

Hamilton needs you,
to drive carefully
during your
vacation

Timely



Topics

Rides, rooms and
apartments badly
needed. If you can
help in this matter
contact Personnel.

June 26, 1947

★

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Vol. 5, No. 5

HAMILTON CHORUS CLOSSES 16th SEASON



Hamilton Chorus on stage of F. & M.'s Hensel Hall

CHORUS ORGANIZED IN 1930 BY H. R. LAWRENCE, TREASURER

CHORUS COMPRISED OF 65 MEMBERS

The complete list of chorus members is as follows:

Automatic: Barbara Christensen, Dorothy Dennis, Martha Dreider, Nelson Shickley, Donna Stone, Suzanne Wiley. *Bal. & Hairspring Assembly:* Tom Morgan. *Balance & Flat Steel:* Charles Habecker, Paul Harnish, Miriam Kauffman, Robert Kauffman, Abram Longenderfer, William Mack, Robert Shoff, Catherine Smith. *Balance Staff:* Louise Johnson, Russell Markert, Helen Rinick. *Case Office:* Lois Jensen.

Case Stock (Inspection): Harold Smith. *Chemical & Metallurgical:* Margaret Shade. *Cost Analysis:* Marion Rios, Mary Ellen Sheppard. *Damaskeening:* Margaret Dommel, Ruth Meyer. *Dial:* Alice Johnson. *Dial & Material Stores:* Julia Heida, Russell Hershey. *Escape:* Sarah Bushong, Celeste Cook, Yvonne Hagelgans, Beatrice Kirchner. *Finishing:* Frank Russell. *Hairspring Mfg.:* Betty Reese. *Inspection:* Jane Hershey, Harry McCullon.

Jewel Setting: Esther Miller. *Maintenance:* Edward Joline. *Material Sales:* Ed Hendrix, Irene Linderman, Beulah Stauffer, Ira Wolf. *Metals Processing:* Earl Eisenberger. *Payroll:* Jean Doll. *Plate:* Jane Beasley, Louise Bender, Daisy Hillier, Jane Hougendobler, Chester Smith, Erla Witmer. *Production Control:* Wallace Bork. *Production Dispatching:* Dorothy Neidamy, Herbert Roberts. *Process Planning:* Dorothy Mumma. *Secretary to G. P. Luckey:* Arlene Hoff.

Secretary to C. C. Smith: Mary Caulfield. *Service:* Jean Ackerman, Clara Mohr. *Timing & Casing:* Grace Brogan, Robert Diffenderfer, Vera Sowers. *Time & Motion Study:* Nancy Brown. *Traffic:* Dick Benner. *Train:* Adelm Meyer. *Watch Design:* Francis Meyer. *Honorary members:* Rev. Raymond L. Fetter, Theresa Fetter, Calvin M. Kendig, Harry R. Lawrence.

The Hamilton Chorus was organized by Harry R. Lawrence (treasurer) in 1930.

Its first official director was Frank A. Thas, who no longer is with this company.

The original Hamilton Chorus consisted of 30 members who sang for Christmas programs only.

In 1934 the Chorus branched out and Christmas concerts were also given at the Lancaster County Home and Rossmore Sanatorium.

Fifty members constituted the Chorus in 1936 with the programs presented being strictly Christmas affairs.

The largest number of employees in the Chorus was in 1942 when 105 mixed voices constituted the roster.

In 1937 Abram Longenderfer became the Chorus director and under his guidance the Chorus developed into one of the most popular singing groups in Lancaster.

During the present season of 1946-47, the Hamilton Chorus presented 17 concerts. The concerts presented were: Quarryville High School, Columbia Lutheran Church, Men's Club of the Millersville State Teachers College, Lancaster Elks, Christmas concert for Hamilton employees, Traffic Club (Lancaster), Ephrata Rotary Club, Hummelstown Rotary Club at the Hershey Theatre, Eastern Star Lodge (Lancaster), Ephrata Lutheran Brotherhood, Mount Joy Rotary Club, Lafayette Lions Club (East Lampeter), First Methodist Church (Lancaster, Hensel Hall), Union Presbyterian Church (Oxford, Pa.), Moravian Church (Lititz), Landisville Campmeeting.

The Executive Board elected for a one year term consists of: Wallace Bork (Prod. Con.), Charles Habecker (Bal. & Flt. St.) and Russell Hershey (Prod. Con.).

The honorary members present were: President Calvin M. Kendig, Harry R. Lawrence (Treasurer), Reverend and Mrs. Raymond L. Fetter.

Special citations were awarded to Beulah Stauffer (Mat'l Sales) and Jane Hougendobler (Plate).

A "Double or Nothing" show was put on by Paul Harnish (Bal. & Flt. St.) while group singing prevailed during the banquet.

CHORUS COMMITTEES NUMBER 30 MEMBERS

The officers of the various committees of the Hamilton Chorus for the 1946-47 concert season were:

Executive Board: Two (2) year terms—Ed Hendrix (Mat'l Sales), Catherine Smith (Bal. & F. S.). *One (1) year term:* Wallace Bork (Prod. Con.), Russell Hershey (Dial & Mat'l Stores), Charles Habecker (Bal. & F. S.). *President,* H. L. Roberts (Prod. Disp.), *1st V. Pres.,* Robert Fickes (Sp. Asm.), *2nd V. Pres.,* Jane Hougendobler (Plate); *Secretary,* Jean Doll (Payroll); *Treasurer,* Esther Miller (Jwl. Set.).

Membership Committee: Edward Joline (Maintenance), Chairman, Clara Mohr (Service), Lois Jansen (Case Office), Arlene Hoff (Secy. to Mr. Luckey), Tom Morgan (Bal. & Hpg. Asm.); H. McCullon (Insp.).

Music and Program Committee: Beulah Stauffer (Mat'l Sales) chairwoman, Francis Meyer (Watch Des.), Abram Longenderfer (Bal. & F. S.), Paul B. Harnish (Bal. & F. S.); Irene Linderman (Mat'l Sales).

Publicity Committee: Julia Heida (Dial & Mat'l Stores), Adelm Meyer (Train), Helen Rinick (Bal. Staff), Russell Markert (Bal. Staff), Chester Smith (Plate).

Transportation and House: Earl Eisenberger (Metl. Proc.), chairman, Dorothy Neidamy (Prod. Disp.), R. Benner (Traf.), A. Johnson (Dial).

