the end of World War II, there had been little change in the domestic worsted yarn industry. French-type machines handled the shorter combed wool fibers; Bradford-type machines handled the longer combed wool fibers. Both methods used many separate machines—about nine in the Bradford system and up to thirteen in the French—and most of these machines were built by French and English firms.

So while the new Whitin machines for processing synthetics were not originally designed to compete with the French and Bradford machines, it was only natural that Whitin and the textile mills should carry on research to determine whether these Whitin machines could satisfactorily produce worsted and worsted-type



One of the many outstanding features of the Quik-Set is the top arm, a simple, sturdy, fool-proof mechanism which controls the weight on the front two lines of rolls. The center top arm in this picture has the weight relieved and has been raised; the top arms to the left and right are in operating position. Note how the sliver and roving differ in size

yarns. Whitin accomplished this task so successfully in 1947 that since then both the Bradford and French systems are fast becoming obsolete.

Although Whitin was the originator of the American System, other textile machinery manufacturers, both foreign and domestic, now build similar machines. Be-

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THE AMERICAN SYSTEM *(continued)*

cause of the development of this new system, the domestic worsted yarn industry has experienced a major readjustment. Today, nearly half the domestic worsted spindles in operation were produced by Whitin. The nearest competitor has produced less than half as many spindles.

The first of these machines used in the Whitin American System is the Roto-Drafter. This machine drafts or attenuates large amounts of long staple fibers at high speeds. Its major feature is a rotating cylinder actuating a series of parallel pin bars. Feeding from cans, the stock passes through feed rolls, pins, then front rolls, and is coiled in 12", 14" or 15" cans. The Roto-Drafter is an entirely new four-delivery machine designed for processing worsteds, synthetics, or blends so that an extremely even sliver of the proper weight is presented to the next process—roving.

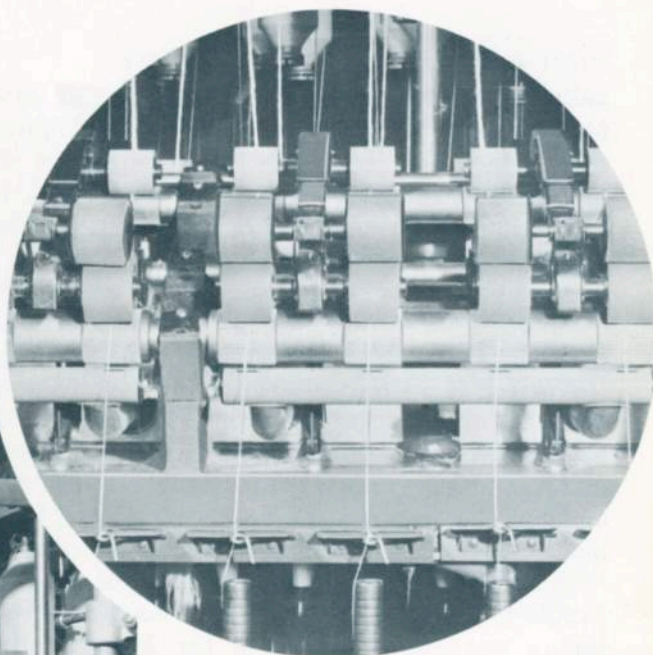
In producing yarns on the American System, the performance of the Quik-Set Roving Frame is critically important to the evenness and quality of the spun yarn. It is capable of handling heavy slivers at high speeds and at the same time it produces a very even roving which is uniform from bobbin to bobbin. One of the outstanding features of the Quik-Set is the ease with

which the drafting rolls may be adjusted to accommodate various lengths of staple.

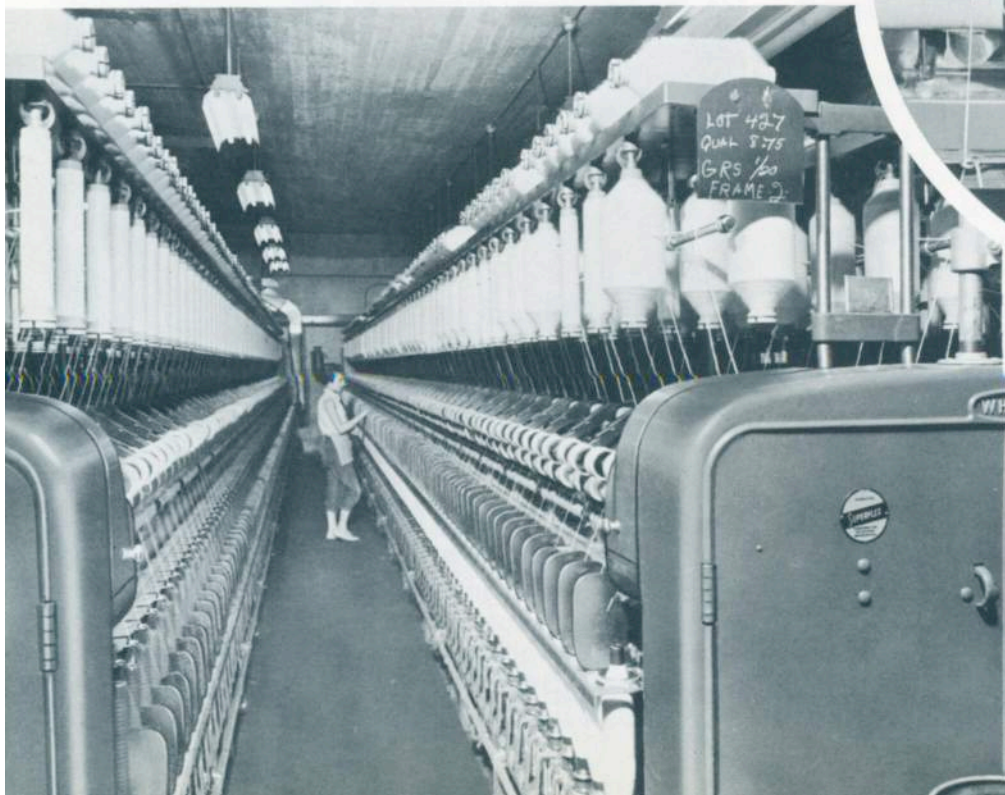
The roving from the Quik-Set is spun into yarn on the American Superflex Spinning Frame. While retaining all the basic features of the famous F2 Spinning Frame, the Superflex has many new improvements. It is a long traverse, large package spinning frame. The double-apron Long Draft System is used on this frame. The use of this proven drafting system, plus the Whitin top roll suspension and weighting arrangements and optional ratch control, on the basic spinning chassis that has proven so successful provides the industry with the finest frame available for spinning worsted, long-staple synthetics or blends of both.

The value of Whitin American System equipment is enhanced by the fact that, in today's ever-changing yarn and fabric market, the mill which can process worsted one day and synthetics or blends the next day is in a better position to meet competition.

The roving becomes yarn on the Spinning Frame. This installation of 240-spindle Whitin American Superflex Frames at Grand'mere Handcraft Company, Ltd., in Quebec is producing high bulk Orlon yarns for knitting into sweaters



The American Superflex, using the famous Whitin two-apron drafting mechanism, gives the fibers their final draft and twists them into yarn. This closeup shows the emerging yarn





Margaret Guertin shows a few of the many types of antiques she and her daughter Frances collect for daily use in their home. Among the objects on the table are examples of ironstone, milk glass, blue willow ware, lamps, and trivets

HOBBY- Collecting Antiques

Two Main Office employees, Mrs. Margaret Guertin of the Billing Department and her daughter Frances of the Purchasing Department, have as their hobby the collecting of antiques. However, unlike many collectors, Margaret and Frances use their antiques every day in their home at 2 Pine Grove Circle, Uxbridge.

While they receive some pieces as gifts from their friends, their best sources for locating antiques are auctions and antique shops. Among the antiques they have collected are ladderback chairs, a blanket chest, a Boston rocker, thumbback chairs, a dry sink, a Windsor rocker, pewter pieces, trivets, and much glassware and pottery. Among the latter are milk glass, blue willow Staffordshire, ironstone ware, antique lamps, delftware, and a chocolate set.

Margaret has been interested in this hobby for fifteen years and in the last few years Frances has become equally enthusiastic about collecting antiques. They like antique furnishings because they feel that antiques possess a charm which is lacking in modern furniture and they feel that an article which has been used for half a century or more must be of good quality. Also, through their hobby they live a fuller life. To them each search is another adventure. They never know when they might chance upon a rare and valuable antique to add to their growing collection.



