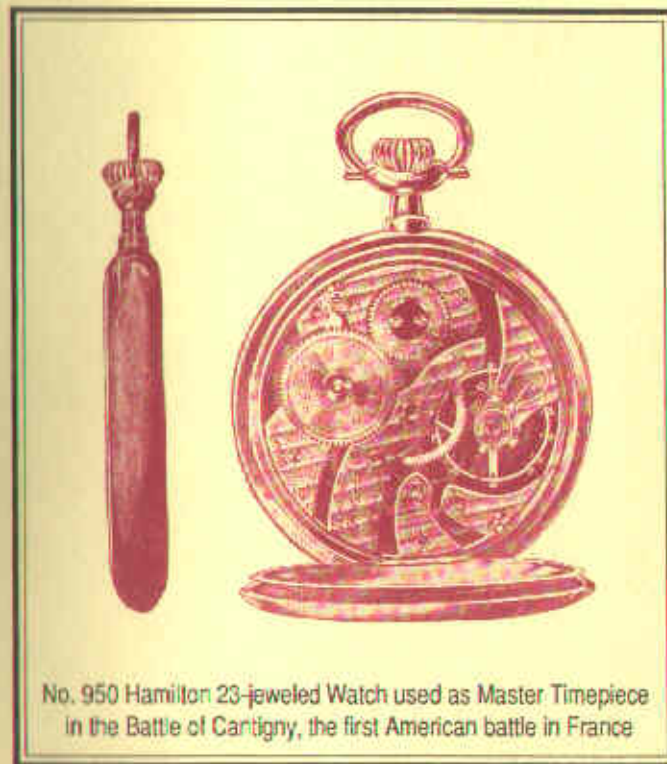




AN **arlington** book co. REPRODUCTION

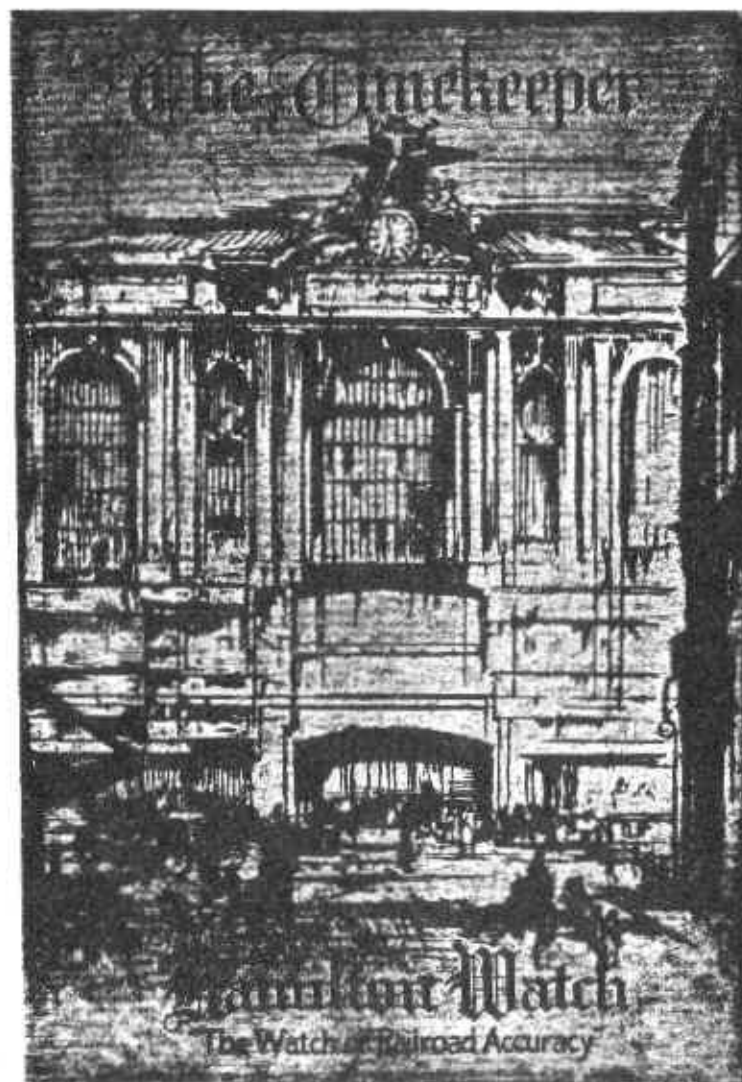
The Timekeeper



No. 950 Hamilton 23-jeweled Watch used as Master Timepiece in the Battle of Cantigny, the first American battle in France

Hamilton Watch

"The Watch of Railroad Accuracy"



Arlington Book Company, Inc.
1996

This edition, published in 1996 by Arlington Book Company, Inc., is an unabridged republication of the work originally published by Hamilton Watch Company, Lancaster, Pennsylvania under the title *The Timekeeper, Hamilton Watch "The Watch of Railroad Accuracy"*

Limited Reprinting

1200 copies for Great Lakes Chapter 6 NAWCC
1996 Regional Convention Gift

Printed in the United States of America by

ARLINGTON BOOK COMPANY, Inc.

2706 Elsmore Street

Fairfax, Virginia 22031-1409 USA

Phone (703) 280-2005 • Fax (703) 280-5300

ISBN 0-930-163-72-9

The
Hamilton Watch

"The Watch of Railroad Accuracy"



Every One a Masterpiece



The above illustration shows a partial view of the home of the

Hamilton Watch

A beautifully located factory, perfectly equipped, and operated by the best skilled workmen in the world.

