Maynard J. Krull, Foreman of the Development and Construction Department in the Research Division, was born in Whitinsville, July 17, 1923.

One week after graduating from the Northbridge High School in 1941, Maynard came to Whitin and worked for a brief time on both the Comber Machining and the Drawing Machining Departments. His next move was to the Experimental Department where he had a better opportunity to use the skills he had acquired in a two-year machine shop training program in high school.

During World War II, he was a member of the U.S. Army Air Corps from November, 1942 to January, 1946. While with the 8th Air Force in England, he was a regular member of a lead bomber crew. He accumulated 1000 hours of flying time. Maynard also received an award from the U.S. Government for his proficient work on bombsights and automatic pilots.

At the close of World War II, he worked for a short time for the Matthews Mfg. Company, Worcester as a tool and die designer. In June, 1947, Maynard returned to Whitin and the Development and Construction Department. In December 1947, he was appointed assistant foreman of this department and on February 19, 1951 he was promoted to foreman.

While employed at Whitin, Maynard attended Rhode Island School of Design evenings for one year studying machine design. For two years, he attended Worcester Polytechnic Institute taking evening courses in mechanical engineering.

Maynard lives on Providence Road, Whitinsville in the house in which he was born. He is married and has one son and three daughters, ages from 4 to 14.

For relaxation he enjoys listening to classical music. He devotes practically all of his spare time to the Christian Reformed Church, Pleasant Street, where he serves as a Deacon, Treasurer of the Church and Director of the Choir.
whitlin honored with "E" award for export activity

The Whitin Machine Works was singularly honored through the presentation of the U.S. Department of Commerce "E"-for-Export Award, at a luncheon of the New England Council in Boston on November 16.

The official citation and "E" pennant were presented to Mr. J. Hugh Bolton, Whitin Board Chairman, on behalf of U.S. Department of Commerce Secretary Luther H. Hodges by Mr. Edward Scriven, Deputy Export Coordinator.

The coveted blue and white "E"-for-Export pennant with citation is presented to carefully selected companies by the U.S. Department of Commerce in recognition of their success in the development of increased export business in their particular fields and in the face of severe international competition. The Whitin Machine Works, in the past few years, has doubled its multi-million dollar annual sales volume of textile machinery which it sells to customers in over 50 countries around the world.

The Citation reads as follows: "The carefully conceived and well executed international sales program of the Whitin Machine Works has demonstrated once again the ability of American manufacturers to compete successfully in the market places of the world. The textile machinery exhibited by Whitin at international trade fairs, the extensive overseas advertising campaign, the literature and catalogs published in many languages and mailed to agents in 37 countries, and the energetic sales efforts on behalf of machinery new in design and concept reflect great credit on the American free enterprise system. The multi-million dollar international business established by Whitin Machine Works represents a worthy contribution to the export expansion program of the United States Government."

The "E" pennant was first raised during World War II above American war plants as a symbol of production excellence. It has been reinstituted by President Kennedy to now signify outstanding achievement in the sale of American goods and services in overseas markets, which he has termed "a new and constructive context of national urgency." Secretary Hodges has stated that if U. S. firms could earn just 10% more overseas than they earned last year the President's goal of a 2 billion increase in U. S. exports and earnings for fiscal 1963 would be achieved. Whitin has far exceeded this goal.

By recognizing and honoring business firms with "E"-for-Export Awards the Government has helped to stimulate interest in export trade. Several new records in exporting have been set this year and several hundred firms have submitted applications for the much-sought-after "E" Award. Each applicant is considered by a committee composed of representatives of the U.S. Departments of Commerce, State, Interior, Labor and Agriculture, as well as the U.S. Information Agency, Small Business Administration and other Government agencies.

Attending the ceremonies in Boston with Mr. Bolton were the following Whitin officials: Mr. N. F. Garrett, President; Mr. John H. Bolton, Jr., Vice President, Marketing; Mr. Vaughn E. West, Treasurer; Mr. Eugene M. Kennedy, President, Whitin International Limited and Mr. F. A. Odell, Sales Manager, Whitin International Limited.
The Livingston Worsted Mills, Inc., Holyoke, Mass., manufactures fine worsted fabrics for men’s suitings. Among the noted suit manufacturers using Livingston cloth is Hart Schaffner & Marx, Chicago. This company’s clothes are featured by the very finest men’s stores and department stores in every state in the Union, as well as in Puerto Rico, Canada, South America and South Africa. Pictured above are Whitin Spinning frames equipped with the American System which spin the yarn used in Livingston’s fine quality worsteds.