Frances, who is especially fond of fine china and pewter, examines a Spode creamer. On the shelves are fine specimens of delft, pewter, and ironstone

How to S-t-r-e-t-c-h Your Heating Dollars

AMERICANS are odd creatures. Most of us keep a sharp eye on our automobiles, for example, and go to a lot of trouble to try to get an extra mile per gallon of gasoline. But we'll completely ignore the oil burner in our basement, when a little care will do a lot to improve its "mileage."

To carry the point further, the average motorist uses only about 650 to 750 gallons of gasoline a year, whereas his oil burner may consume 1,500 gallons of fuel oil a year. So even with the difference in price between these fuels, we can save money by using fuel oil efficiently.

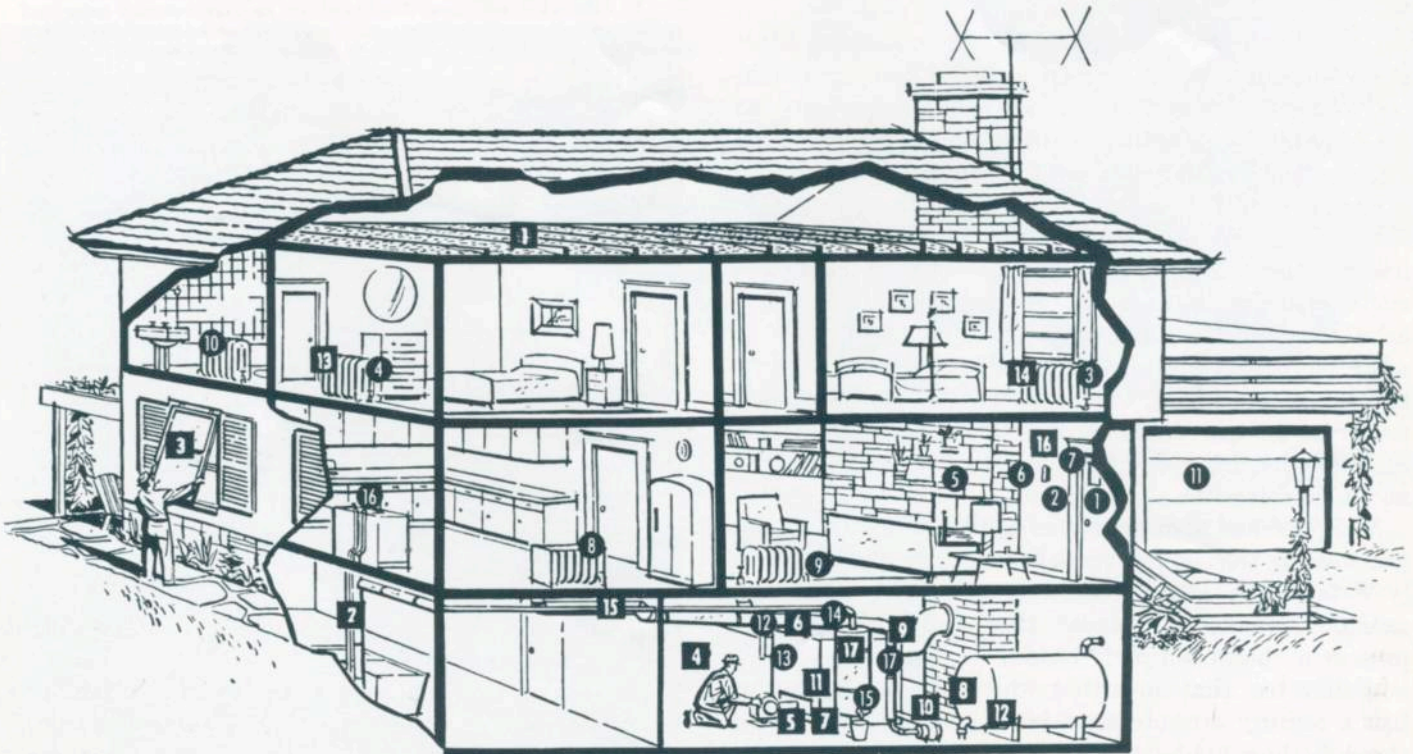
Finally, if your automobile refuses to run, you can

usually walk, hitch a ride, or catch a taxi. But if your oil burner refuses to work in the dead of winter, you're stuck.

To avoid that dire fate, and to help you get more value for your fuel oil dollar, we've printed some tips in the boxes on the next page. One box lists some of the things you can do *yourself*. The other lists some things you might ponder getting technical help on.

In the self-help department, you should understand first of all that you have to think in terms of your whole heating plant—from cellar to attic, from tank to chimney.

Start with the oil tank: Keep it filled during the "off" season. Humid air entering the vent pipe can condense



in a partly filled tank. This forms rust scales that settle in the tank, and may cause faulty burner operation. Dirt will get in through the fill pipe, too, if the cap is missing or loose.

Now look at the burner itself. Kept in good condition, it will play a major part in giving you the most for your fuel dollar.

You'll depend on your distributor or service man to adjust the burner for top efficiency. But you can help, too. If, for instance, your burner smokes, roars, or gives off odors, you're bound to notice it. Let your service man know. He may find an air regulator out of adjustment (too much air causes the roar), a worn out nozzle, cracks or holes in the furnace.

Look at the boiler, too. Is it coated with soot? If it is, you're wasting fuel. Soot is a better insulator than asbestos. You can remove some of it, but your service man should remove the soot during his summer checkup, along with cleaning and adjusting your burner.

Is your heating system—steam or hot water—distributing heat evenly through the house? Check the main pipe: If it runs through an unheated part of the cellar or under a porch, it should be insulated.

Warm-air heating systems require a close look, too. You can do much to give your house even heating throughout by adjusting the duct dampers.

Heat is always flowing out of your house—through doors, windows, walls, ceilings, and roof. Heat loss through a square foot of window glass is several times as great as through a square foot of wall.

You can't prevent this loss of heat, but you can reduce it by proper insulation. Insulating the attic floor of a house 25 x 30 feet can save up to about 200 gallons of fuel oil a year in a severe climate, or about \$25 at present prices.

Storm doors and storm windows will also reduce heat loss, but in considering these you should put the stress on comfort over savings. It will take you a long time to save enough to recover their cost—but you'll be more comfortable while you are trying to save your investment back.


It will pay you, of course, to avoid leaving doors or windows open too long. Chilled walls, ceilings, and floors take a lot of fuel to re-heat.

Check the fit of window and door frames. If they fit loosely, then the infiltration of cold air is causing a lot of heat loss. In that case you may want to have a carpenter install weather stripping.

Another key to heating efficiency is the chimney, which should extend at least two feet above the highest point of the house. A tree higher than the chimney and close to it will interfere with the draft, too. As for the chimney opening, you'll have to rely on your service man. But the hitch here is that the average householder is in a poor position to increase the size or height of his chimney.

Short, sharp bends in the chimney, or in pipes leading

to the chimney, also can cause draft troubles. So can dislodged bricks, birds' nests, and leaks. If you suspect there's some obstruction, take a periscope look by placing a mirror in the lower opening of the chimney after removing the smoke pipe. Or, if there are bends