ORGANIZER STRESSES CHORUS SUPPORT

Taking a deep interest in music, Harry R. Lawrence (treasurer) conceived the idea of organizing a chorus at Hamilton in 1930. From that year until the present Mr. Lawrence has devoted much time and service to the chorus. He has seen it grow into one of the outstanding industrial singing groups in Lancaster.

The following statement from Mr. Lawrence under the heading of "Home Talent" gives the readers of this issue a better insight on the importance of the chorus as a goodwill ambassador for the company among the thousands of persons who have heard the chorus in their concerts. Mr. Lawrence writes:

"How many times have we attended concerts, vocal and instrumental, paid as much as \$4.80 for each performance to hear 'One of the most brilliant recitals,' 'Voice of rare richness,' 'A prima donna,' 'A rare combination of beauty, brains, and ability,' 'Electrifying qualities,' 'Genius with phenomenal execution,' etc. But in spite of all the foregoing newspaper publicity phrases, we have come home highly disappointed with a feeling that, 'I am sorry that I went,' or 'Just another evening wasted.'"

"Why do we go? Because the 'stars' were 'outside talent' from Broadway, Hollywood, Philadelphia, Vienna, Paris, and therefore they had to be good. However, this is not always the case. While they have perhaps made appearances in the cities just named, from where did they originally come? Many of them came from locations just like ours, a small village, a hamlet or a house by the side of the road, where at one time they too were local talent. But to make good they had to leave home. Americans must go abroad, Europeans must come to America, Lancastrians must go elsewhere. Did you ever read Dr. Russell Conwell's great book, 'Acres of Diamonds'? In it he tells the story of a man who searched the world over for diamonds but where did he find them, yes, in his own backyard."

"How many of us have heard our Hamilton Chorus in any one of the many concerts which they have been

giving in the surrounding communities and our city? Yes, 'outsiders' are eager to hear them. Churches and school auditoriums have been packed. Their services are in constant demand. Do we, their fellow employees, appreciate what they are doing? Do we realize their contribution toward a better appreciation of good music and, probably the most important of all, do we realize that they are spreading a gospel of goodwill which cannot help but draw to Hamilton the better class and type of employees? Isn't it true that industries that sponsor organizations such as our Hamilton Chorus, leave an impression with the public, and rightly so, that Hamilton must be a good place in which to work?"

"A pat on the back for every member of our chorus and its hard-working director, Abram Longenderfer, is certainly in order. Another splendid and even remarkable thing about the chorus is that it has been in continuous existence since the date of its organization in 1930, and also that some of its charter members are still singing with the present group. Is it not true that home talent like home cooking is still the best? Isn't it too bad that we have diamonds in 'our own backyards' without knowing it? Shall we make it unanimous and say 2700 of your fellow employees are proud of you? Keep on plugging, you are headed in the right direction."



Comedian Paul Harnish

LIBRARY
& Research Center

NEW CHORUS OFFICERS ELECTED AT BANQUET

The Hamilton Chorus held its annual banquet at the Ephrata Legion on June 17 with 58 members in attendance.

The new chorus officers were elected for the 1947-48 season with their installation listed for September when the new season begins.

The officers elected were as follows: President, Robert Fickes (Spec. Assem.), 1st Vice President, Dick Benner (Traffic), 2nd Vice President, Ed Joline (Maintenance), Treasurer, Nancy Brown (Fact. Rates & Cost Stds.), Secretary, Arlene Hoff (Sec. to G. P. Luckey).



Smith, Doll, Brown Trio

The Hamilton Watch Company Employee Newspaper

EDITORIAL BOARD

Wallace Bork, Chair., Prod. Control
J. Ed. Miller, Case Order DivisionMargaret Shade, Chem. and Met. Res.
Hazel Keller, Case Office

EDITORIAL STAFF

General News and Production, Charles H. Frey
Cartoonists, Charles Shindell, Jr., and Herbert Musselman
Personnel Consultant, R. A. Preston

PHOTOGRAPHS IN THIS ISSUE

Timely Topics is indebted to the following people for photographs in this issue:
Ken Weeks, "Girls' Softball."

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LANCASTER, PENNSYLVANIA—JUNE 26, 1947

We, the People

It takes many things to make fine watches — vast facilities built up through years of progress; it takes machines, equipment, experience. But most of all it takes people.

Hamilton Watch is what Hamilton employees have made it—and the reputation which our company enjoys throughout the country among proud owners of Hamilton watches, as well as the jewelers who sell them, indicates that we have done a good job. Hamilton's reputation is tops because it is built on the solid foundation of quality—a hearty respect for the little things which make the big difference.

We will stay at the top, our reputation will continue to be good as long as each and every Hamilton employee shares with all other employees the common understanding that it is up to him. The future reputation, the future success of our company is in his hands—as it was in the hands of those veteran watchmakers, those on our retired list and those whose years of service have earned them a place on Hamilton's honor roll.

Those of us who have seen Hamilton's new motion picture perhaps realize more than ever before the enviable position in the industry which our company enjoys and the urgency of maintaining this position by careful vigilance and unflinching loyalty to the cause of accuracy. With this issue of *Timely Topics* you will receive your copy of a new booklet which tells the story of "What Makes a Fine Watch Fine?"—a story in which you play an important part. Copies of this booklet will be sent to all the leading retail jewelers in the United States for the information and instruction of their sales staffs and for distribution to their more important customers. It will be mailed to all Hamilton stockholders and to thousands of consumers who write to us in response to our national advertising asking for more information about Hamilton watches. It will be read by the members of thousands of civic clubs and local organizations, who will also see our new motion picture of the same name.

These people will see and hear the story of fine watch craftsmanship, of patience, skill and research which go into the making of the fine American watch.

You can be proud of your company and the story we have to tell. Yours is an honest product, finely made and fairly sold by leading jewelers to people who appreciate the fine craftsmanship, the highly-developed skills which we, as individuals, put into the products we make. It is the reason why all of us can echo the sentiments of the full page newspaper advertisements which appeared last December—"We are proud to work at Hamilton."

DON'T FORGET

Timely Topics is after vacation pictures. If you snap some good ones, submit them to Timely Topics Editor, c/o Personnel Dept.

DIRECTOR PRAISES PRESENT CHORUS

Abram Longenderfer (Bal. & Flt. St.) after ten years as director of the Hamilton Chorus is convinced that the 1947 edition is the finest group he has ever directed.