We do not permit any watch to leave our factory until it is proved by the most exhaustive scientific tests to be an accurate and durable timekeeper.

THE RESULT

WE GUARANTEE every Hamilton Watch to give complete satisfaction to the user. This, we believe, is the broadest possible guarantee.

HAMILTON WATCH COMPANY,
Lancaster, Pennsylvania.

The Timekeeper



HUMAN NATURE is such that we are not conscious of time unless we count it off—by hours, minutes, seconds. For this purpose we use watches and clocks. The first business of a watch is to measure time. The more accurately it does this, the more valuable it is as a watch.

A costly watch that will not keep good time is an absurdity. It is of the nature of paste diamonds—false, deceptive.

Whatever other value a watch may have, by reason of the case which surrounds it, it should be judged primarily by performance alone.

*The Function
of a Watch*

To railroad men, explorers, and men engaged in scientific pursuits, accurate time is a necessity. To others it is a convenience. Yet the majority of people in all walks of life desire accurate time quite as much as those whose work depends upon it. No one deliberately chooses a poor timekeeper in preference to a good one, although people frequently fail to secure accuracy for the reason that in buying a watch their attention is wholly fixed upon its outward appearance.

It is not the value of time that makes people want their watches accurate. No matter how much money per minute the time of a business man might be worth, he would lose nothing in efficiency by having

*The Value
of Accuracy*

a watch that was three seconds fast. The reason for wanting an accurate timekeeper strikes deeper than that. For a watch actually has a direct psychological effect on the individual who carries it. A man and his watch go through life together. He is more closely associated with it—the companion of his working and sleeping hours—than with any other mechanical object.

*A Man and
his Watch*

A watch becomes a part of a man's character. It is the guardian of his habits, the critic of his wasted moments—a supplement to his conscience almost, as it ticks away one after another the hours and minutes of which his whole life is made.

It is not to be wondered at, then, that every man feels a personal pride in the possession of a timekeeper of phenomenal accuracy. From it he learns the true value of time—to hoard it jealously and to make the utmost use of it.

There is no more fitting gift for a young man or woman, as he or she steps from school into college or into business life, than a high-grade watch. It helps them to realize, better than anything else can do, the qualities that they would do well to cultivate in their own lives. By the service it performs, a Hamilton teaches the same lesson that school and college training gives—accuracy, precision and faithful performance of duty. Decide upon a Hamilton, then, when you think of a graduation gift.

When the Hamilton Watch was first manufactured, conductors and engineers of railroads bought almost the entire output for use in timing their trains. This

was in 1892, at a period when the increasing complexity of train schedules was creating an unprecedented demand for watches of extreme accuracy.

It is perhaps not generally realized how much the watch contributes to railroad efficiency. It has been said, and it is undoubtedly true, that the watch of the railroad man is as necessary in modern railroading as the air brake; that without accurate timekeepers there would be more accidents than if there were no air brakes.

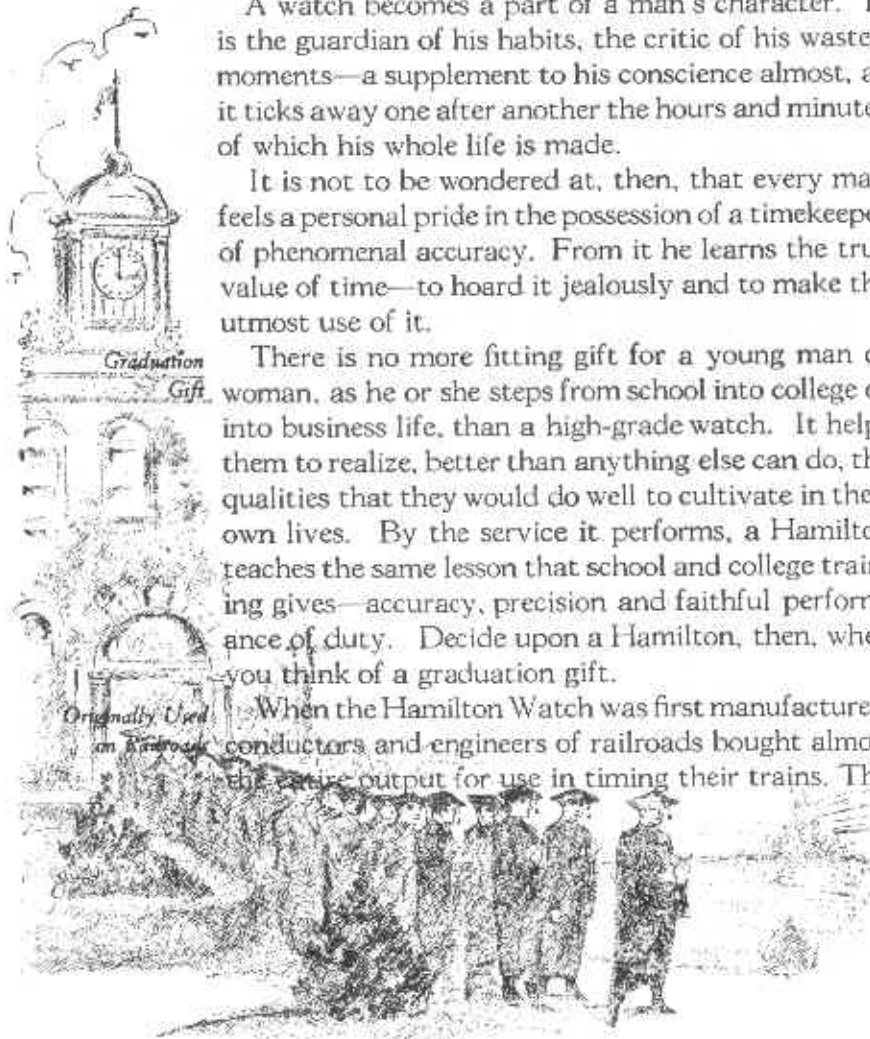
The railroad man is compelled to buy not simply a watch of reasonable value but a timekeeper that is more accurate than many scientific instruments of precision used in laboratories.