THESE CHANGES COST YOU SOME MONEY BUT PAY DIVIDENDS IN FUEL SAVINGS	MAKE THESE BIG SAVINGS YOURSELF WITHOUT SPENDING A CENT
1 Insulate your attic floor, or, if that is not possible, your roof. Attic floor insulation may save up to 20 per cent of your fuel.	1 Close house doors promptly to keep all the heat inside.
2 See that hot water or steam pipes or warm air ducts are well insulated if they are located near outside walls.	2 Keep temperature moderate enough so windows won't have to be opened.
3 Install storm windows, storm doors, and weather stripping. Put caulking compound in cracks. This can save 10 to 20 per cent.	3 Turn off heat in rooms being ventilated.
4 Arrange for your heating oil dealer to send an expert to clean, adjust, and repair your heating plant at least once a year.	4 Turn off heat and close doors of rooms not in use.
5 Have this expert check size and angle of nozzle in your burner, clean filters, and check blower, controls, ignition, etc.	5 Close fireplace dampers when not in use. If dampers are missing and fireplace is not used, close chimney opening.
6 Also have him make stack temperature and CO, (carbon dioxide) tests on your furnace to determine its combustion efficiency.	6 Lower thermostat at night. Setting it back 10 degrees for eight hours will save 10 per cent or more.
7 Stop air leaks around furnace with asbestos cement.	7 Lower thermostat to 55 degrees when going away for a day or longer.
8 Stop all oil leaks, no matter how small.	8 Check radiator enclosures to be sure they are not trapping heat.
9 Have furnace draft control checked to keep too much heat from escaping up chimney.	9 Remove rugs and furniture from places where they block radiators or registers.
10 The heating capacity of some gravity hot-water systems can be increased by installing a pump; that of some gravity warm-air plants can be increased by installing a blower. Consult your oil dealer.	10 Check steam radiator valves for proper function. Replace non-adjustable steam radiator valves with valves of adjustable type. Drain air or water, if present, from steam radiators to allow them to heat up fully.
11 Baffles in the fire box also give you more heat from less fuel.	11 If your garage is heated, keep doors closed and temperature low.
12 Insure clean, better-burning fuel by the use—and annual cleaning—of oil filters.	12 Keep water in heating boiler clean for faster, more efficient operation.
13 Be sure your radiators and heating plant are of proper size.	13 Watch steam-boiler water level. A boiler usually operates best if level is at center of gauge.
14 See that your radiators or heating ducts are in balance. Avoid too much heat here, too little there.	14 Avoid overheating furnace. It wastes fuel.
15 Check the pitch of all steam pipes. Pipes of incorrect slope may block heat.	15 Drain a pail of water to take sediment from bottom of domestic hot water tank monthly to insure efficiency.
16 Be sure your thermostat is located so rooms are evenly heated.	16 Check and repair leaky hot water faucets. (A leak of only one drop per second means a loss of 700 gallons a year.)
17 Insulate domestic hot water tank.	17 Clean soot out of boiler. A mere 1/4-inch soot deposit increases oil consumption as much as 10 per cent.

in the chimney, lower a weight on a cord. The weight will locate any obstruction.

To summarize: It's up to you, in the interests of your fuel dollar, to give your heating system the once-over. Then seek the advice of your service man when you meet technical problems. This means more heat for less money for you.

JEST A JOKE

the LIGHTER SIDE

NATIONAL SAFETY COUNCIL



A definite goal gives direction. Look neither to the right nor to the left if you seek a straight way—keep your eyes on the stake—and keep going. Obstacles disturb you less if you are moving forward. Keep moving forward and you will reach your destination.

LARRY KEELER: "Say, Fletch, what do you think of Alaska being the largest state in the Union?"

F. O. RIZER: "I can't get excited over it. It was a much bigger deal when Texas annexed the rest of the United States."

* * *

Two cannibals met in a mental institution. One was tearing out pictures of men, women, and children from a magazine, stuffing them into his mouth, and eating them.

"Tell me," said the other, "is that dehydrated stuff any good?"

* * *

"You poor dear," consoled her friend, "It's too bad he's gone. I hope you were left with something."

"Oh, I was!" assured the widow. "He left me \$50,000."

"Fifty thousand dollars! Imagine that! And him that couldn't read or write!"

The widow nodded her head and added, "Or swim."

* * *

With a grinding of brakes an army officer pulled up at the side of the road.

"Say, Sonny," he called to a small boy, "have you seen an airplane come down around here anywhere?"

"No, sir," said the lad, hiding his slingshot behind his back. "I've just been shooting at a bottle."

* * *

Their happy marriage had almost gone on the rocks because of the presence in their home of Old Uncle Ben, who had walked in unexpectedly one day and had stayed with them for several years. Ben was grouchy, mean, and demanding. Finally he died.

On the way back from the cemetery the husband said, "Darling, if I didn't love you so much, I don't think I ever could have stood having your Uncle Ben around so long."

His wife looked at him strangely. "My Uncle Ben?" she cried. "I thought he was your uncle!"

* * *

A Communist died on a ship and the skipper told the first mate to sew the man in 26 into a sack and bury him at sea. The mate left and returned shortly to say, "The man in 46 is taken care of."

"You fool!" shouted the skipper. "I said 26. Was the man in 46 dead?"

"He said he wasn't," said the mate, "but you know what big liars those Communists are."

* * *

DAD: "According to these marks on your report card, you must appear awfully stupid to your teacher!"

JUNIOR: "Natch—she's a college graduate."

* * *

CULTURED HUSBAND: "Have you heard the sextette from Lucia?"

UNCULTURED WIFE: "Now, John, no stories! You promised!"

* * *

"I wish you'd wear a gown in the second act that is not quite so daringly cut," the stage manager told the star of the show.

"But this is the latest style and I paid a fortune for it," she pouted. "Why should I change?"

"Well, in that serious scene when your husband says, 'Woman, you're hiding something from me,' the audience laughs."



KEEPING UP WITH THE NEWS

RING JOB

by Robert E. Balcome

Inasmuch as we missed the last issue of the SPINDLE due to our extended vacation, our column this month will be a combination of items collected as August-September news. . . . Chet Clark is still on the disabled list. . . . Margaret Marshall is back and is coming along fine. . . . We welcomed Armand Benoit to our inspection force to help out in the absence of two inspectors. . . . Mary West has retired and our good wishes go with her. She is living in Florida. . . . Connie Ebbeling's son Donald, who graduated from Northbridge High School in June, is now the Uxbridge reporter for the *Woonsocket Call*. . . . Pete Kooistra's son Kenneth also graduated from the same school in June. . . . Connie Ebbeling spent three weeks in Bradenton, Florida, and surrounding towns such as Cyprus Gardens. He visited his son Harold. . . . Peter Kooistra went to Michigan for most of his vacation. . . . Vinal Haven, Maine, had a visit from Margaret Marshall. . . . Your reporter, while wandering through the back woods in search of a likely fishing place, came to such a place near upper Main Street. While getting out of the car, I saw Joe Witek come out of the high grass with a pail and some good sized trout. Not being properly attired, I didn't catch even one. . . . Birthday greetings for August are extended to Margaret Marshall, Joe Turgeon, Pete Roberts, Harry Bailey, Everett Gaspar, and Louis Dionne and for September to Joe Witek, Chet Clark, and Gert Boucher. . . . We are glad Al Chauvin is back at work after a spell of sickness. . . . Alice Dionne, Albert Roy, and Archie Handfield were the recipients of 25-year pins. The presentations were made by President J. Hugh

Bolton. . . . We are sorry to see so many employees being placed on layoff status and hope business conditions become better soon. Those leaving us are Arthur Thifault, Joseph Witek, Joe Thibault, Sid Frieswyk, Al Chauvin, Alphonse Turgeon, and Gert Boucher of inspection.

Our champion traveler during vacation was Carl Johnson, who not only visited all the West Coast states but also British Columbia and all the states en route. He visited Carlsbad Caverns, Yosemite and Yellowstone Parks, and the Grand Canyon. Some trip! . . . Jim Gusney's trip to Newfoundland, again via Nova Scotia, was very enjoyable. . . . Louis Roy is still hoping to bring home a fish he can talk about.

CUTTING-OFF JOB

by Irene Mombourquette

In our last month's column we neglected to report that Albert Himsey has returned after having been out for an operation. . . . Congratulations to Jerry Arthur Lemire who received his twenty-five year pin on August 1. He began at Whitin on July 1, 1933, in Department 410 as a machine operator under former foreman Loren Aldrich. President J. Hugh Bolton made the presentation. . . . Many happy returns of the day to Harold and Mrs. Kelliher who celebrated their 29th anniversary on August 12. . . . Also to Ralph Aspinwall who celebrated a birthday on August 13. . . . After residing in Uxbridge for thirty-one years, Henry "Slim" Charron is now a happy resident of Whitinsville. His new address is 14 Main Street. . . . Jerry Lemire spent his third week of vacation on a motor trip to Washington, D. C. By the way, Jerry is now sporting



Mr. H. King Cummings landed this plane on Whitin Reservoir during a recent visit to the Whitin Machine Works. He was accompanied by Mr. James Edes, his assistant. Mr. Cummings is the president of the Guilford Mills located in Guilford, Newport, and Eastport, Maine. The snapshot was taken by Lynn Richardson, Wage Standards

around in a dark blue Nash Rambler. . . . Foreman Simon Bosma plans to get a lot of golfing in while he is on his third week of vacation. . . . A steak dinner for Miss Janet Harding in honor of her approaching marriage on September 6, was attended by members of this department at "Kite's" Restaurant in Fisherville during the lunch hour on August 14. Miss Harding, a former co-worker, is to be married to Mr. Ronald Collins. Dinner was enjoyed by all.