"The present chorus at full strength," said Director Longenderfer, "is the finest group it has ever been my pleasure to direct. It is the most flexible chorus I have ever led in so far as the members can sing all types of songs from sacred to popular. They're easy to direct because they like to sing, they know how to sing and their fine co-operation is most inspiring."

Director Longenderfer first led the Hamilton Chorus during the Christmas season of 1937. Through his untiring efforts along with the fine co-operation and determination of all the members, the Hamilton Chorus ranks as one of the outstanding industrial singing groups in the city of Lancaster and the state.

Director Longenderfer, who is an outstanding soloist in his own right, started his singing career at the age of 19 under Harold Sharr. He later studied voice at West Chester State Teachers College and also studied repertoire under Dr. Lucksthorne of New York University.

Besides doing solo work and directing the Hamilton Chorus, Director Longenderfer during his musical career has sung and directed the church choirs of Zion Lutheran, St. Paul's Methodist, Emmanuel Lutheran and St. Paul's Lutheran of Millersville, Pa.

In his chosen field, Mr. Longenderfer is considered one of the outstanding chorus directors in this city.

OFFICERS INTRODUCED AT HMA JUNE MEETING

At the final meeting of the Hamilton Management Association for the 1946-47 season held on the evening of June 16 in the Auditorium, the new officers for the 1947-48 season, who will take office in September, were introduced.

The new officers are: Harry R. Lawrence (Treasurer), President; John L. Owen (Personnel Res.), 1st Vice President; Joseph H. Gegg (Prod. Con.), 2nd Vice President. The Executive Board Members elected for one year terms are: F. S. Franklin (Sales), R. A. Dirks (Machine Shop) and S. L. Evans (Balance Staff). The Board Members serving for three year terms are: R. B. Thompson (Comptroller) and R. M. Kant (Vice Pres. Pub. Rel.).

The guest speaker for the evening was, H. J. Post, Managing Director of the National Association of Foremen, Dayton, Ohio, who spoke on "Supervision in Manufacturing."

Following the talk, two Hamilton motion pictures were shown.

The meeting was concluded with a luncheon in the cafeteria.

A LETTER FROM THE CHORUS PRESIDENT

To you, our Hamilton Associates:

The Hamilton Chorus under the direction of Abram Longenderfer has been privileged to serve you, our associates, of the Hamilton Watch Company during the 1947 concert season by renditions to you, your families and friends and people within Lancaster and communities covered by a 60-mile radius.

We have appreciated this privilege that you have made possible, because each one of us gains self-satisfaction in the only compensation that we derive. Compensation! Yes, we are amply repaid for our concert and practice time efforts through hearing your applause, seeing the joy upon the face of some elderly person, and knowing that any funds collected will be used for a charitable community cause. We do not pass a church which has been rebuilt, and point to it with false pride, saying: "Through my efforts, some of that masonry was possible." Neither do we say, "We paid for an interest in that blindman's dog" or "See that gold braid on that boy's band uniform, I made that possible." We, as a chorus, merely thank God who has granted us the power of our talent in attaining our obligation to mankind in part.

The Hamilton Chorus is a non-profit organization. It is one of the easiest organizations in which to gain membership. In fact, if any of you wish to serve your friends and community and enjoy singing, make it known to any member of the chorus and you will be welcome.

Our 1948 performance season will begin in September, 1947, under the administrative leadership of new officers and the direction of Abram Longenderfer. What will our programs be? Definitely different! We will endeavor to give you a variety program of musical acts, vocal, instrumental, comedy and dancing in our secular programs. Our sacred programs will consist of new and inspirational numbers. The soloists, which you all have so greatly appreciated, will be with us again and new ones who will undoubtedly be received with enthusiasm.

One of the spectacular events of the year will be sponsored by the Hamilton Recreation Association. You will receive due and timely notice as to this event and you will be privileged — I have given you enough about this event, therefore if I said any more I would be stealing the surprise from the Hamilton Recreation Association.

To our associates, management, and in fact every member of the Hamilton Watch Company family, the Hamilton Chorus is obligated for past kind support and assures them we will endeavor to meet their future expectations.

Respectfully, Herbert Roberts,
President, Hamilton Chorus

TELEPHONES ARE BUSINESS TOOLS

Telephones are as necessary to our business as your working equipment is to you. The number of trunk lines coming into our plant limits the number of calls that can be handled.

Your co-operation is requested regarding the use and abuse of this instrument. Calls of an emergency nature will be handled by the Personnel Department for you but it cannot handle the large number of calls coming in to change a dinner date, time of meetingplace, etc.

For your convenience, a pay phone has been installed in the West Tower to be used in "off work" hours.



Joe Walkaround

One of the new schools to tour the factory was the AMERICAN INSTITUTE of WATCH REPAIR from PHILADELPHIA starting on May 28 . . . The PERSONNEL DEPARTMENT was a busy place the first of June with many high school graduates and students applying for jobs at HAMILTON . . . Hats off to the Cafeteria personnel composed of: IOLA SHILEY, MARY DOMBACH, MARY HOFFMAN, LEAH KOSER, MARY



Joe Walkaround

HOWETT, LAURA SEBELIST, MABEL FOULKE, MABEL HUBER, PAULINE BENNER, MARGARET HOUSTON, HELEN McKELLY, BLANCHE FISHER, KATHRYN MARANTZ, MAUDE MCCOY, SOPHIE MURRAY, HELEN GANSE, CELIA WOLPERT, ALMA DITZLER, ELVA HILTON, CARRIE BITTS, ELLA LONG, ANNA HEISS, ART MCCORMICK, EZRA BUCKWALTER and HARRY MILLER . . . This contingent of hard workers under the capable leadership of PAUL RODGERS prepare all the meals and handle all the chores to make the HAMILTON cafeteria one of the finest eating places of any industrial cafeteria in the business . . . It's a tough job to satisfy the appetites of a lot of employees, but the HAMILTON cafeteria personnel seem to be handling the job efficiently.

Heard some of the girls talkin' about doin' their Xmas shopping early . . . Why does AL KLEINER (Train) call everybody ELMER? . . . Who's the guy who wanted to know whether the movie, "THE YEARLING," was the story of a race horse? . . . VIC FRIDINGER (Dial), who plays third for the ENGINEER team in the HAMILTON INTER-DEPARTMENTAL SOFTBALL LEAGUE, has a way with the umps . . . Ask BOB WELSH (Adv.) . . . JIM FARMER is now working in a new department known as PRODUCTION PERFORMANCE . . .