From the first, the Hamilton met with the wholehearted approval of railroad men. At the present time, it is more extensively used and in far greater numbers on all main railroad lines in America than any other watch. So the Hamilton has honestly earned its title of "**The Railroad Timekeeper of America.**" It has proved to be the nearest to the truly accurate watch which railroad service absolutely demands.

Phenomenal timekeeping records and durability in long service have won for the Hamilton this supremacy among railroad men. No unusual selling methods or inducements in price have had anything to do with it. It has won on quality alone—because it gives the service that railroad men demand of a watch.



*Railroad Men
Indorse It*





As was natural, the Hamilton began to attract the attention of men in other walks of life. More and more, others besides those having a professional interest in a dependable timekeeper, evinced a desire to own Hamilton accuracy.

Accordingly, when the Hamilton Watch Company became convinced that the general public was just as much interested as are railroad men in having a watch of extreme accuracy, they commenced the production of Hamilton Timekeepers in sizes suitable for popular use. In this way have come about the 12-size, 16-size and 18-size Hamilton Watches which you can see at any reliable jeweler's today.

The 12-Size A Hamilton 12-size watch in graceful thin model is a timekeeper of consummate beauty. It is exactly the kind of watch any man with an eye for the æsthetic as well as for mechanical excellence would want to own. Expert jewelers throughout the country say it is the finest 12-size watch made in America.

The 16-Size The Hamilton 16-size is slightly larger, about midway in size between the "12" and the "18." It is a watch which jewelers have long recommended as typifying Hamilton accuracy and is a great favorite among men everywhere.

Thirty-two Different Models At present, there are thirty-two different Hamilton models. These include all standard sizes from the small 6/10-size watch for ladies to the 18-size. Every one of these watches has the Hamilton accuracy and durability which made famous the original railroad watches.

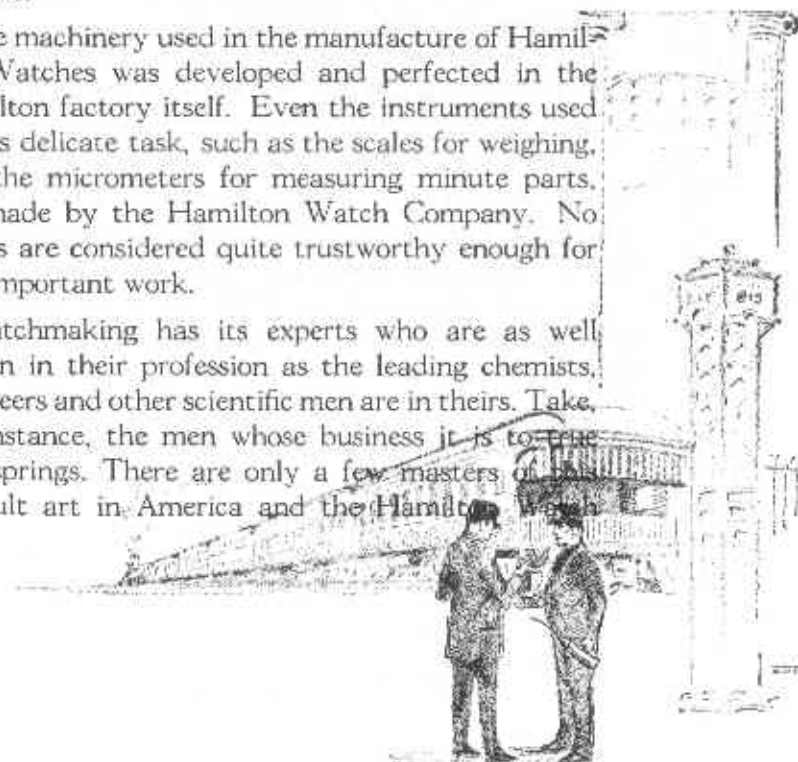
In the catalogue section of this book—pages 15 to 31—the various models are pictured and fully described. The movements illustrated can be fitted to your present 18, 16, or 12 size case, or if you desire certain Hamilton models in less expensive cases than those mentioned in this booklet, you can obtain them from any jeweler. The movements to which this applies are so marked.

All the parts of Hamilton Watches are standardized. This means that the parts of all watches of the same grade are interchangeable. Repairs are thus rendered exceedingly simple and inexpensive. Many Swiss and other European watches have not this advantage, being made of unstandardized parts and therefore repaired only with difficulty and at great expense.

The machinery used in the manufacture of Hamilton Watches was developed and perfected in the Hamilton factory itself. Even the instruments used in this delicate task, such as the scales for weighing, and the micrometers for measuring minute parts, are made by the Hamilton Watch Company. No others are considered quite trustworthy enough for this important work.

Watchmaking has its experts who are as well known in their profession as the leading chemists, engineers and other scientific men are in theirs. Take, for instance, the men whose business it is to tune hair-springs. There are only a few masters of this difficult art in America and the Hamilton Watch

Standardized
Interchangeable
Parts





Company has in its employ men who are acknowledged leaders in this kind of work.