FLYER JOB

by Bernard Roddy

Vacation is over and all the boys are reminiscing over the different events that happened during vacation. By all accounts everyone had a very good time and best of all, there were no accidents. Archie Ledue told the boys about the deer he patted at Rangeley Lakes. . . . Joel Racicot took day trips to Rocky Point and Misquamicut. Norman Gagnon did quite a lot of inland fishing and also took day trips fishing at the Cape and Point Judith. . . . Dowell Corron took plenty of day trips and also worked in his garden. . . . Alfred Goulet spent the first week at Washington and Rocky Point and most of the second week blueberrying with his family. . . . Henry Harper took trips to Lake Winnepesaukee, the Cape, and Point Judith. Henry has a new beach-wagon. . . . We are sorry that Robert Philbrook has been laid off due to lack of work. We hope business improves as we miss Robert very much. We also wish him a happy birthday on September 14. . . . Happy birthday greetings also go to Henry Harper on the same day. . . . Kell Sweeney is very disappointed with his tomatoes this year. He bought plants that were to grow 12 feet high, so he put up 10-foot poles. After two months, the plants now stand at 18 inches.



Joseph Knapik, Department 488, and Mrs. Knapik stand beside their light plane. Joe has flown more than nine hundred hours since receiving his flying license in 1934



Robert Holmes



Leo Tosoonian

Whitin Men Promoted

Robert Holmes, 14 Whitin Avenue, Whitinsville, and Leo Tosoonian, 42 D Street, Whitinsville, have been appointed foremen in the Whitin Machine Works according to a recent announcement by John H. Cunningham, Jr., General Superintendent.

A Whitin employee since July, 1920, Mr. Holmes had been assistant foreman of the Comber Erecting floor since June, 1937. In addition to the Comber Job, he has worked on the Drawing Job, the Card Job, the Research Division, and as an erector. His outside interests include reading and fishing. He and Mrs. Holmes have two daughters, Elizabeth and Phyllis.

Leo Tosoonian was appointed foreman of the Roving Small Parts Department. Mr. Tosoonian became employed at Whitin in 1942 and he is a graduate of the Whitin Apprentice School. Prior to his recent appointment he held the position of assistant foreman. He also has served in a supervisory capacity in a number of manufacturing departments. During World War II, he served with the Naval Air Corps for three years and was stationed in the Philippines. His hobbies include fishing and golf. Mr. and Mrs. Tosoonian have a daughter and a son.

Also appointed to new positions were Harry Drinkwater, Jr., to assistant manager of the New Products Division; Cecil Baker to assistant foreman of Department 427; and William Lyman to assistant foreman of Department 428.



Cecil Baker



William Lyman

SPINNING SMALL PARTS

by Jacob Sohigian

Here is a partial list of our happy vacationers and their vacation spots: Donald Clark, Maine; Wilfred St. Jean, Buttonwood; Roger Whittlesey, nearby beaches; Mable Lemoine, New Hampshire; Wilfred Elie, Canada; David Clarke, Rocky Point and Buttonwood; Paul O'Connor, Cape Cod; John Lash, Cape Cod; and Carl Wood, Newton. The other personnel of the department either were at home or visited nearby points of interest.

It was a real shock to hear that our timekeeper Tex Whittlesey fell and fractured his hip. We of the department wish him a speedy recovery and hope to see him back to work real soon. Tex had lost a leg during his war-time services. . . . At this writing John Campbell is out sick. We hope to see him back to work before this issue goes to press. . . . Rita Deome, our clerk in the office, has been reassigned to the Production Office. Good luck to her in her new assignment. . . . Recent layoffs include inspectors Theresa Creasia and Donald Clark. Hope to see them back soon. . . . The new timekeeper taking Roger Whittlesey's place while he is out sick is Maureen McKeating.

TOP ROLL DEPARTMENT

by George H. Bond

This month we salute Carl Carlson, our assistant foreman, on receiving his 25-year service pin from Mr. J. Hugh Bolton. Carl's length of service combined with Foreman Hank Hewett's 46 years should make 425's team of foremen one of the most experienced in the Company. . . . Birthday greetings also to Hank Hewett this month. Hank says he is over 39 but under 65. . . . This month we bid farewell to Pauline Machota and Frances Kenney but hope they will return real soon. . . . Finally, during August your reporter spent two weeks on active duty with the Air Force at Otis Air Force Base.

BOLSTER JOB

by Charles Kheboian

During vacation Mr. and Mrs. George Sesona went to Florida to visit Joe Checchi, George's uncle. Joe Checchi used to work at Whitin in the Foundry. He has since retired, moved to Florida, and got married. . . . Dona Perron took many trips to Maine, Vermont, New Hampshire, and Canada. . . . Walter Fierly, Leo Bouley and Lindsay Harding went deep-sea fishing on Bob Cochrane's boat, the *Corky, Jr.* Among the many things boated was a king-size eel which caused a great deal of excitement and moving of chairs. Bob says he never saw the boys move as fast as they did when Leo Bouley swung the eel on board. . . . Leo Bouley saved the day

for Louise Sohigian and her group when they couldn't get a fire started for their weinie roast. Leo got the fire going but Louise claims they lost out anyway for Leo ate most of the weiners. . . . Bob Cochrane's son graduated from Burrillville High School. There is some talk of him joining the Coast Guard. . . . Tony DeStafanis, who is known as a hunter, went out into the woods where he spotted a ferocious skunk. So Tony fired not once but ten times before the skunk fell. Some of the fellows claim it was the weight of the bullets that felled the skunk rather than being hit in a vital spot. . . . The following have been either laid off or transferred: Al Majeau, Harry Powers, George Sesona, Al Girouard, Tony DeStefanis, Cliff Lunn, Phil Brochu, Roger Lalanne, Lindsay Harding, Charles Kheboian, and Ed Roberts. . . . As this will be my last column as reporter for the Bolster Job, I thank you for the help given me. I've never met a finer bunch of fellows.

STEEL FABRICATION

by Alfred H. Nichols

September brings wedding anniversaries to Mr. and Mrs. Eugene Closson, Mr. and Mrs. John Bartlenski, Mr. and Mrs. John W. Kortecamp, Mr. and Mrs. Paul Grenier, Jr., and Mr. and Mrs. Richard Flinton. . . . This month also means that yours truly and Maurice P. Valois have reached their 30th birthdays! . . . Arthur "Chief" Mercier is a patient at the Boston V. A. Hospital. . . . Armand Beauchemin, internal truck driver for 410-432, has been transferred to another section. Louis J. Bernard replaces him.

Little things noted in Department 432—Ovila St. Germain, his pipe and black cap; Lester R. Wilcox with his left arm in a sling; Henry Deslauriers with a new Oldsmobile and Inspector F. Milton Crossland with a new Buick Special; Richard Flinton and his new look through dieting; Paul Grenier, Sr., and his movie cameras; Mike Yozura busy, busy, busy at the spot welder; Rene F. Rock, Sr., and his beach wagon, "The Sea Gull"; Thomas "Tonto" Pottie and his fishing lines; and 432's Planner James M. Fitzgerald and his tons of paper work.

Our hard-working personality for this month is apprentice Frank J. Zayone who was born on January 24, 1928, in Whitinsville. Frank's parents, both living, are Frank and Josephine (Zabinski) Zayone. Two brothers, Peter and Joseph, complete the family. Frank attended local schools and is a graduate of Northbridge High. He also attended Clark University in Worcester. While in high school he took a machinist course, which he claims has helped him out today. (Attention present high school students.) His only sport while in school was baseball. He still maintains a very keen interest in local ball groups and he will root as loud as he can, anytime, for the Milwaukee Braves! Other hobbies that keep Frank occupied are swimming and cribbage playing. Frank



Michael A. Mountain, of Homestead Avenue, North Uxbridge, retired on June 27. Employed in the Traffic Department since he joined the Company on June 14, 1920, his last position was as an expeditor. Mary E. Cencak, of Lescoe Court, Linwood, retired on July 3. She began work at Whitin on July 7, 1947 and was employed in Department 660



came to Whitin on July 15, 1946, on Department 443 as a machine erector. Today he is an apprentice iron worker on Department 432. The former Frances Yocus became his better half at the St. Paul's Cathedral in Worcester on November 21, 1953. Young Frank William, age three, finishes the family tree to date. The Zayones reside at 519 Church Street, Whitinsville. All co-workers of Frank enjoy working with him. Frank never gripes about anything.