LYNN WALLICK (Train) got quite a workout on May 29 . . . After HAROLD SHOFF (Train) took him two squares from his home in Millersville, LYNN had to run the remaining distance to beat a storm that was breaking overhead . . . After a near collision with a parked bike, LYNN pulled into port safely with no harm done . . . The kid has a nice stride . . . Hollywood talent scouts please note: BOB WILSON (Purchasing) reports that his new baby daughter, CLAUDIA EILEEN, is quite some gal and he expects big things of her . . . Reports have it that Grandpappy BOB WADDELL (Adv.) is still stiff and sore from ambling around with the cigars on the May 13th date when CLAUDIA EILEEN made her proud entrance into this old world . . . FLORENCE BLUMENSHINE (Pat. Sec.) recently spent a week in Detroit and likes the Motor City very much . . . The remodeled CASE OFFICE really looks the goods . . . DICK SCHOBOR (Mat'l Sales) must really be a good fisherman from the way he talks.

HEN BENNER (Traffic) took some indoor pictures with emphasis on his young son, LARRY DAVID . . . The pictures didn't come out . . . Now we know where you can buy a camera cheap and if you're interested see HEN BENNER . . . After going through World War II without a scratch, LEFTY FRITSCH (Display) tripped over his shadow going into second base in a recent Inter-Departmental Softball League game and came up with a bruised heel . . . Understand BLAKE DULANEY (Order Div.) once had a toothache, went to the dentist, had the tooth out, returned home with the toothache, later found the molar extractor yanked the wrong bicuspid . . . Get CHARLEY (Curly) MILLER (Train) to tell you about the herb doctor he encountered at the East Petersburg sale . . . It's a beaut . . . FRANK KOZCKI (Tab.) wants to rent his bald head out for advertising space . . . Naturally frontage space will be at higher rates . . . ROY SENSENICH (Model Shop) is shoutin' the praises of his GILBERT SERVICE AWARD strap watch . . . It has run for 105 consecutive days without losing a second.

TIMELY TOPICS has another cartoonist along with CHARLEY SHINDELL (Escape) . . . His name is HERB MUSSLEMAN (Prod. Con.), an ex-GI . . . NANCY HESS (Watch Res.) thinks married life is a great institution . . . How do you like the new sugar lumps? . . . That's class, Junior . . . Definition of an optimist: A guy who thinks his wife has quit cigarettes when he finds cigar butts around the house . . . CHRIS HERR (Spec. Mfg.) says the next time he and his pal go fishing at the Conowingo dam they're gonna take the batteries and paddles along for their motor boat . . . Understand AMY KLINE and TOM McFADDEN, both of Maintenance, are looking forward to a summer fishing trip to Canada . . . RUTH McDIVITT (Prod. Con.) is quite a fite pfann . . . KEN WEEKS (Personnel) is waiting for the week of July 11 when he along with 22 other members of the ELKS drill team board a plane for Portland, Oregon, and the ELKS convention where they compete for honors on July 16 . . . Proposed plans are under way for a HAMILTON FAMILY PICNIC at Rocky Springs Park on August 2 . . . HARRY RUTHHART (Mat'l Sales), who just returned from a business trip down south, sez things in the land of Dixie are rollin' right along . . . Our apologies to FRED BOULTON (Order & Exp. Sales Mgr.) for misspelling his last name in a front page story in May issue of T.T.

One of the wild rabbits that roam the HAMILTON campus was given a brief look at the inside of the factory by ART URBAN (Mat'l Stock) under the very snozzola of WALT RATHKEY of the same department who is also a game warden . . . We understand the wabbit squealed . . . TED HIBNER (Dial) has some 24-year-old tatoos on his arms which he sez was put there when he was a 17-year-old Navy guy . . . Reporter anonymous tells us that CHET BOSTICK (Maintenance) plants tulip bulbs upside down and then wonders why only half of them come up . . . JOHNNIE DUDLEY (Prod. Plan.) likes to brag about a book and pencil foundry known as LEHIGH . . . Ever hear of the place? . . . AL MATTHEWS, formerly of the EQUIPMENT & TOOL DESIGN section, is now TRAINING SUPERVISOR . . . JOHNNIE STOLTZFUS (Finishing) is braggin' about his baby son born on May 10 . . . The little fellow tipped the scales at 6 lb. 14 ozs. at birth . . . WYN DAVIS (Dir. of Planning) became a Pop on June 11 . . . Mrs. Davis presented him with a baby daughter, CYNTHIA JEANNE.

ELINVAR-EXTRA HAIRSPRINGS NOW IN ALL HAMILTON WATCHES

By M. N. RIVENBURG

Hamilton's retail jewelers were recently told in a special mailing what many employees have known for months: namely that Hamilton's new hairspring is now being used in every size and grade watch we make. The news was enthusiastically received by jewelers and watchmakers and it explained the mystery of the white, shiny hairsprings that had been turning up in grade after grade of new Hamiltons delivered since the end of the war.

The story of Hamilton-Elinvar Extra dates back to the middle thirties. At that time Hamilton's hairsprings were made of Elinvar—an alloy developed in France. Elinvar was a fine hairspring—far superior to the steel hairspring then used by most watch manufacturers—but Hamilton's technical men weren't satisfied with it. They dreamed of a spring that was even less affected by changes of temperature and one that was even less affected by magnetism. And so began the long months of research for a better hairspring. Study of the research findings of International Nickel Company very early promised that material for a better hairspring might well be found among the iron-nickel alloys. Continued research supported this idea and ultimately led to the alloy which is now called Elinvar-Extra and which we make under license from International Nickel Company.

When war in Europe began to threaten our source of Elinvar, research was speeded up and in 1939 a pilot steel mill was set up in the Metallurgical Laboratories—then occupying part of what is now the Traffic Department. And then began the months of practical research—of making test heats—of wire drawing—of hairspring forming and then testing the springs in watches. Ed Shubrooks (Chief Chemist and Metallurgist) and his staff literally and figuratively sweat through this stage.

The first Elinvar-Extra hairsprings were made for the then new 16 size railroad watch—the 992B, only a small quantity of which were sold before Pearl Harbor changed our plans. Elinvar-Extra then went to war and, as most employees know, did a magnificent job in the famous Hamilton Marine Chronometer and our other war timepieces.