It is important to remember that scientific perfection extends to *all* Hamilton models. The Hamilton Company manufactures no cheap or low-grade watches. Every part of a Hamilton and every bit of work done must come up to the highest scientific standards—standards that are never lowered to admit the passing of inferior work.

Accuracy in Every Model

The Spirit of the Makers

But the men who make the Hamilton Watch do not work merely to meet a standard. Rather, like all good watchmakers, they have a bit of that spirit which moved their forefathers to spend the better part of a lifetime in the construction of an ingenious timekeeper for a king or patron.

Thus, a perfectly equipped plant and the best of human skill produce this finest timekeeping instrument.

Time Required

The amount of time taken to produce a Hamilton Watch is another bit of evidence which shows how exacting are the requirements of the Hamilton factory. The average time required is nine months. No watch is ever made in less than seven months and often it takes a full year. Of this time, two months alone are consumed in the assembling and finishing room where each tiny part that goes into a Hamilton is tested and applied, and the assembled watch tested.

The Meaning of Accuracy

Statements with regard to the accuracy of the Hamilton Timekeeper can best be indicated in terms of "beats." Every backward or forward turn of the balance wheel is a beat. There are five of these beats

to a second. So distinct are they on a Hamilton Watch that with a magnifying glass over the seconds hand you can count every one of the five as the hand moves a second.

In the course of a year the balance wheel of a Hamilton makes 157,680,000 beats, or about 3732 miles.

As an example of phenomenal accuracy, consider that one Hamilton recorded varied but ten seconds in 14 months—or 50 beats variation out of 183,960,000.

Hamilton Records in Service

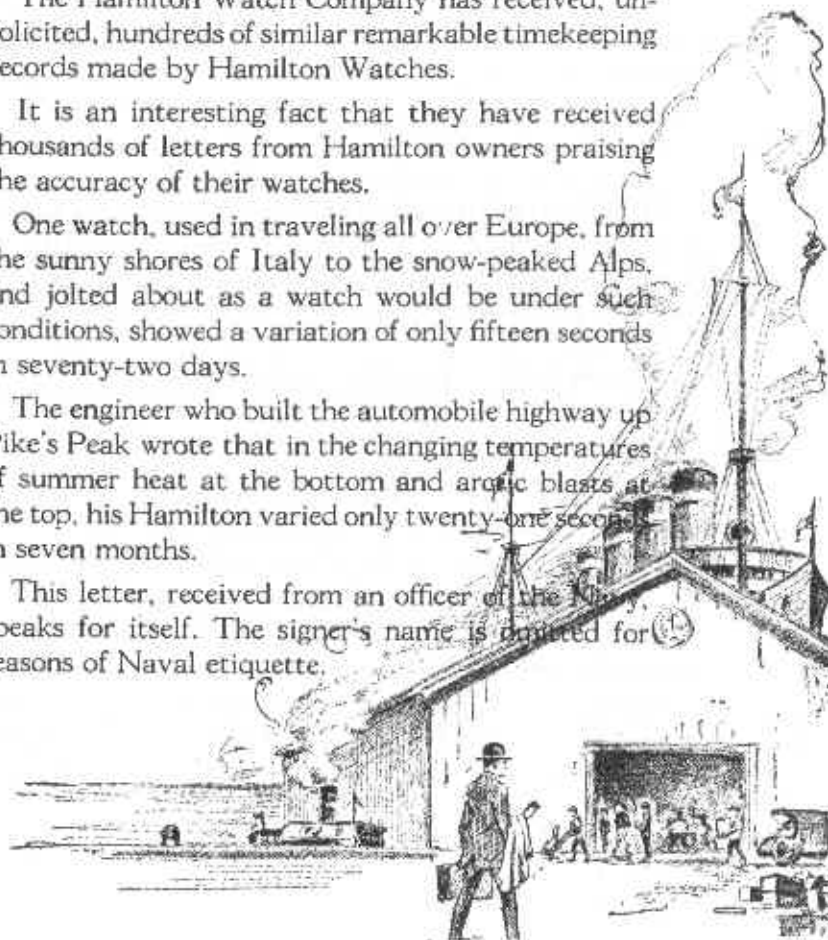
The Hamilton Watch Company has received, unsolicited, hundreds of similar remarkable timekeeping records made by Hamilton Watches.

It is an interesting fact that they have received thousands of letters from Hamilton owners praising the accuracy of their watches.

One watch, used in traveling all over Europe, from the sunny shores of Italy to the snow-peaked Alps, and jolted about as a watch would be under such conditions, showed a variation of only fifteen seconds in seventy-two days.

The engineer who built the automobile highway up Pike's Peak wrote that in the changing temperatures of summer heat at the bottom and arctic blasts at the top, his Hamilton varied only twenty-one seconds in seven months.

This letter, received from an officer of the Navy, speaks for itself. The signer's name is omitted for reasons of Naval etiquette.





Hamilton Watch Company, Lancaster, Pa.

Gentlemen: The watch purchased from you in December, 1913, is a marvel of accuracy. On January 1, 1914, it was set 22 seconds fast, on standard mean time, and throughout the year frequent comparisons were made which showed a steady and regular gain. On January 1, 1915, it was again compared and was found to be 1 minute 35 seconds fast, or a gain of 1 minute 13 seconds in 365 days, which is equivalent to a gaining rate of 6.2 seconds a day, or 6 seconds a month.