TRAFFIC DEPARTMENT

by Marcel Turgeon

Edmund F. Sheehan, our personality this month, was born in Worcester on November 14, 1918. His parents had a large family of three sons and four daughters. Ed attended the Worcester schools and graduated from South High. His early work experience was varied: he worked in the upholstery business with one brother; for a while was a plumber's apprentice; and later operated a service station with another brother.

During World War II, Ed served with the Army for four-and-a-half years. In this country he served with the field artillery at Fort Bragg, Camp Blanding, and Indian Town Gap. He sailed for England in August, 1942, to land at Perham Downs. He fought as an anti-aircraft machine gunner and vertical control operator in four invasions: North Africa, Sicily, Italy, and Southern France. He was discharged at Fort Devens in August, 1945.

After the war, he graduated from Becker Junior College where he was president of the student council and a member of Alpha Omicron fraternity. He joined the Traffic Department in June, 1947. Ed and Mrs. Sheehan, the former Isabel Dunn of Worcester, were married in Our Lady of Lourdes Church, East Millbury, on April 19, 1947. They and their two sons, Ned and Brian, live on Hill Street. Isabel now teaches school in Manchaug.

Ed is interested in gardening, in camping, and in traveling. He is Grand Knight of Mumford Council No. 365 K. of C. and a member of Delta Nu Alpha transportation fraternity.



Gerben Folkerts, Foreman of Outside Paint, retired on August 1 after working here since December 12, 1925. His address is RFD #2, Uxbridge Road, Uxbridge, Mass.



His eleven grandchildren are the greatest pride and joy of Joseph Deneault of the Foundry

Celebrating anniversaries this month: Mr. and Mrs. Arthur Langelier, Mr. and Mrs. Henry Belanger, Mr. and Mrs. Rene Morrissette, Mr. and Mrs. Clarence Bisson, and Mr. and Mrs. Rene Picard. . . . Happy birthday to Clarence Bisson. . . . Anyone having problems with goats should contact Bill Morrissette, Sr., who certainly knows how to handle them.

MILLING JOB

by Harry Ludvigson

We are all happy to see Leo Lemelin back at work with us after a long leave of absence because of illness. . . . A pleas-



Judith Ann, daughter of Henry Harper of the Flyer Job, is a classical student at St. Claire's School, Woonsocket. She plans to be a nurse

ant stay to the following men who joined us last month: John Eustice, Lindsay Harding, John Vanderploeg, Arthur Lapoint, Harry Powers, Philip Brocher, Antonio DeStefanis, John VanDyke, John Visbeck, Thomas Jackman, Edward Roberts, and Joseph Witek. . . . With the best wishes of all of us, wedding anniversaries will be observed by the following during the month of September: Mr. and Mrs. Wilbur Desjardin (34 years), Mr. and Mrs. Jules Moreau (25 years), Mr. and Mrs. Paul Dufresne (24 years), Mr. and Mrs. Rene Gonin (22 years), Mr. and Mrs. Everett Fessenden (22 years), Mr. and Mrs. John Quigley (17 years), Mr. and Mrs. Arthur Jackman (17 years), Mr. and Mrs. Wilfred Bouchard (16 years), and Mr. and Mrs. Norman Beauchamp (2 years). . . . Rose Wood, George McKee, Raymond VanDyke, and foreman of the second shift Sidney Vandersea received 25-year service pins presented by President J. Hugh Bolton, Mr. John Cunningham, and Mr. Erik Pierson. . . . The recent layoffs have greatly reduced the personnel on Department 416. Your writer would appreciate any help you can give him in trying to keep our department in the news. Don't be bashful about bringing him any items of parties, weddings, etc. It may be old news to you, but others will like to read about it. . . . Sorry, my mistake last month. It was Ernest Poxon, not Potvin, who was at Niagara Falls, while Albert Potvin was at home recuperating from an eye operation performed at St. Vincent Hospital.

BOX JOB

by Alice Travaille

No one went very far for very long this year, but everybody enjoyed a slight change of scenery. . . . Enjoying the Rhode Island beaches were Al Blanchette, Paul Roy, and Jim Dorsey. The latter also spent time at Falmouth. . . . Going to New Hampshire were Ben Oles at Newfound Lake and Joe Labrecque at Lake Winnepesaukee. Joe also went to Quebec. . . . This reporter was at Lake Winnepesaukee, and at Stratford, Conn. . . . Al Kapolka visited the Benson Animal Farm. . . . Gerry Lefebvre was at his camp in Wrentham. . . . Ed Allega took daily trips, as did Ralph Nolet, Paul Grenon, Henry Such, Gene Gervais, and Chillo Lariviere, who also had the unenviable job of moving during the vacation—this move being to 3 Grove Street in town. . . . Department 440 can now join the "wrong lunch" club. Emory Heroux of 441, who was loaned to us, found that he had a bag of string beans one morning. . . . Al Blanchette's son Henry and family have transferred to Norfolk, Virginia, where Henry will take a twenty-week course in electronics. He just completed three years at Newport as an instructor in radio and teletype. . . . On August 1, Paul Roy was presented his twenty-five year pin by President J. Hugh Bolton, Mr. Cunningham, and Mr. Pierson. We congratulate him on his long service and



Paul E. Rondeau is the fifth son of Frank E. Rondeau to enter the Armed Services

hope he's around for a long time to come. . . . Chillo Lariviere is the only one celebrating a birthday in September, and Henry and Mrs. Such the only couple having an anniversary. We hope they all enjoy their special day, and have many happy returns.

PUNCH PRESSES

by Bill Brown

We are glad to have George Bockstael and Royal Stearns back with us again after their recent time in the hospital. . . . Birthday wishes for this month to Katchador Bedoian, Fred Trask and Charles Espanet. Many happy returns.



Leo "Fifi" Turcotte may not be recognized in his Sunday best by our readers. Leo recently was transferred from elevator #4 to 660

LINWOOD DIVISION

by Louise Sohigian

Congratulations to Carl Bosma upon completing his twenty-fifth year of service. . . . Congratulations to Mr. and Mrs. Wilbur Baird on their twenty-third wedding anniversary. . . . We have heard that Tillie Oppewall had a wonderful trip to California and back. . . . Anyone interested in eating good food should note that Al Blizzard is serving breakfasts and suppers at the Blue Eagle Inn. . . . Byron Deane was looking all over for his car in the back of Flagg's drugstore when it suddenly dawned on him that he had left it in Linwood. . . . I am taking over temporarily the job of reporter for Wilbur Baird for the time being. He has been transferred to Department 411. . . . Best of luck to Harold Dawson of H & B who has been moved to the shop from the Linwood Division. . . . Al Ballou of Storesroom 23, with his folks has purchased and is living in a new trailer in Pascoag.

PICKERS, WINDERS, AND SYNTHETIC SMALL PARTS

by Roger Brissette

There was no column from these departments in the last few issues. It has commonly happened to other departments. It happens when the men of a department fail to inform their reporter of what has happened. If you give me the necessary leads, I'll do the rest. Fair enough? . . . Francis Magowan and George Leland received their 30-year pins from President J. Hugh Bolton who was accompanied by Erik Pierson, John Cunningham, and William Hartley. . . . Joe Rembiszewski and William O'Brien have joined the ranks of the outboard motorboat enthusiasts. Both have boats which are fourteen feet long, which have Fiberglas bottoms and sides, windshields, remote controls, forward steering wheels, and which are powered by 35 horsepower engines. During vacation Joe tried his on Newfound Lake, New Hampshire, and Oby tried his on Meadow Pond. In each case, they were advised and assisted by the members of their families. . . . During vacation Canada called Azarie Gervais, Dave Desjardin, and Mike Swicz. They visited Montreal, Quebec, St. Anne de Beaupre, and Cap de la Madeleine. . . . Waldo Forsythe III, who recently was home from McGuire Air Base for a ten-day furlough, will be stationed at Thule, Greenland, by the time this is printed. . . . We have received a letter from Wilhelm Kirschbaum who reports that it is very warm in Korea. His address is 16th Ordnance Company, APO 18, San Francisco, California. Perhaps some of you veterans who know what it is like to stand a mail call without getting a letter will drop him a line. . . . Abel Lortie enjoyed catching some good-sized fish in Maine. . . . We regret that Mary Kostka, who was a great help to me in ferreting out the news, has been transferred to the Milling Job. . . . Thanks to his

WHAT'S WRONG WITH THIS PICTURE ?



daughter Arlene, Bill Hartley is now a grandfather. See the birth column for details. . . . Leo Blanchard took his son Dennis trout fishing. Dennis caught six but Leo didn't catch any. Leo also took a troop of Boy Scouts on a two-day camping trip to the Mohawk Trail. . . . Our timekeeper, Joe Stevens, is a member of Collimatt's softball team which won their first elimination game in the semi-finals for the Rhode Island state championship. The score was 8-1.