BEHIND THE SEAMS

Textiles have many uses. One with which we are all particularly familiar is clothing. A large part of all cloth made from natural or man-made fibers goes to garment manufacturers to be made into ready-to-wear clothing.

The largest producer of quality men’s clothing in the world is Hart Schaffner & Marx, Chicago, and one of its quality suppliers is the Livingston Worsted Mills, Inc., Holyoke, Mass., a manufacturer of fine wool and worsted fabrics for men’s clothing. From the yarn spun on Whitin American System Spinning frames, Livingston turns out each year as many as 3000 different styles of fabrics for Hart Schaffner & Marx and other garment manufacturers. They are usually straight worsted or blends using: Dacron, Orlon, Dynel, Saran, Vicara or Nylon. The majority of the yardage is straight worsted. Total annual production is approximately 1,000,000 yards a year.

"Behind the Seams" is an American story retold. Men with little capital but great faith, ambition and ingenuity, start their own business. Their hard work, high ideals and courage to overcome all obstacles, make the business prosper and grow. This is the American story in its essence...
It was in 1872, just six months after the Great Chicago Fire, that 21-year-old Harry Hart and his 18-year-old brother, Max, opened the “Harry Hart & Brothers” retail clothing store on State Street. Though young, they had keen business sense and a consuming love for the clothing business.

In 1879, two brothers-in-law, Levi Abt and Marcus Marx, joined the organization. Then, eight years later, Abt left and Joseph Schaffner, a cousin of the Harts’, took his place. Thus, in 1887, Hart Schaffner & Marx came into being.

Transition from retail to wholesale came by chance. A neighboring retailer saw their clothing and placed an order for several items. The founders recognized an opportunity for expanding the operations. Soon HS&M was “on-the-road,” selling to retail stores.

At this time, in the late 1800’s and early 1900’s, the infant clothing industry suffered many growing pains. From the first, the young partners sought to raise their own standards and those of the entire industry as well. They pioneered their policy of “one just price . . . and just one price” for all buyers, large or small. High quality workmanship and improved employee-management relations were
Just as the woolen buyer must have a finger on the fashion pulse of the world, the designer must be able to anticipate the trend in style, discerning the authentic from the eccentric. From reports, sketches and pictures, the head designer begins by making his own sketches. Other working models follow as he perfects the master plan. HS&M designers were the first to cut and tailor clothing to fit basic body types—fourteen in all.

early HS&M working principles. In 1911, Hart Schaffner & Marx voluntarily entered into an agreement with employees to accept arbitration through impartial mediators and since then has led in pioneering a whole series of innovations in labor relations. Many of these have become a model for other industries. In January 1961 the company celebrated 50 years of uninterrupted peaceful collective bargaining.

Here are just a few of the many other Hart Schaffner & Marx “firsts.” Each was a revolutionary idea in itself when introduced. One of the earliest innovations was national advertising which was begun in 1897. Beginning in 1906 Hart Schaffner & Marx made history by employing world-famous illustrators to draw several series of advertisements in “The Saturday Evening Post.” These famous advertisements were an inspiration for many others to move into the field of consumer advertising in national media and they played an important part in ushering in the modern age of magazine illustration.

To protect the consumer from shoddy and questionable fabrics, a widespread problem at the turn of the century, Hart Schaffner & Marx introduced an “all-wool policy” in 1900. This became known as one of the outstanding contributions to the clothing industry. Another pace-setting development was the first “tropical weight” suit, introduced in 1911.
New techniques in the division of labor were developed which made possible large-scale production of quality clothing. And the perfection of accurately and scientifically proportioned models brought about proper fit of ready-made clothes for the first time. In the last decade the company has revolutionized summer clothing by the introduction of lightweight Dacron and worsted fabrics. Today research and development have a leading role in all phases of the business at Hart Schaffner & Marx . . . nearly all resulting in benefits to the consumer.