Had the rate of gain been variable, it would have been very different, but running as steadily and uniformly as it did, I would have no hesitancy whatever in using it for navigational purposes, as it is far more accurate than the average chronometer used for this purpose, and much more convenient.

[Signed] _____

All these records bear testimony to the statement that the Hamilton is the most accurate watch made. They show why the Hamilton is preferred by railroad and scientific men—capable judges of a good watch.

How a Watch is Made to Meet the Conditions of Everyday Use

The problem of accuracy in a watch would be vastly simplified if it were to remain in one position all the time and in a temperature always constant. But a watch must keep good time in any position in which it may be placed during ordinary service and it must run true in the cold of winter and in the heat of summer. These conditions seriously affect the accuracy of a watch unless precautions are taken against them.

To offset the tendency of variation caused by heat and cold the balance wheel of every Hamilton Watch is built of an outer rim of brass and an inner rim of steel, fused together. The unequal expansion and contraction of brass and steel in heat and cold is scientifically made use of so that the degree of change in one metal is compensated by the opposite action of the other. Time compensation is further supplied by the use of meantime screws mounted in the rim of the balance wheel.

Compensating
Balance

All Hamilton Watches are adjusted to varying conditions of heat and cold. From a refrigerator, at a temperature of 34 degrees Fahrenheit, they are moved to a hot box of 100 degrees Fahrenheit. When they are accurate under both conditions, they are then passed to the next adjustment, namely, isochronism.

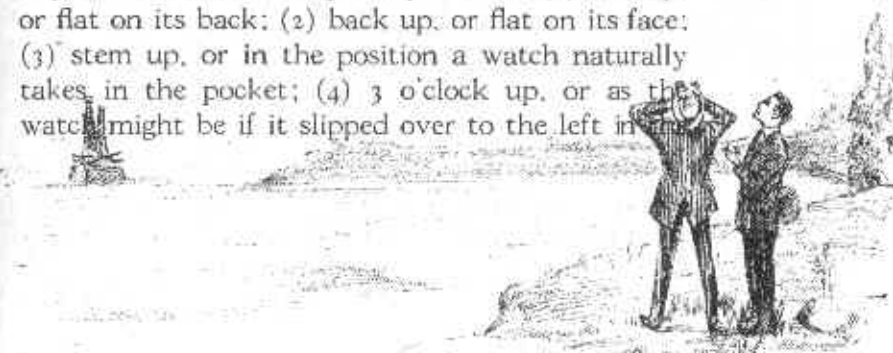
Heat and
Cold

This means that the balance must be so regulated that the watch will not run faster one hour after it is wound up than it will twenty-four hours afterwards. This is obtained by regulating the stroke of the balance wheel in such a way that the faster the wheel moves the longer stroke it takes, and the slower it moves the shorter stroke it takes.

Isochronism

In ordinary use a watch is at one time or another in any one of the following five positions: (1) dial up, or flat on its back; (2) back up, or flat on its face; (3) stem up, or in the position a watch naturally takes in the pocket; (4) 3 o'clock up, or as the watch might be if it slipped over to the left in the

Adjustment to
Position





pocket: (5) 9 o'clock up, or as it would be if the watch slipped over to the right in the pocket.

On account of minuteness of adjustment required, watchmaking is rendered more difficult than clock-making, since a clock is always in one position. Likewise, a ship's chronometer, the best timekeeper known, is adjusted to the dial-up position only. In view of this fact, it is significant that hundreds of jewelers use a Hamilton Watch as a chronometer.

Accuracy of this kind has made the Hamilton much sought after by men and women who prize time-keeping qualities in a watch. Yet on account of the extraordinary care that is taken in the production of each Hamilton, it will never be a watch that you will see everywhere—it still possesses an exclusiveness peculiar to highest grade mechanical articles.

*Not Many
Hamiltons*

Only three hundred to three hundred and fifty Hamilton Watches are made each day. This is all that the seven hundred and fifty master watchmakers in the Hamilton factory can turn out.

But this limited output is at the same time your safeguard.

It insures the quality of Hamilton Watches and enables the Hamilton Watch Company to give the broadest guarantee with every watch it sells.

When you buy a Hamilton you can do so with the profound assurance that you are buying a watch that with proper care will keep accurate time for you all your life.

How a Hamilton Watch Deserves to be Treated

"She's human as you are—
You treat her as sich."

—Kipling.

The best way to carry a watch is on a "T" chain in your vest pocket, just as your grandfather carried his. But whatever style of chain you wear, the main point is to keep the watch in a secure place and where it will not be knocked every time you make a move.

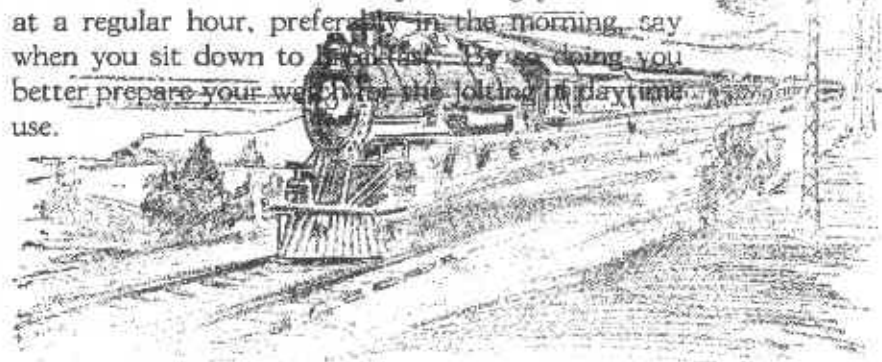
See that your watch pocket is *free* from dirt and lint. Avoid opening the back of the case, and when you do let it be in a place where there is no dust or moisture.