GEAR JOB

by Stan Frodyma

Our personality for the month of September is John Meagher, who is about the most colorful person in our department. John was born in Millville in 1923. He attended school there, starring in baseball. John started his employment in our department in January, 1947, as a lathe hand. On May 27, 1951, John was married to the former Kathrine Kane of Whitinsville in St. Patrick's Church. They now have a son, John, Jr., who is six years of age. John, Sr., is a terrific Red Sox fan. His hobby is sports.

It certainly is nice to have Irene Kalvinek back with us again. Irene has a wonderful disposition. . . . With help of Fred Erickson, Alphonse Marceau has painted his new home. . . . Mike "Duren" Ezzo's pitching and Bunny "The Clutch" Howard's timely hitting has kept the Traffic Department directly in the play-offs this season in the softball league.

Other co-workers who have been away on vacation are as follows: Paul Blondin

of Inspection and Mrs. Blondin spent three days at Atlantic City, and then a few days at the Cape. . . . Romeo Turgeon of Inspection and family were getting their feet wet at Lake George, New York. . . . Pop Laverdiere and family were at his sisters-in-law's air-conditioned home in New York. They also went to Benson's Wild Animal Farm. . . . Fred Erickson and wife were at Acadia Park, Maine. . . . Bunny Howard was seen down at Rocky Point raking in the clams at low tide. . . . Roger Lague was in Canada enjoying himself. . . . Clarence Brouillard spent his two weeks working on a farm near by. . . . Lyman Thomas and Mrs. Thomas visited their son, who is a cadet, at West Point, New York. . . . Helen Baird and her husband Bert traveled over ten thousand miles touring the western and southwestern states by car without a breakdown. Helen also took over sixty colored pictures of her trip.

Birthday greetings to Leo Laverdiere. . . . Anniversary wishes for September to Mr. and Mrs. Aime Brochu. . . . Frank Dawicki is back with us again after a short stay in the hospital. . . . Due to uncertain conditions in our department the following men have left us: George Ebbeling, Walter Prince, Lucien Bonin, and Florian Boucher. . . . Lyman Thomas has sold his spacious home in Upton and has bought a new home on Benson Road, Whitinsville. . . . During his first year of playing bridge, Alphonse Marceau bid and made a grand slam. I must say it was quite a feat. . . . Romeo Turgeon has been transferred to Department 411 inspection crib.

WOOD PATTERNS

by Vera Taylor

At this writing Arthur Stohlbom is still recuperating from his fall from a roof which resulted in fractured ankles and a wrist. We hope he is improving and will be with us again soon. . . . We welcomed to the fold Roland Larue, a Foundry apprentice who has been observing how patterns are made. This will be part of his apprenticeship training during the next few weeks. . . . Congratulations are in order for Nelson Bartlett and James Ferguson. On July 25, James Ferguson received his 30-year pin from President J. Hugh Bolton, Mr. Pierson and Mr. Cunningham. Nelson graduated from the Apprentice School on August 12, 1958. Our felicitations to both. . . . As evidenced by the accompanying snapshot, Lawrence Gilmore contacted Walter Fulasz while in California during vacation. Walter is working as a barber out there and is happy in his new work. He sent his greetings to his former co-workers in Department 401. . . . Clarence Visser met several former residents and co-workers while on his extended visit to California. Among them was John Alden, whom many of you will remember from the Defense Contract Department and the Tool Job. John is in San Diego now and sends his regards to friends and acquaintances here. . . . If you see a new 1957 Nash Metropolitan green-and-cream job scooting around the countryside, you can be reasonably sure its driver is Joe Fenner. Joe has acquired this recently and is now touting its virtues in the small car field. Happy motoring. . . . Francis Joslin was omitted from the reports of vacations last month because of indecision before he left and his returning after the deadline, but we now duly report that he enjoyed a more restful vacation than he's had in many years. In recent years 2500 miles was a mere jaunt to the Joslins but this year they spent a couple of weeks in Newport and Point O' Pines, R. I., just visiting and fishing. . . . Happy birthday to Florence Bileau this month and anniversary greetings to Mr. and Mrs. Robert



Ernest Potty, Tool Job night shift, visited friends in Canada during vacation



Two old friends meet in the far west. Walter Fulasz, left, greets Lawrence Gilmore

Gonynor, Mr. and Mrs. Lawrence Gilmore, Mr. and Mrs. Raymond Stanovich, and Mr. and Mrs. Edward Plante. . . . The Massons—a two car family—have now a two-toned green 1955 Studebaker Commander. This is Julien's wife's car, of course, but being a station wagon it will come in mighty handy for their son's transportation when commuting to his orchestral appointments. Anyone looking for an orchestra for weddings, banquets or parties, please apply. The Melodaires is the name.

TIN SHOP, PAINT AND CREEL JOBS

by Dorsey Devlin and Pete Paddock

The news this month seems to be about as scarce as the help, so right now we are looking forward to seeing the orders come in and the column to grow back to its normal size. . . . Those laid off due to the slowdown were Lucien Gilbeault, Henry Martin, Armand McCollum and Ray Malley from the night shift and Charlie Poxon from the day shift. . . . Francis Lachapelle and John Kapolka were moved to the night shift. . . . Bobby Campo, who has been in our news quite a bit lately, makes it again. Bobby, in his first year as Little League coach, brought the Douglas Red Sox in winners in the second half of the season and then went on to take two out of three from the Yankees for the league championship. Our congratulations. . . . Mr. and Mrs. Harold Ingham recently became grandparents. Their daughter Charlotte, now Mrs. Joseph V. Aliquo, gave birth to a son Mark Joseph at Camp Walters, Texas, where her husband is stationed in the Army Medical Corps. Mrs. Aliquo for-

merly was in the shop photography department. . . . As Norman Spratt reads this he may be in a very cheerful mood with his son Stuart and his wife and two grandchildren visiting him from Culver City, California. . . . Henry Pandolfi has moved from Albion, Rhode Island, to Park Avenue, Woonsocket. . . . George Dumas reports that while fishing on Lake Erie during vacation he had rare luck in landing an abundance of perch. George, incidentally, traveled over 1800 miles on this trip. . . . George Dykstra and family spent George's third week of vacation visiting the Rhode Island beaches. . . . Al Lozier's son Raymond recently was graduated from the University of Delaware with a masters' degree. . . . Al Lucier and Pippay Rainville are hospitalized at this writing. Best wishes from all of us to them. . . . Henry Laviemodierre is back to work after an absence due to injury. . . . Walter Misiuk is also back after a hospital session.

TOOL JOB

by George Jones

Congratulations to James Murphy, Eugene Tatro, and Sidney LaFleur on receiving their 30-year service pins and to Fred Crockett, William O'Connell, Edward Baker and Howard Walker on receiving their 25-year pins. . . . Edward Kane, Sr. is at home with a broken leg and will be laid up for three more months. Ed fell off a ladder and broke his leg in three places. . . . Roy Lermond now has a late model Mercury station wagon. . . . Roland Benoit has a 1956 Ford station wagon to accommodate his five children. . . . Sidney Baker is taking his third week of vacation, one day a week, by going to the beach. . . . Joseph Hoogendyke, jig borer, can be found almost any week end at a relative's cottage at Falmouth on Cape Cod. . . . Frank Calzone of the Tool Job office has just completed a two-week tour as a judo instructor with the Army Reserve at Camp Drum.