Adapting Elinvar-Extra to all Hamilton's civilian watches was given priority at war's end. Springs for the 6/0 size men's strap watch were ready; that size was made during the war. But the 10 size pocket watches, the 14/0 size strap watches, and the 21/0 and 22/0 ladies watches all were scheduled to be equipped with the new spring.

It's one thing to draw wire .0109 (approximately eleven thousandths of an inch) by .0190 (nineteen thou-

sandths of an inch) for the marine chronometer hairspring or .00295 (approximately three thousandths of an inch) by .0090 (nine thousandths of an inch) for the 16 size spring, but it's something else to draw the wire .00074 (seventy-four one hundred thousandths of an inch) thick by .0036 (thirty-six ten thousandths of an inch) wide—1/5 the thickness of a human hair—and form it into a spring. So it took a little time to make the alloys, forge the ingots into bars, swedge the bars and draw them into the different size of wire—to say nothing of testing the springs and the making of special tools before beginning mass production. For so big a project the job was done in record time . . . and a good job it was. Hamilton Elinvar-Extra is one of the things we point to when we tell the story of "What Makes a Fine Watch Fine?"

What, you may ask, are the special advantages of Elinvar-Extra? What do these hairsprings contribute to the performance of Hamilton watches? How are the new springs different from the Elinvar we had before the war?

To the owners of new Hamilton watches Elinvar-Extra means even finer performance regardless of the normal temperature changes to which our watches are subjected—performance which is not permanently affected by magnetism.

To the watchmaker at the bench Hamilton Elinvar-Extra means rates which are not affected by normal temperature variation nor permanently affected by magnetism. In addition the new springs have exceptional isochronal properties . . . meaning that the springs operate

uniformly whether the watch is at full wind or approaching run down. Watches employing Elinvar-Extra are easier to adjust to temperature and position. Elinvar-Extra springs have a maximum amount of resiliency and, as the watchmakers put it, the springs are "rugged"—they are not affected in any way by normal handling. Oil on Elinvar-Extra springs gives very little trouble, because the coils on these hairsprings have more space between them and because the spring is highly resilient. An accidental deposit of oil is not likely, therefore, to cause the coils of the spring to stick together and in turn affect the performance of the watch. The springs have a beautiful mirror finish. And what is of considerable importance, Elinvar-Extra hairsprings are rust proof.

Add it all together, Elinvar-Extra not only affords the consumer a finer performing watch than we have ever made, but it also eliminates many of the traditional problems of ordinary hairsprings which in the past somewhat handicapped watchmakers servicing our watches.

It isn't possible here to give you a complete manufacturing story on Hamilton Elinvar-Extra. The photographs below, however, show the principal steps of manufacture. Elinvar-Extra is completely Hamilton made. The manufacturing process requires critical control and infinite care. Only the purest metals can be employed in the alloy for these springs. In the making of Elinvar-Extra, as in the thousands of other operations which go into the making of Hamilton watches, accuracy in manufacture produces accuracy in performance.

H.R.A. NOW LISTED AS A CORPORATION

The Hamilton Recreation Association is now officially incorporated as a non-profit corporation. A charter was granted on February 28, 1947, by the Lancaster County Court presided over by Hon. Judge Oliver S. Schaeffer.

The charter in part reads: "The purposes for which this corporation is formed are to provide and encourage recreational, athletic, social and cultural activities for the physical, social and mental benefit and enjoyment of its members, and to promote good sportsmanship. It is to be a corporation which does not contemplate pecuniary gain or profit, incidental or otherwise, to its members."

Preparations for securing a charter for the H.R.A. started last fall. After several conferences with Attorney Charles L. Miller, he advised H.R.A. to have its name registered in Harrisburg with the Commonwealth of Pennsylvania. After this procedure was completed, the registration paper was turned over to Attorney Miller. He then published the application of the H.R.A. in the local newspapers. The petition was then presented to the court where it received its final approval on February 28.

A list of the 14 incorporators on the charter are: Walter E. Broome (Machine), Joseph E. Butson (Damas), Joseph R. Centini (Methods Eng.), Geneva M. Flick (Plate), John H. Ganse (Insp.), Julia L. Heida (Dial & Mat'l Stores), Joseph B. McCrabb (Bal. Staff), Elwood L. Rathvon (Insp.), Ruth I. Reeser (B. & F. St.), Herbert L. Roberts (Prod. Dispatch), John A. Sherick (Service), Verna M. Wile (Flat Steel), John F. Wise (Assem. Res.), and Carl A. Yecker (Watch Des.).

The names of the directors of the H.R.A. listed on the document are: Carl Yecker, Julia Heida, Joseph Centini and Elwood Rathvon.

The H.R.A. corporation charter is on display on the bulletin board located in the hallway opposite the Personnel Office.

350 DANCERS AT H.R.A. JUNE JAMBOREE

Despite the rainy weather, 350 dancers composed of H.R.A. members and friends danced to the music of Andy Kerner and his orchestra at the June Jamboree on Friday evening, June 6, at the Maple Grove Ballroom sponsored by the H.R.A.

The decorative theme of the ballroom was pink and yellow streamers with balloons. The bandstand was adorned with peonies, iris, roses and white snowballs.

A spokesman for the H.R.A. committee in charge of the event stated that the dance was a big success despite the rainy weather.

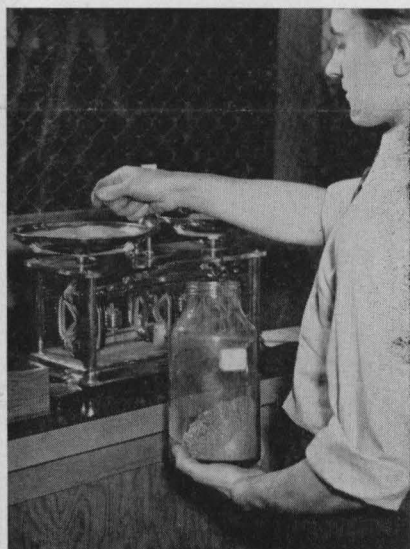
Spot dance winners were: Mr. and Mrs. "Jinx" Ganse, Gloria Gunzenhauser (Assem. Res.), Ned Gambler and Mr. and Mrs. Art Bushong.

The "Do You Want To Lead a Band" winners were: Julia Heida (Prod. Con.) and Paul Stamm. Contestants in this event were: Joane Shreve, Russell Hershey (Mat'l Stores), June McComsey, Robert Friday, Miss Heida and Mr. Stamm.