Through the years, Hart Schaffner & Marx has grown tremendously . . . a true fulfillment of the American dream. The fundamental ideals set down by the founders have brought the company to its present status—the largest producer of quality men's clothing in the world.
Steel rings are no longer made from forgings at Whitin. All rings are now cut from steel tubing. After the saw-cutting operation in the Steel Cut-Off Department, the blanks are sent to the Ring Job for machining. Damase Gariepy is operating the saw-cutting machine.

**THE NEW WHITIN GREYHOUND SPINNING RING**

Whitin has developed a remarkable new ring for Spinning frames. This new Greyhound, which has been thoroughly tested in both laboratory and mill.
operations, is expected to have a strong sales appeal for customers purchasing new cotton Spinning frames, as well as for mills interested in replacing rings for their present equipment.

The spinning ring, even though it is usually from 1½" to 3" in diameter, is one of the most important parts on a spinning frame. The ring is used as a tract around which a little C-shaped piece of wire slides very rapidly. The speed with which this little wire, or traveler as it is called, is run is the principal factor which limits the production of the spinning frame.

These travelers wear or "burn" out in a relatively short time, depending upon how fast they are run. In some mills the traveler, one for every single spindle, must be changed as often as every forty hours. In some instances, they may run as long as one hundred hours. The expense and time of shutting down the spinning frame and replacing the burned or worn travelers with new travelers is very costly to the mill.

A great deal of research has been done in numerous research centers over many years to find ways and means of increasing the spindle speed and, at the same time, reducing the wear on the traveler.

As mentioned above, the traveler speed controls the limits of production of the spinning frame itself. So, an added benefit from an improved ring is the possibility of increasing the speed and the production of the spinning frame itself as well as reducing the cost of traveler replacement.

The new Whitin ring has an entirely new type of finish. It also has an improved outline which will permit better yarn conditions at the traveler. The new finish, in some ways, acts as a lubricant for the traveler and tends to retard rust and corrosion which were always problems.

The new Whitin Greyhound ring eliminates another irritating problem which mills formerly encountered with standard rings. Formerly rings had to be "broken-in" by starting the spinning frame slowly and by changing travelers as many as 20 to 30 times over a period of several weeks at gradually increasing hourly intervals. With the new Whitin Greyhound ring, only 2 to 3 traveler changes are necessary. In addition, the spindle may be run at the maximum speed which the spinning conditions permit from the very beginning.

The Whitin Greyhound ring can be used on any conventional cotton spinning frame.
JOSEPH HvIZDASH, of the Steel Cut-Off Department, has been issued a patent by the U.S. Patent Office for a new game which he has named the "Jet-Age Auto Race."

Joe, an automobile racing fan for years, decided in 1959 that he would try to capture the excitement of automobile racing in a game which could be played by anyone. It is so designed that even children may play the simplified version of the game.

Four players, each with a deck of cards, may play the game at the same time. What happens to each player's racing car is determined by the cards he plays. He may have engine trouble, an accident, or face other obstacles before crossing the finish line.

Now that the game is patented, Joe is making arrangements for getting it on the market.

Joe, who spent most of his time at home perfecting the game, says, "Don't envy the inventor—be one. To start, all you need is a good idea. Ideas come when you least expect them. You may be reading, daydreaming or even sleeping." From then on, he feels it is just a matter of concentrating on your idea until you make it a reality.
Honor Roll

November - December 1962

20 Years
Lionel Arguin, Inspection
Fernande Arpin, Export Sales
Walter Aslanian, Storesrooms
Joseph Bartlett, Foundry Maint.
Cecile Berry, General Machining
Ronald Blakely, Research
Marion Boyd, Treasurer
Grace Burroughs, Screw Machines
Leonard Carter, Spin. & Twist Erect.
Duty Caswell, Spin. & Twist Pts.
Sarah DerSarkisian, General Mach.
Eva Dumas, Engineering
John Dziob, Polishing
John W. Eustace, Spindles
Lorenzo Frisiello, Electrical Dept.
S. Paul Hooyenga, Electrical Dept.
Leo Joanis, Dup. & ATF Assembly
James Mele, Freight House
Stella Nowak, Flyer Job
Nellie Parker, Production
Donat Pothier, Large Planers
Thomas Prendergast, Garage
Hope Rawson, Sales Floor
John Sitnik, W.B.E.C.
Gorton L. Spence, Wage Standards
Edward Wallace, Erector
Beatrice Winchell, Lathe Dept.