If anything is the matter with your timekeeper, do not try to put it in order yourself or meddle with the works, but show it to your jeweler at once. All jewelers know the Hamilton and if a part is broken they are sure to have an interchangeable part with which to replace it. All Hamilton parts are standardized. It is well to insist on genuine Hamilton material.

*Ask the
Jeweler*

It is better, too, to let a jeweler set your watch. He charges nothing for this service and is always glad to render it.

Best results are obtained by winding your watch at a regular hour, preferably in the morning, say when you sit down to breakfast. By so doing you better prepare your watch for the tolling of daytime use.



Your watch is better off in your pocket at night than under the pillow. In fact, if it holds the same position it had in the daytime, the pocket is the best place for a watch. There is always danger that if put under the pillow it will be dropped on the floor in some unguarded moment.

Cleaning and Oiling

Ask a jeweler to look at your timekeeper about every eighteen months as it should be cleaned and oiled at least once in that time. If possible go to the man who sold it to you as he is always interested in its performance.

The jeweler who sells the Hamilton expects to give with it Hamilton service. He will gladly adjust the watch to your personal habits and see that it keeps time for you in a satisfactory manner.

The Guarantee

The personal guarantee made by the Hamilton Watch Company is made also by the jeweler from whom you buy. This guarantee is nothing less than complete satisfaction to you, which is the broadest possible guarantee.



Breguet
Arabic Dial



THE MASTERPIECE OF MASTERPIECES THE FINEST 12-SIZE WATCH MADE IN AMERICA

EXPERTS pronounce it the best 12-size watch made in America. Built to meet the demand for a thin watch; yet constructed to meet the requirements of an accurate timekeeper.

No. 920—12-size, open face, nickel, bridge movement, pendant set, 23 extra fine ruby jewels in gold settings, patent motor barrel, gold train, steel escape wheel, double roller escapement, sapphire pallets, micrometric regulator, Breguet hairspring, compensation balance, adjusted to temperature, isochronism and five positions. Sold cased only. Cased as follows:

- 18-k gold, extra heavy, bassine, open face, plain or engine turned case.
- 14-k gold, extra heavy, bassine, open face, plain or engine turned case.
- 14-k gold, heavy, bassine, open face, plain case.
- 14-k gold open face, plain, Rembrandt style case.
- Permanently guaranteed, gold filled, bassine, open face, plain or engine turned case.
- Permanently guaranteed, gold filled, open face, plain or engine turned, Vandyke style case.

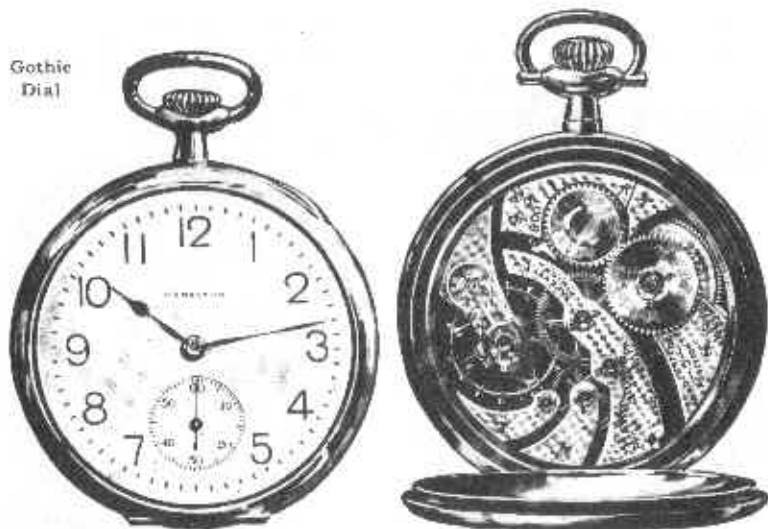
Timed and adjusted in the cases at the factory.
Our 12-size dials are interchangeable. Any style desired supplied without extra charge on new watches.



Bassine
Style
Case



Gothic
Dial



HAMILTON Watches are beautiful. The marvel is how any mechanism so exquisite in design, so thin, so graceful, can combine in such a high degree the stern qualities of accuracy and durability. The model above illustrated, like all Hamiltons, meets these qualifications, and it is an exceptionally large seller.

No. 900—12-size, thin model, made in open face only. Nickel bridge movement, pendant set, 19 extra fine ruby jewels in gold settings, patent motor barrel, gold train, steel escape wheel, double-roller escapement, sapphire pallets, micrometric regulator, Breguet hairspring, compensation balance, adjusted to temperature, isochronism and five positions. Sold cased only. Cased as follows:

14-k gold, extra heavy, bassine, plain or engine turned case.

14-k gold, heavy, bassine, plain or engine turned case.

14-k gold, open face, plain, Rembrandt style case.

Permanently guaranteed, gold filled, bassine, plain or engine turned case.

Permanently guaranteed, gold filled, open face, plain or engine turned, Vandyke style case.

Timed and adjusted in the cases at the factory.