This slender lad is the Tool Job's own mystery photo. His name will be revealed in next month's SPINDLE column

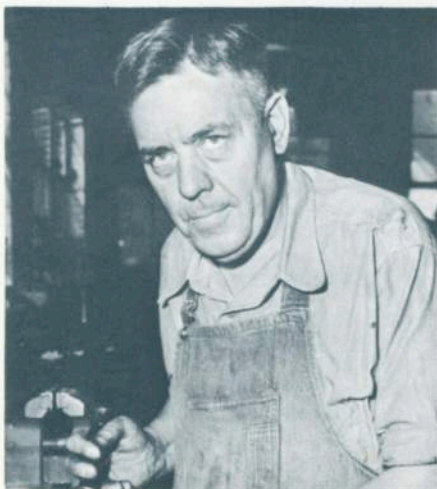
METAL PATTERNS

by Al Cencak

The big news this month was the annual clambake of Department 402 where everyone had plenty to eat and drink, with some to spare. Bud Martin was the champion horseshoe thrower. Bunky Kearnan and Bob Caston were the champion card players although they were challenged by Joe Prior. His challenge was of no avail because they found the couple of fives he had in his cuff. Ernest Payson, who retired on April 30, attended the bake. He looked well and enjoyed meeting his old acquaintances as much as we enjoyed having him there.

Did you hear about Bart Shugrue and the game warden? When the warden asked Bart for his license Bart said that he didn't need one because he wasn't catching any fish. The warden went with him when Bart returned home to get the missing paper. (Yes, Mintoff, he really had one.) Bart is a good fisherman troubled by two things: he loses plugs faster than he can buy them; and the fellow next to him is the one who catches the big fish.

The new fisherman in the gang is Ed Scott whose wife wants him to go fishing. The catch is, she likes fishing and wants to go too. . . . Paul Mintoff out-dubbed Rollie Wilson in our latest golf tournament. Paul blinded Rollie with his short shorts and jaguar hat. . . . Our champ blueberry picker is Don Henry. . . . We no sooner got Bunky Kearnan back at work than Harold Warren fell sick. Harold is now better. He would appreciate receiving a few cards. . . . Rollie Wilson graduated from the Apprentice School as a first class pattern maker on August 12.



Ernest Payson, who retired in April, met many of his friends at the Metal Pattern clambake



Arthur Vincent, Main Office, and Effie Vincent are vacationing in the British Isles

DUPLICATORS

by Emil Wikiera

Francis "Joe" Mateer, an inspector in Department 488, recently underwent surgery. Joe is convalescing at home and is expected to return in the near future. . . . Genial Bill Kelly, electrician attached to 488, has also been ill these past few weeks. We want him to know that the boys miss him and wish him a speedy recovery. . . . Joseph Knapik is a veteran of twenty-four years of flying. He received his student pilot license in 1934 and has since clocked more than nine hundred hours of flying time. Joe and Mrs. Knapik firmly believe that flying is much safer than motoring, and can be seen almost every week end cruising around in their green, cream-striped light plane. Joe's latest plane has not as yet been named, but we expect to christen it soon. How about "Peggy"?

METHODS

by Jean Cunningham

Well, like everywhere else, there have been some changes made. Cathy Larsen who we all enjoyed working with has been laid off and Avis Hawkins who worked for Arno Wagner has come into our midst to take her place. Virginia Merrill has left our office to work for George Fullerton in Trina Wynja's place and Trina has gone to work for Charlie Brouwer in place of Janet Harding who is leaving to be married. Things happen so fast these days that Janet has come and is now leaving, and I didn't even welcome her to the department. Virginia got quite a surprise from the Benefit Club when Paul Wheeler presented her with a big printed card stating that she was still a member in good standing. We all enjoyed a cake that was given to Virginia too. . . . Happy birthday wishes this month go to Frank Budnick, Edward McNamnee, Edward Reeves, and Arno Wagner.

MAIN OFFICE

Arthur Vincent, Main Office, and Effie Vincent left by plane from Boston Airport on September 7 for a visit to England and Scotland. While there they will visit relatives of Mrs. Vincent in her birthplace, the village of Carnoustie, Scotland, in addition to visiting London, Glasgow, and Edinburgh. They will return to Boston on October 4. . . . Two other Whitin employees, Virginia Klisiewicz of the Main Office and Eleanor Dorsey of Industrial Relations, will leave for Europe on the same plane as the Vincents. Virginia and Eleanor will visit England, Holland, Belgium, Luxembourg, Germany, Switzerland, Greece, Italy, Monaco, and France. They will return to Boston on October 18.

RESEARCH DIVISION

by Aram Sisoian

We were sorry to see Al Toomey and Tom Cody leave for employment elsewhere but we do wish them the very best of luck. . . . It's good to see that Ernie Zimmermann is again with us after his recent ailment in the hospital. . . . Birthdays for the month are being celebrated by Fran Lash and Al Benson. All here extend their very best. . . . Recently Elaine Dupre's fiancé was home on furlough from Fort Benning, Georgia. I might add that, while he was home, the clouds in the sky were no higher than Elaine. . . . After a long absence from the golf course, Bea Cant's will power finally gave in. After the first evening on the course Bea's score was good but her back was sore. . . . For the information of those who saw movies being taken at Research recently, the film is to be used in promoting the sale of the new Spinning Frame. Ed Holmes, our handsome humorist, does not have a contract offer from Warner Brothers, but we hear he had a leading role in the movie.



MYSTERY PHOTO—Members of the Repair Sales Department should recognize this young lady



MYSTERY PHOTO—Of course you recognized the three on the left as Robert Bogie of Wood Working, James Youngsma of Spindle Experimental, and Ed Postma of the Tool Job. The picture on the right was taken in Roger Williams Park, Providence, about 1917 and shows a member of the Saturday Afternoon Walking Club



REPAIR SALES

by Carol Corron

President J. Hugh Bolton presented Cecil Small and Dick Cunningham with their 25-year pins. Our congratulations to both. . . . Our good luck wishes to Ruth "Dee Dee" Fournier who has left us to take a position in Waltham, Mass. Ruth was feted by the girls in the Annex at Treasure Island in Webster. . . . I hope by the time you read this we will have Ann Buma and Nancy MacIntyre back with us. Both have been out sick for quite a spell. . . . We have received one of the new Friden machines called the Computyper. This machine is one of the many which we hope will be in operation very shortly. I will be able to tell you more about these new machines next month. . . . As we didn't have a column last month, birthday wishes are extended a little late to Ann Carter who celebrated her birthday in August. . . . Birthday wishes this month go out to Norma Baker, Madeline Leaver, Edna L'Esperance, Alice Sagherian, Ann Buma, and Dick Cunningham. . . . Anniversary wishes go to James Marshall, Charlie Pearson, and Dick Cunningham.

PRODUCTION DEPARTMENT

by Marge Newton and Tad Wallace

Personality: Julia Murray McMullin is a good Irish name if we ever heard one. Julie is our personality this month. A Whitinsville native, she has resided at 24 C Street all of her life. She is a sports enthusiast, possibly because of her early training as a substitute on her brother's football and baseball teams. Julie is a graduate of Northbridge High School, where she excelled at basketball and field hockey. She worked in the Whitinsville Public Library until she first came to work

here in 1937. During World War II, Julie lived in Florida and Texas. After the War, she returned to work in the Production Department and is now working for Weyman Plante in the materials requirements standards section. Julie's main interests in life are her daughters, Kathy, 15, a student at Northbridge High School and Sheila, 11, who attends the Junior High School. She has other interests: in the summer, weather permitting she and her daughters will spend week ends at the beach; in the winter it is reading, television and dancing. Her favorite holiday is St. Patrick's Day, of course, and her favorite color is green. If ever the Irish had a champion, it is the pleasant, nice-to-know Julie McMullin.

Ray Young may be a good golfer and an efficient and capable umpire, but as boat rower he leaves much to be desired. A lifeguard at a nearby state park tells us that Ray took his nephew for a boat ride recently. The lifeguard wisely went along and, after Ray had fouled the oars in the lines etc., took over and got everyone back to shore safely. We have no report as to whether or not Ray has returned to Wallum Lake for rowing lessons. Dorsey Devlin alone has that information. . . . At this writing, the Golf League championship is up for "grabs"—Ernie Bonoyer's Bullets are in a good position to make off with top honors. Ray Young, Joe Mercak and Don Sangster's teams are in strong contention and one or two upsets in the remaining matches can change the picture completely. Final standings will be published next month. . . . Dave Seiberth has returned to work after completing two weeks' tour of active duty with the United States Air Force. Dave was stationed at Otis Air Force Base on Cape Cod. . . . Barbara Allen has apparently recovered from her recent illness and has returned to work. . . . George Bond, planner at Department 425, is currently performing active duty at Otis Air Force Base. George is a major in the United

States Air Force Reserve. . . . Our congratulations to Walter and Mrs. Gilchrist upon the occasion of their thirty-fifth wedding anniversary on August 20.