15 Years
George Armenia, Large Planers
Edward C. Bell, Milling Job
Herve Bonin, Cast Iron Room
Alexander Boucher, Auto Screw Mech.
Wilfred Bromley, Comber Erecting
Morris Chaplin, Cast Iron Room
Orestes DiSalvo, Large Planers
Douwe Fekkes, General Machining
Earl Fowler, Cutter Grinding
Herman Haringa, Spin. & Twist Erect.
William Honeycutt, Erector
Francis Hurst, Jr., Freight House
William Kearnan, Production
Henry Krawczyk, Spin. & Twist Pts.
Andre Lessard, Research
Ralph Levesque, Production
Anne McCann, Production
George Mandeville, Punch Presses
Alan Paddock, Steel Fabricating
Arthur Roireau, Inspection
Fred Rondeau, Paint & Sanitation
Lucy Ross, Production
John Rumonoski, Steel Fabricating
Lawrence Southwick, Milling Job
Leo Vachon, Punch Presses
William VanNess, Sr., Traffic Dept.
Wilfred Villemaire, Punch Presses
Ralph Walley, Dup. & ATF Parts
James Wayland, Supply Room

10 Years
Michael Bodnar, Steel Fabricating
John Johnson, Punch Presses
Harriet LaFleur, Cost Dept.
Stephen Lyshak, Synthetic Sales
Thomas Mateer, Electrical Maint.
Helen Miller, Production
Royal Noe, General Machining
William O'Connor, Production
Clarence Pratt, Lathe Dept.
Rene Rock, Steel Fabricating
Clarence Roy, Garage
Zoltan Szaloki, Product Dept.
Robert Trottier, Storesrooms
Charles Tyks, General Machining
Normand Vadensais, Foundry

5 Years
Martin Hoyt, ATF Press Erecting
Adelard Ouillette, Garage
John Kay

The invention of the fly shuttle by Englishman John Kay in 1733, was one of the first inventions which changed the textile industry from a hand operation with meager output to one of power machinery with enormous production.

Kay's shuttle met such opposition from weavers of the time that he was forced to leave England and go to France. He died there years later in poverty.

Among Kay’s other contributions to the textile industry were improvements in dressing, batting and carding machinery; a new machine for making, twisting and carding mohair and worsted and for twining and dressing thread; and development of the Dutch boy and the inkle loom.

Despite the early opposition to his inventions, they are—with modifications—in use in the manufacture of textiles today.
WHITIN

News Roundup

A.T.F. PRESSES
by Robert Anderson and Aram Blanchard

Well, the beginning of another year and hockey is at its peak with many fans from Burrillville rooting their team to another championship. We wish Gordon Baker luck with his coaching job of the Pee Wee League.... Anyone interested in flying should talk with Mike Avedian. He has an Instructor's license and some good sound advice.

Harry Frisiello is not doing so good with his bowling lately but is maintaining a 102 average. Bob Anderson is high man on this floor with a 111 average. Next to Bob is Aram Blanchard with 110 and Tom Tetreault with 108. These are duckpin averages.... Roger Pouliot just moved into his new house and we wish him lots of luck.

TOOL JOB
by G. Jones and H. I. Daiton

Joseph Baxter and Steve Waterman, of the Tool Job night shift, converted an old school bus into a camping trailer. They are using it week ends hunting deer in Vermont. John Cencak, of the night shift, was a guest of Steve and Joe one week end. John shot a large buck. .... Richard Bosma, Jr., also shot a deer in Vermont. John Torosian, Tool Job Methods Man, traded his 1962 Mercury with 9000 miles on it for a 1963 Mercury because the back window goes down and his dog, a Doberman Pinscher, can stick his nose out....

Mr. and Mrs. Ernest Koosteria celebrated their 24th wedding anniversary. Joseph Rosol and Chester Frieswick received their 25-year pins from Mr. Burley.

Our sympathy to Francis Haggerty, of the Tool Job, on the death of his mother.

STEEL FABRICATION
by Alfred H. Nichols

Happy news--The SPINDLE will be published every month! Congratulations to those who decided on this move. This new schedule is appreciated by many employees. Since the notice for a January column arrived a bit late, we will not have any news from the department, but we certainly want to be included in the first issue of the new year.