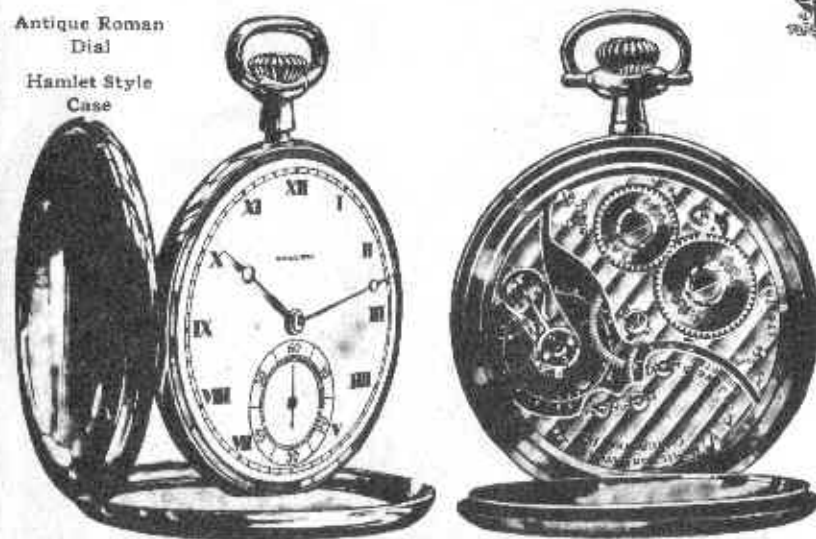
Our 12-size dials are interchangeable. Any style desired supplied without extra charge on new watches.



Rembrandt
Style Case



Antique Roman
Dial
Hamlet Style
Case



POPULAR demand is for a thin watch. We are enabled to combine Hamilton accuracy and durability with thinness, and yet offer same at a moderate price.

No. 914—12-size, nickel, $\frac{3}{4}$ -plate movement, open face, pendant set, 17 extra fine ruby jewels in gold settings, steel escape wheel, double-roller escapement, sapphire pallets, micrometric regulator, Breguet hairspring, compensation balance, adjusted to temperature, isochronism and three positions. Sold cased only. Cased as follows:

14-k gold, extra heavy, bassine, open face, plain or engine turned case.

14-k gold, heavy, bassine, open face, plain or engine turned case.

14-k gold, Hamlet style, plain case, open face.

14-k gold, open face, plain, Rembrandt style case.

Permanently guaranteed, gold filled, bassine, open face, plain or engine turned case.

Permanently guaranteed, gold filled, open face, plain or engine turned, Vandyke style case.

Timed and adjusted in the cases at the factory.

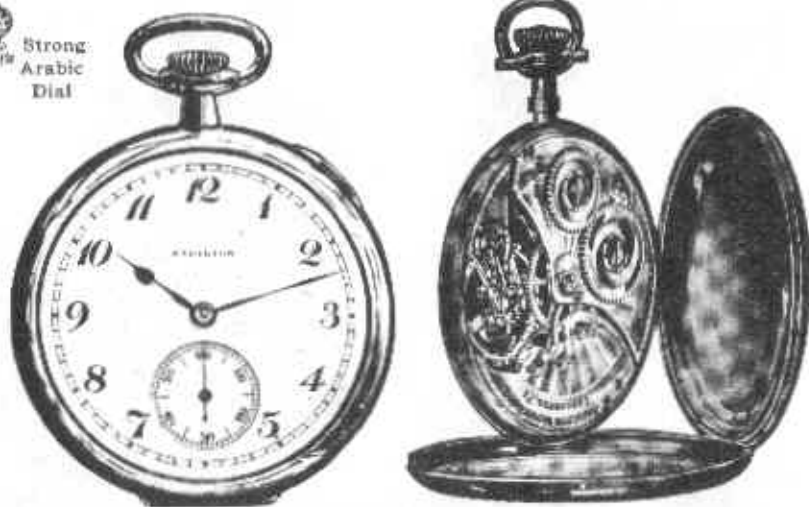
Our 12-size dials are interchangeable. Any style desired supplied without extra charge on new watches.



Vandyke
Style Case



Strong
Arabic
Dial



TO meet the demand for a 12-size thin model Hamilton at a price within the reach of all, this watch has been built. Its construction embodies all the qualities that make for Hamilton accuracy, and nothing has been sacrificed that would impair its durability and time-keeping qualities.

No. 910—Gentleman's 12-size watch, open face, nickel, $\frac{3}{4}$ -plate movement, 17 fine jewels in settings, double roller escapement, micrometric regulator, Breguet hairspring compensation balance, adjusted. Fitted, timed and adjusted in a 25-year, gold-filled, single-joint case, plain or engine turned and mounted in a handsome leather display box. Sold cased only.

HAMILTON WATCHES are durable. This means Long Term Watch Insurance. A Hamilton Watch, if well cared for, will last a lifetime. Its cost is a surprisingly small investment when considered over a term of years.

Our 12-size dials are interchangeable. Any style desired supplied without extra charge on new watches.

No. 950



THIS gentleman's watch stands without a peer. Built to meet the most exacting requirements for correct time. Made in open face only.

**No. 950 HAMILTON WATCH
USED AS MASTER
TIMEPIECE IN
FIRST AMERICAN
BATTLE IN
FRANCE**

During the war, men and things were judged on the basis of service and performance.

The letter quoted below throws interesting light on the performance of No. 950 Hamilton Watch—on the practical service of the Hamilton under all conditions and in all places.