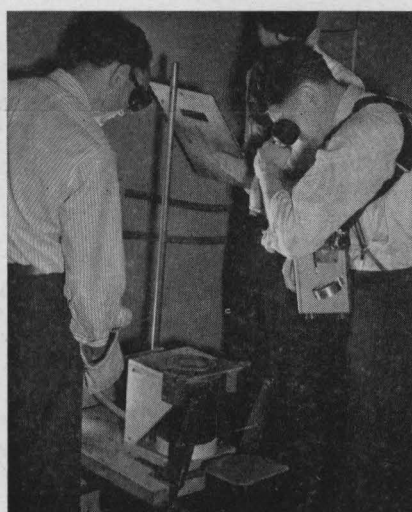
The co-chairmen for the dance were: Miss Heida and Harold Smith (Insp.).

The ticket committee was composed of: Woody Rathvon (Insp.), Carl Yecker (Watch Des.), Nancy Brown (T. & M.), Esther Miller (Jewel Set.) and Skip Wise (Assem. Res.).

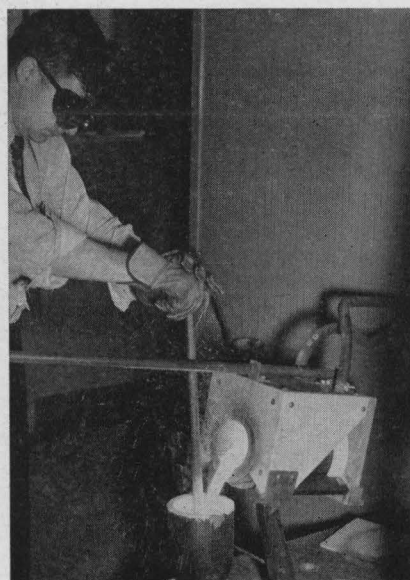
The decoration committee was composed of: Lois Jensen (Case), Ed Zercher (Bal. & Hspg.) Bill Mack (B. & F. S.).



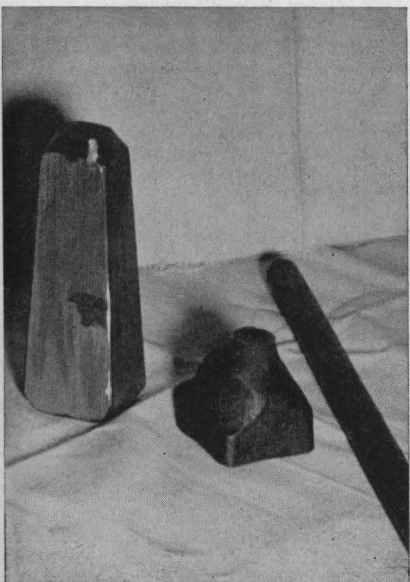
1. Each metal employed in the alloy for Elinvar Extra is weighed on laboratory type scales.



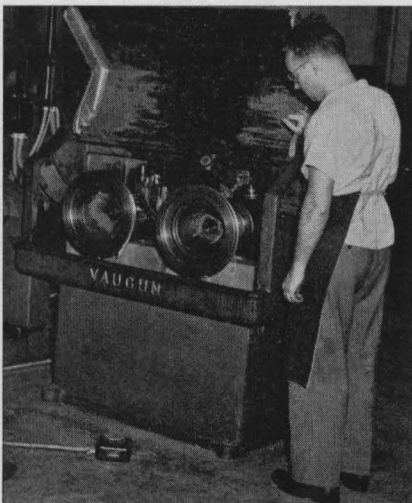
2. Metallurgists frequently check temperatures against processing time in making a "heat" of Elinvar Extra.



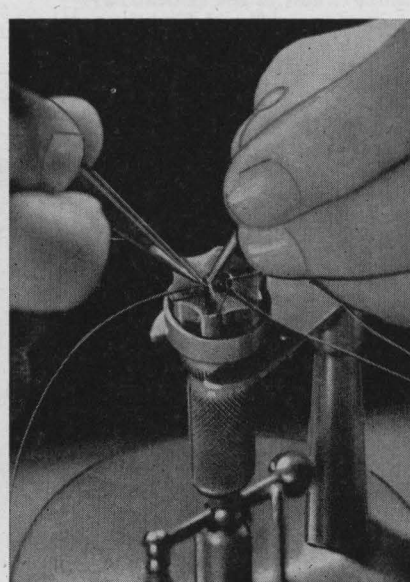
3. At a carefully pre-determined time, the "heat" is poured into an ingot mold.



4. The ingot (left) which weighs approximately 5 lbs. is then forged into a bar. The "hot top" (center) is waste.



5. After the forged bar is turned on a lathe, it is swaged and produced into wire of various sizes.



6. Hairsprings are formed in a tool like this. When heat treated, coiled and finished.

SPORTS SHORTS

BOB BRANER (Spring Rm.) fiery manager of the **HAMILTON NINE** in the **CITY & COUNTY SOFTBALL LEAGUE**, says the success of the team thus far can be traced to a lot of hustle, the will to win and the general all-around fine spirit of the club . . . One of the team's major triumphs to date was recorded over the **LANCASTER MAPLES** by a 4-3 count . . . **DAN DENLINGER** (Print Shop) picks the **NEW YORK YANKEES** and the **CHICAGO CUBS** to finish on top this year . . . **HENRI VERMOT** (Styling) thinks **BEN HOGAN**, the little **HERSHEY** pro, is the finest golfer in the business . . . **HENRI** once played a round with the diminutive chocolate soldier and maybe that has thrown **HENRI'S** admiration toward **BELTIN' BEN** quite a bit.

Did you ever know that **HARRY HOVIS** (Works Lab.) was quite a baseball player in his hey-day . . . **HARRY** played a lot of ball for **LEBANON VALLEY COLLEGE** when he was an undergrad at that institution and he also went in for semi-pro ball with **EMIGSVILLE** of the **YORK COUNTY LEAGUE** in 1925-26-27 when that club was leader of the circuit . . . In 1927 **HARRY** played for two months behind the plate for **HANOVER** of the **BLUE RIDGE LEAGUE** which at that time was a farm club for the **BALTIMORE ORIOLES** of the **INTERNATIONAL** loop . . . **DICK CURLEY**, the local pro wrestling promoter, hasn't folded for keeps at **MAPLE GROVE** as was reported in the local evening blat the other night . . . He's attempting to get connected with another wrestling clique and will be back just as soon as he can land some wrestlers . . . In all probability, **DICK** will tie up with **RUDY DUSEK** and his troupe of musclemen.