ACCOUNTING

by Beatrice Gauthier, Pauline Reynolds, Jacqueline Lemire and Nancy Trainor

Personality—At the end of June, 1957, a young English girl stood on the deck of the *Queen Mary* with a few pieces of her luggage and watched the rest being stored on board. Betty Spencer was ready to sail. Behind her was everything she had ever known—her mother and younger brother, her home in Stockport, Cheshire, where she was born, the elementary school which she had attended and then the high school to which she had won a scholarship (for in England one must get a scholarship to high school or else finish your entire schooling in the elementary system).

She had also left her job in the Cost Department of an engineering firm and her favorite pastime of going to soccer games which she followed as avidly as any American roots for his favorite baseball team. She has traveled the width and breadth of England while attending the games of her favorite team, Manchester United.

What lay ahead of her? A strange country, the U. S., no job, only a slight knowledge of Rhode Island, the state where her married sister lived, but to Betty and her sister, Win, who was her traveling companion, it was to be quite an adventure.

Today, the two sisters have their own apartment in East Douglas, which they share with their much pampered kitten, Sandy. (Sometimes one wonders if it isn't Sandy who so kindly lets them share part of his apartment.) Betty is working with the Duplicator Group.

Their prize possession at the moment, it seems, is the car which they bought and of which Win was pronounced the chauffeur, and Betty is the self-appointed navigator. It appears that Win was the one who learned to drive and got her license but Betty is the one who knows how to read maps and gets them around the many places to which they go. They've gone to Hampton Beach, Nantasket, Newport, Narragansett, and as Betty says "all over the countryside."

They do not have any plans for the future at the moment, but they do want to see as much of the country as possible. The members of the Accounting Department all say "Good luck and good show."

Everything is finally returning to near-normal in the office this month after a hectic month of departing and returning vacationers. However, at this writing we are envying both Howard Anderson who is on a trip to Maine and Canada and Roland Farrar who is seeing the sights in North Pole, New York, and the state of Vermont. Paul Trinque and Armand Plouffe are still carrying that relaxed and rested expression seen on newly-returned tourists. Paul went north to Canada and Armand south to New York City.



Betty Spencer, Accounting personality, lives with her sister in Douglas

Garden Street, Uxbridge, has some new residents, we've been told. Homer Adams and family have just moved into their newly-purchased home on said street and we wish them the very best. Also included in our best wishes to new home owners is Betty Bonaventura who will move into her new home in Shrewsbury next month. Betty is also leaving us and Yvonne Lash will then become secretary to Mr. Roth. . . . We are happy to note that Janice DeBoer is back after a stay in the hospital and that we are once more seeing Oscar Erickson at his desk after a few weeks' illness. . . . Birthday greetings to Chris Myott, Muriel Romasco, Nancy Trainor, Carl Dupree, Florence LeBeau, Margaret Crosby, Paul Larossee, and Bradley Brown. Strange thing, no one seems to want to state what birthday they are celebrating. . . . The grapevine in Tab tells us that Chris and Jerry Myott are riding around in a new Ford station wagon and also that a party was held at the Embassy Club on July 10 for Frank Widor, an item which we failed to note last month. . . . Jack Wood, son of Mr. and Mrs. Les Wood, has bought a Taylor-Craft plane. His hobby is flying. He is located in New York City.

Eve Lundberg, Florence LeBeau, Yvonne Lash, Fay Goggins, Pat McLaughlin, and Nancy Trainor made up the committee which put on a very successful grand opening party for Department 462. It began at 5:00 with the serving of punch, progressed into a catered buffet which was unanimously declared "wonderful" (ask Gloria Novack), and was followed by dancing which ended only, so the story goes, when someone finally pulled the phonograph plug out. Thus ended a fun filled (and, may we add, a stomach filled) evening. . . . A few changes have taken place in the office with the appointment of Joe Kroll as assistant group leader in the Picker Group and Tom Altoonian returning to the Estimating Group. Good luck to both of them. . . . Anniversary congratulations this month to Anne and Cal

Hubbard, Harriet and Sidney LaFleur, Homer and Lillian Adams, Elmer and Mrs. Roth, and Rosalie and Jerry Lent. . . . If anyone wishes to be brave and have the number of the birthday that they are celebrating quoted in this column, you may contact anyone of the people named at the top of this column anytime before 8:00 a.m. Please bring I.D.'s.

Timekeeping: Ed Sokolski, Department 406, was injured in an automobile accident while on vacation. He sustained cuts on the forehead and arm. We are happy to report he has returned to work. His car was a total wreck. . . . Bill Kearnan, Department 426, second shift, reported July 28 to Fort Dix for his basic training in the U. S. Army. Gerald Biron, formerly of Department 411, has replaced Bill. . . . Leo Imondi has transferred to the second shift in Department 454. . . . Fred Pope has retired. . . . Pete Whittlesey, Department 429, had a bad fall at his home on August 10. He is in Worcester Memorial Hospital with a fracture of the left hip. Maureen McKeating, formerly of Department 451, is filling in in Pete's absence.



William Bruneau and Norma Gervais, daughter of Henry Gervais of Department 438, were married in St. Mary's Church, Uxbridge, on June 21.



Glen Bloem of Grand Rapids, Michigan, and Helena Plantinga of Accounting, were married at a candlelight service at the Christian Reformed Church, Whitinsville, on June 11



To Keith Harkins and Arlene Hartley Harkins, a son, Keith, weight 7 lbs. 12½ oz., in Brunswick, Maine, on July 9.

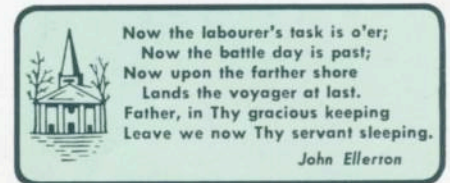
To John Lemoine, Department 416, and Mrs. Lemoine, a son, Michael Edmond, weight 7 lbs. 3 oz., in Woonsocket Hospital on June 21.

To William Cook, Department 434, and Sharon Conlin Cook, formerly of Tabulating, a son, William John III, weight 8 lbs., in the Memorial Hospital on July 25.

To Robert Jolicoeur, Department 488, and Mrs. Jolicoeur, a son, Bruce, on August 9.

To John Dominick, Department 401, and Mrs. Dominick, a son, Michael Kevin, weight 7 lbs. 11 oz., in Providence Lying-In Hospital on August 13.

To Donald Dion, Tool Job, and Mrs. Dion, a daughter, weight 7 lbs. 13 oz., in Whitinsville Hospital on August 2.



Their friends and associates extend heartfelt sympathy to the bereaved

Roy Lermond, Tool Job, on the death of his mother.

James Murphy, Tool Job, on the death of his sister.

Relatives and friends of Mrs. Josephine Bedard, 66, of 102 East Hartford Avenue, Uxbridge, who died in St. Vincent Hospital on August 11.

Friends and relatives of William Edward Murphy, 78, of the Blue Eagle Inn, who died in St. Vincent Hospital on August 15.

Edward Horan on the death of his father, Michael C Horan, on August 9.

Gilbert Quist on the death of his brother.

Donat Lariviere, Tool Job, on the death of his brother.

Survivors and friends of Frederick F. Lefrancois, 54, who died at his home at 80 Cottage Street, Whitinsville, on August 4. A native of Douglas, he was for 27 years a Whitin employee.

Relatives and friends of James Matthewman, 42, a former Whitin employee who died recently in Miami, Florida.

TrajNet



Risk Capital Made Watt's Engine Work

THE story of James Watt, Scottish inventor of the modern steam engine, is well-known to most people. But few can identify Matthew Boulton, English manufacturer, who almost went broke in financially backing the invention, before it began to earn profits.

With his idea of a separate condenser, Watt made the first really practical engine and thereby revolutionized the modern world. He patented his steam engine in 1769 but not until 1774, when he joined with Matthew Boulton, was the idea turned into a reality.

BOULTON put all his savings into developing Watt's engine, hovering on the edge of bankruptcy for 15 years, until the engine was a commercial success.

This is but one example of the part risk investment of the savings of individuals has played in shaping industrial growth and progress. Risk capital does not come from government, but from private citizens willing to venture a part (sometimes all) of their savings in a new idea. No free nation can prosper for long without an adequate flow of private investment risked on new ideas in industry.