A happy '63 to all!

TRAFFIC DEPARTMENT
by Robert H. Fougere

We welcome Leonard Ethier who has joined us and is working in the Parcel Post Crib. Leonard graduated from St. Mary's High School, Milford, and at the present time, he, his wife Connie and son Albert, 2, are residing at 349 South Main Street, Woonsocket. Dave Debasis has been transferred to the Receiving Department. The best of luck to you fellows on your new jobs.

We wish Katherine Kearnan, of the Repair Department, a speedy recovery. Katherine is a patient at St. Vincent Hospital in Worcester.

Can You Name Her?
The creature described below is your enemy. If you can't guess her name, turn the page upside down:

- The swiftest traveler of all the ills on earth.
- At the start a small and cowardly thing, it soon puffs itself up and, walking upon the ground, it buries its head in the cloudbase.
- A swiftfooted creature, a winged angel of ruin.
- A terrible grotesque monster.
- She terrorizes whole cities, loud-speaker of truth, hoarder of mischievous falsehood.
- Regaling the people with various scandal... announcing fact and fiction indiscriminately.

THIS IS YOUR ENEMY
3000 feet up.
The devil's pole, Vrilian seam her.
Her name is Humus, as...

BOX JOB, WOODWORKING
AND KNEEBRACES
by Louise Solhigian and Alice Travaille

Joseph Jancezyk now has three sons in the Service, James, William and Raymond. Ray recently married Patricia Scott in North Carolina. Wallace Smith, son-in-law of timekeeper Lucy Ross, recently underwent major surgery at St. Vincent Hospital, Worcester. We hope he will soon be on the road to recovery. Dimitry Pristawa, Mabel Lemieux, Edith Fior and Ed Lamonagne have returned from sick leave. We are happy to have them all back.

The Christmas party for Mr. Perkins' departmenets will be held on the job during noontime on December 20, with Aunt Mary's catering service providing the dinner. Ben Oles' daughter Kathleen has begun nurse's training at St. Vincent Hospital, Worcester. Ted Patterson hopes to be in his new home for the Christmas holidays. Henry Blanchette, son

No doubt a number of Whitin men will recognize themselves in this photo of the A. R. F. Armenian Drum Corps taken some 22 years ago

Scanned 2/23/2014 ©TrajNet
of Al Blanchette, serving aboard the destroyer tender U.S.S. "Cascades," returned from Italy, had a short leave, then sailed for duty in the Cuban crisis.

**MILLING DEPARTMENT**

by Edward Boutielle

Binar Hagopian had charge of the gift table for the recent Food Fair and Festival held by the Young Adult Group of the Armenian Apostolic Church in December. On December 8, the department held a Christmas Party at the Beverly Club in Bellingham. It was well attended. Thomas Daley is on jury duty this month. Mr. and Mrs. Carl Mattson celebrated their 23rd wedding anniversary with a family dinner.

A new member has been added to the "416 clan," Hector Chevrette. Hector is a very witty individual and nice to have around. We hope his stay with us will be a happy one. The job is going "Rambler." We have two new owners to add to the list, Russell Palmer and Thomas Daley.

**RESEARCH DIVISION**

by Virginia Burke and Lorretta Riddell

Our annual Christmas party was enjoyed by all who attended. It was held at Aunt Mary's and 70 couples from Research were there. The place had been decorated ahead of time by a couple of our more ambitious girls and things were really gay. We enjoyed watching ourselves in color one noon-time when Rachel Roy brought over a film she had taken on her last day with us. Floyd Gudanowski was the star of the show and Tom McCallum was camera shy. Ray Chahary, Joe Kostka and many of the other boys on the second floor all turned out to be quite photogenic. Joe Gauvin had his picture taken with one of the girls, naturally. A pretty, young one at that, Nancy Abramek.

Congratulations to Bob Courtemanche and his wife on the birth of a baby son. Bob passed out the customary cigars and brought the girls a nice box of candy.

In order for the readers of the Spindle to get better acquainted with R & D people, we will interview one of our personnel occasionally. This month we interviewed one of our newer employees, Paul Vilandre of Spencer. Paul came to Whitin June 1, 1962. He was graduated from St. Francis High School in Biddeford, Maine, and Worcester Polytechnic Institute. Paul has a lovely wife and a 2½ year old daughter, Karen Sue. He is a bowling enthusiast; also a golfer. Most of Paul's free time is spent finishing a rumpus room in his new home.