CAROLYN DeLANEY (Finishing) lists among her hobbies, baseball . . . She sez she likes to watch the boys play . . . **FRANKIE FOOSE** (Finishing) wants to know if she's interested in signing up with the **LANCASTER ROSES** as a pitcher . . . **FRANK** thinks they could use a good curve artist . . . **WYN DAVIS** (Dir. of Planning), a No. 1 fight fan, is convinced that **FAULTLESS** is a good horse . . . **RAY DIRKS** (Machine Shop) says the greatest fighter he ever saw in action was the late **HARRY GREB**, the "Pittsburgh Windmill" who fought 'em all . . . **RAY** was working as a salesman for a dictaphone company and residing in the Smoky City when **GREB** was in his prime . . . **RAY** remembers one day he was on a train heading for **PITTSBURGH** and when the train slowed down coming into the station he heard the band playing and the people cheering . . . He said he knew it wasn't for him and therefore he wasn't too highly interested in the commotion until he found out that on the same train was **HARRY GREB** and the music and the cheering was for **GREB** who was coming in from New York where he had just won the middleweight title from **JIMMIE WILSON**.

There's quite a bit of interest in the **MEN'S DEPARTMENTAL SOFTBALL LEAGUE** . . . **FRANK BITZER** (Tab.) is in the market for a good used hand loading outfit for a .22 Hornet . . . If you have an outfit you want to sell, **FRANK** will be glad to talk business with you.

Heard and seen at the pro fights on May 26 at the **GROVE** were: **KISSY KISSINGER** (Service), **RUSS KUHN** (Dial), **SKIP WISE** (Assem. Res.), **CECIL HAMRICK** (Service), **WYN DAVIS** (Planning) and **VIC FRIDINGER** (Dial), did his watching from a ringside pew . . . Aside to **GEORGE KIRCHNER**, New Era Sports Ed.: The **McCASKEY** HI javelin record we understand is not held by **BILL SNYDER**, the past season's spear wow at that institution, but the guy who actually holds the school mark is **MAC McDIVITT**, who heaved the elongated toothpick some 183 yards 6 inches back when **DICK MADISON** was running the show at the local school.

BING MILLER (Finishing) is pitching good ball for **MILLERSVILLE** in the **CITY & COUNTY BASEBALL** circuit . . . He has a world of stuff and knows how to use it . . . **BING** is still property of the red-hot **ALLENTOWN CARDINALS** of the **INTERSTATE LEAGUE** but refuses to report because they can't meet his terms . . . **GORDON MANNING**, managing editor of that highly interesting little monthly sports mag known as **SPORTSFOLIO**, is the son of **JOHN MANNING** (Friet. Jwl.) . . . **JACK SHERICK** (Service) is strictly on the ball as prexy of the **MEN'S INTER-DEPARTMENTAL SOFTBALL LEAGUE** . . . His appointment was a wise move . . . **DICK VAUGHAN** (Cost Analyst) with an eye toward the 1948 Olympics in London, figures he'll start getting himself in shape shortly by building his legs with road work before moving into the gym to sharpen his holds with workouts.

Understand **RED SHANABROOK** (Finishing), boss of the **HAMILTON GIRLS' SOFTBALL** team, has a number of sluggers on the club from reports sent in by spectators . . . **FRANKIE REMLEY** (Prod. Con.), Ye Olde Yankee pfann, had a good time ribbing **MAL BOWES**, the Wallace Clark Engineer, in the recent **NEW YORK-BOSTON** series in which the **YANKS** stole the show . . . It is this column's guess that before the summer runs out **BARNEY EWELL**, Lancaster's top man in the sprint business, will add the California Comet, **MEL PATTON**, to his list of victims . . . It's true **MEL** beat **BARNEY** in very convincing fashion on the Coast last month . . . But don't overlook the fact that **PATTON** was running in his own backyard and has established all of his better performances on the West Coast where the temperature is down his alley . . . We have a sneaking suspicion that when **PATTON** steps into Eastern competition he'll be ripe for a lacing . . . The **HAMILTON GUN CLUB** has installed a new **REMINGTON 16-yard** trap at its range . . . Also a new rifle and pistol range with a maximum of 100 yards has been installed along with an auxiliary target range of 50 yards . . . Both ranges can be used at the same time without fear of accident.

Despite the heat, some of the boys still play checkers over the noon hour lunch period in the cafe . . . Many more pitch quoits, while the croquet addicts are still pounding the ball . . . As for the ladies, their big meal time sport is sunning themselves on the campus or spinning yarns under the trees . . . Nine men of the **INSPECTION DEPT.** plan a fishing party to **TILGHMAN ISLE** in the **CHESAPEAKE** on June 27 . . . In the party will be **CARL NELSON**, **HAROLD SMITH**, **CHARLEY SCHEID**, **HENRY SCHALLER**, **MARK RYDER**, **JINX GANSE**, **JOE BROOKS**, **FRED JUDITH** and **MEL HOOVER** . . . On the same day at the same place seven members of **FINISHING** will be on a boat doing some "casting" . . . They are: **CHARLEY SHEELER**, **HAL ZIEGLER**, **JOHNNIE TODD**, **BILL GARDEN**, **BILL MELLINGER**, **JOHNNIE STOLZFUS** and **BUD OESCHGER**.

1947 HAMILTON GIRLS' SOFTBALL TEAM



Standing on top of the league in a tie with **RCA** with three victories and no defeats as of June 12, the **Hamilton Girls' Softball** team is cutting a fast pace in the **Girls' City Industrial Softball** circuit. Back row (L. to R.): **Hen Huber** (Finishing), **Asst. Mgr.**, **Betty Plourde** (Dial), **Frances Burkhardt** (Dial), **Beatrice Hershey** (Case Office), **Gloria Hillyard** (Assem. Res.), **Barbara Christensen** (Automatic), **Jeanne Graeff** (Jewel Set.), **Julia Heida** (Dial-Mat'l St.) and **Red Shanabrook** (Fin.), Manager. Front row (L. to R.): **Betty Farrey** (Automatic), **Joyce Schacker** (T. & C), **Alice Johnson** (Dial), **Lois Jansen** (Case Office), **Martha Kreider** (Automatic), **Ruth Reeser** (Bal. St.) and **Betty Goodhart** (Bal. & Hairspg. Assem.). The other players not present when this picture was taken include "Jackie" **Hoehn** (Watch Res.), **Mary Ellen Long** and **Mary Kimmich**, both of Statistics.

KEEN COMPETITION IN MEN'S S.B. LEAGUE

There's plenty of interest and good softball in the **Men's Inter-Departmental League** with youth mingling with old age to form one of the finest competitive seasons in the history of the circuit.

As of Friday, June 13, the official standings of the teams were:

Team	Won	Lost	Pct.
Engineering	3	0	1.000
Spring Rm.	2	0	1.000
Assembly Res.	2	1	.667
Finishing	2	1	.667
Timing & Cas.	1	1	.500
Office	1	2	.333
Metals Process	1	3	.250
Service	0	2	.000
Friet. Jwl.	0	2	.000

GOLF TEAM LOSES

In its first match of the current season, the **Hamilton golf** team dropped a 13½ to 7½ decision to **RCA's** golf team in a match played on Saturday morning, June 14, over the **Overlook** course.

The **Hamilton** team was composed of **Paul Afflebach** (Spring Room), **Henner Nonn** (Spring Room), **Dick Weitzel** (Metals Res.), **Jack Conklin** (Display), **E. B. "Elvie" Silvius** (Sales), **Lee Hurwitz** (Chem. & Met.) and **Mick Kiley** (Bal. Staff).

The **Hamilton** team played its second match on June 21, opposing the **Armstrong** golf team on the **Overlook** course.

MEN BOWLERS CONCLUDE SEASON

The top bowler in the **Men's "A" League** for the 1946-47 season was **Joe Centini** rolling for the **Jewel Setting** team.

In the "B" circuit the top man was **Phares Ulmer** slapping them down for the **Automatic** club.

Centini carried a 173.31 average for 84 games while **Phares** had a 168.54 average for the same amount of games.

The champ of the "A" league was **Jewel Setting**, winning 38 games and dropping 18 for a .678 percentage. Over in the "B" circuit the top team was **Specialties Mfg.** with 40 victories and 16 defeats for .712 percentage. The team standings in both leagues follow:

"A" LEAGUE

Team	Won	Lost	Pct.
Jwl. Set.	38	18	.678
Spring Rm.	37	19	.661
Maintenance	33	23	.589
Service	26	30	.464
Spec. Assem.	24	32	.428
Works Lab.	24	32	.428
Assem. Res.	22	34	.393
Plate	20	36	.357

"B" LEAGUE

Team	Won	Lost	Pct.
Spec. Mfg.	40	16	.712
Automatic	39	17	.696
Tool Des.	33	21	.589
Mach. Exp.	25	31	.446
Escape	22	34	.393
Flat St.	22	34	.393
Standards	22	34	.393
Dial	19	37	.357

The final individual averages for the season are as follows:

"A" LEAGUE

Player	Games	Average
Centini	84	173.31
Erisman	69	170.36
Long	78	166.10
Metz	84	164.61
Lawrence	84	163.33
Koller, Sr.	75	162.41
Nonn	81	162.0
Buckwalter	84	161.20
Johnson	75	160.51
Wise	71	160.15
Herr	67	159.38
Minnall	78	158.75
A. Musser	72	158.64
Hergenrother	81	158.44
Koller, Jr.	69	158.25
R. Musser	57	157.6
Hostetter	81	156.49
Monteuth	78	156.10
Bostick	72	155.6
Koser	66	155.2
Weeks	58	154.31
Burkhart	84	154.30
Kline	66	154.17
Dobbs	75	153.45
Wenzel	66	152.25
Lenhart	75	150.5
Wolf	69	149.65
Kirchner	66	149.52
Erb	75	149.49
Fichtner	63	149.0
Davis	60	148.35
Peters	69	147.1
Leaman	57	146.21
Sheetz	75	145.53
Dommel	57	143.0
Tshudy	67	139.33
Nelson	72	138.38

"B" LEAGUE

Player	Games	Average
P. Ulmer	84	168.54
Markley	84	161.74
Welsh	75	157.28
Waller	72	152.44
Fridinger	84	151.46
Whitmyer	63	148.28
Radeliffe	78	147.70
Coxey	81	144.54
Smith	84	142.54
Kiehl	78	142.42
Lintner	78	142.25
Whitmore	68	142.10
Redman	84	141.59
Dulaney	72	139.61
Rice	81	138.25
Hendrix	69	136.8
Cibos	69	136.0
Landis	75	135.73
Denlinger	72	134.50
Schaeffer	69	134.39
Butson	75	133.58
J. Ulmer	66	133.32
Vaughan	61	133.31
Bauer	69	132.3
Dorwart	69	131.52
Freeman	66	128.00
Stekervetz	72	128.58
Mathews	78	128.9
Marzoff	64	128.7
Niesen	63	126.50
Williams	81	125.26
Hess	57	125.49
Law	63	124.47
Marks	60	121.58
Bowers	75	119.30
Weaver	72	117.38

The **Jewel Setting** team, champs of the "A" circuit, was composed of: **Joe Centini**, **Al Musser**, **Henner Nonn**, **Lloyd Fichtner** and **George Dommel**.

The **Specialties Assembly** team, leaders of the "B" league, was made up of: **Bob Markley**, **Marvin Freeman**, **Hen Dorwart**, **Luther Lintner** and **George Hess**.

EDITOR OF COLLIER'S LIKES HIS HAMILTON

The following letter received by **Robert Waddell**, director of **Hamilton** advertising, from **Walter Davenport**, editor of **Collier's**, the national weekly magazine, points to the fundamental reason for **Hamilton's** popularity. Despite all the written words extolling **Hamilton** watches, in the end it's the accurate and dependable way every last **Hamilton** watch serves its individual owner that counts. Here is **Mr. Davenport's** note of praise:

"June 13, 1947

"Dear Mr. Waddell:
"I have just looked at my **Hamilton** watch and discover it is a quarter to five. I have worn this watch for five years or more, from Italy to Okinawa, with many way stations. Practically every thing has happened to it that shouldn't happen to a watch. Nevertheless, I know that it is a quarter to five. If my reporters were as accurate as this watch, **Collier's** would be the most dependable (which it already is, of course) journal in the world.

"Thanks so much for your booklet. I will learn a lot about the **Hamilton** watch from that. Actually, all I need to know about the **Hamilton** watch is stated above.

"Sincerely yours,
"W. Davenport"



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