Stephen Hughes, son of William Hughes of Research and Mrs. Hughes, was married to Sandra Berg in California on September 23. The young couple will make their home in California where he is stationed with the Army.

Our sympathy is extended to Jean Mandeville of Research whose father passed away on November 26, and to Michael Pontes who lost his two brothers-in-law the week of November 26, 1962.

**MACHINING, SPINNING, TWISTER AND CARD ERECTING**

by Emily Quiqley

John Fleszar, Department 435, has returned to work after several weeks at home convalessing from an operation. Here's hoping that A. Lapierre, Department 448, gets a lot of enjoyment driving his new Buick. W. Bromley, Department 448, advises anyone going on hunting at night to take along a good compass. The night hours are long—especially if you get lost and have to spend the night in the woods.

R. Roy, L. Carter and J. Baldys are back at Department 448 after being farmed-out to other departments for a few weeks.

**CHUCK JOBS**

by R. Conlee

New faces on the job are as follows: Al Lozier, Jr., transferred from Department 410 and Wilfred Oiklen, a new employee. We welcome both men and hope their stay with us will be an enjoyable one. Walter and Mrs. Krupski celebrated their 14th wedding anniversary recently.

Report of new cars have come from James Osecki, Mike Courtemanche and Charley Malkssian. Bill Taylor and Alfred Rousseau are on the sick list. We sincerely hope they are feeling better and will be back with us before long.

Nick Becta, his brother and a friend went hunting in Vermont and came home with four and five point bucks. "Chuck" Baird, son of Mr. and Mrs. Wilbar Baird, made the highest honor roll at Clark University. Chuck is in his third year.
ENGINEERING and MASTER LIST DEPARTMENTS
by L. Hickey and L. Lucier

Master List held their annual noon-hour Christmas party on December 21. ... Wedding anniversary congratulations for the month of December to Mr. and Mrs. Joseph Roche and Mr. and Mrs. Louis Lucier.

Congratulations to the winners of the first half of Engineering and Master List Departments' Thursday noon-hour bowling league. League president, Philip J. O'Grady will present trophies at the coming banquet to Capt. Elwin Elliott, Chet Golash, Bob Dominy and Bob Lataille. Winner of the trophy for high single is Jack McElreath who rolled a high of 140. The second half will start on February 7, and all Engineering and Master List personnel who are interested in joining are urged to contact Philip J. O'Grady. ... Al Cavallaro has won a berth on the indoor pistol team of the Stony Brook Rod and Gun Club of Lonsdale, R.I. Good luck Al on your forthcoming matches in the Rhode Island Rifle and Revolver Association's Winter League. ... As we are now starting 1963, a new year, our SPINDLE is going to be issued around the first of each month, which means we hope that everyone will contribute some news items to keep our column going. If anyone has a "hobby" and would care to write a brief article on it, we would like to have it, also any pictures of your families.

REMEMBER, TO HAVE A COLUMN WE MUST HAVE NEWS.

You're Not Alone

When you're frustrated, don't feel you're a special victim. If you could take a "frustration survey" you would feel better, says Vision magazine, because everybody:

Puts time and effort into work which turns out to be useless.
Runs into several snags on any undertaking.
Finds his efforts undone by somebody else.
Gets further delayed when he is already late.
Can't find some indispensable tool or piece of paper when he's all ready to start a project.
Does a good job for which someone else is rewarded.
Loses out on something which was almost in the bag.
Finds an apparently simple task difficult to do.
Often fails to get what he wants.
Has his best-laid plans fall apart.
Now and then finds everything just too much for him.

In Memoriam

Arthur B. Ballou, 78, retired Whitin toolmaker, died in the Woonsocket Hospital on November 12.

Michael A. Mountain, died in the Whitinsville Hospital on November 5. He was a Whitin employee for 38 years before retiring in 1958.

William J. Boudreau, 75, died on November 19. He was a machinist for more than 20 years before retiring in 1952.

William J. Fogarty, 53, employed as a clerk in the Ring Department, died November 27. He was a veteran of World War II.

A GOOD GRIP PREVENTS A SLIP!