Gentlemen:

It may be interesting to you to learn that the watch that was used as the master timepiece in the battle of Cantigny, the first American battle of this Great War, was a Hamilton Watch. I was the Division Signal Officer of the First Division, the Division which planned and executed this battle at Cantigny, near Montdidier, France, on the 28th day of May, 1918. My Hamilton Watch, which I have carried for about two years, was the official timepiece by which all officers' watches in the Division were set. It was by this watch that the Commander gave his orders, and by this watch itself that the advance of the infantry elements was carried out.

My watch is a 23-jeweled movement, and has been a phenomenal timekeeper.

I am not writing this letter for any financial or such reasons. I am simply telling you, as the maker of what I consider the best watch in the world, that your product has met the requirements of modern war, and has come through with a little record all its own.

Yours truly,

LIEUTENANT-COLONEL, SIGNAL CORPS.

No. 950—16-size, open face, nickel, bridge movement, pendant or lever set, 23 extra fine ruby jewels in gold settings, patent motor barrel, gold train, escapement cap jeweled, steel escape wheel, double roller escapement, sapphire pallets, micrometric regulator, Breguet hairspring, compensation balance, double sunk dial, adjusted to temperature, isochronism and five positions. Cased as follows:

14-k gold, extra heavy, plain or engine turned case.
14-k gold, heavy, plain or engine turned case.
Permanently guaranteed gold filled, open face, joint or swing ring, plain or engine turned case.

Those desiring this watch in less expensive case, or for their own 16-size case, can obtain same from any reputable jeweler.



RAILROAD accuracy is fast becoming a necessity in every line of business. Schedules are as fast today in the business world as on railroads.

The two models here illustrated meet all the requirements of railroad service and are equally popular with men in other occupations.

No. 952—16-size, open face, nickel, bridge movement, pendant or lever set, 19 extra fine ruby jewels in gold settings, patent motor barrel, steel escape wheel, double roller escapement, sapphire pallets, micrometric regulator, Breguet hairspring, compensation balance, double-sunk dial, adjusted to temperature, isochronism and five positions.



Cased as follows:

- 14-k gold, extra heavy, plain or engine turned case.
- 14-k gold, heavy, plain or engine turned case.
- Permanently guaranteed gold filled, open face, joint or swing ring, plain or engine turned case.

Those desiring this grade of watch for their own 16-size case can obtain same from any reputable jeweler.

No. 996—16-size, open face, lever set, nickel, $\frac{3}{4}$ -plate movement, 19 fine ruby jewels in gold settings, motor barrel, double-roller escapement, steel escape wheel, sapphire pallets, micrometric regulator, Breguet hairspring, double-sunk dial, compensation balance, mean-time screws, adjusted to temperature, isochronism and five positions.



Blind
Man's
Dial



THE demand for the Hamilton standard of accuracy is not limited to any class of men or to any business or profession. A man's desire to own a HAMILTON goes much deeper than his professional or business training, because respect for precision and accuracy is a quality of personal character.

The No. 956 meets the demand for a moderate price 16-size cased Hamilton.

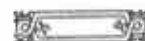
Accuracy and durability are its qualifications; its construction fits it ideally for the man of strenuous vocation.

No. 956—16-size, open face only, nickel, $\frac{3}{4}$ -plate movement, pendant set, 17 fine jewels in settings, micrometric regulator, Breguet hairspring, compensation balance, adjusted. Sold cased only in 25-year, plain or engine turned case.



Antique
Roman
Dial

HAMILTON WATCHES are Beautiful. They are standardized. They are never faddish, but are fitted in the latest and most improved cases; and can be equipped with any style dial desired.



IF, IN READING THIS BOOK, THE READER MAY NOT BE ENTIRELY CLEAR ON SOME POINTS, FULL INFORMATION WILL GLADLY BE SUPPLIED ON REQUEST



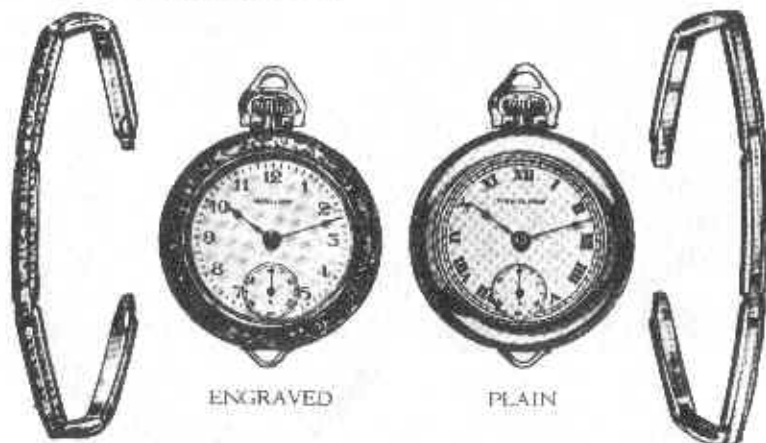
No. 986 HAMILTON DETACHABLE BRACELET WATCH

The Acme of Beauty, Accuracy and Durability in Small Watch Building

THIS Hamilton can be worn as a bracelet watch, on a chatelaine or on a chain.

The bracelet can be easily and quickly attached or detached, and a link added if necessary.

This watch is valuable not only as an ornament, but it meets the primary purpose of a watch—to keep accurate time, as all Hamiltons do.



ENGRAVED

PLAIN

Enamel or Metal Dials

Sold in Detachable Bracelet Watch Only

In good weight, 14-k gold case and bracelet; engraved. Yellow and green gold.

In good weight, 14-k gold case and bracelet; plain. Yellow and green gold.

High-grade 25-year gold-filled case and bracelet. Plain and engraved.

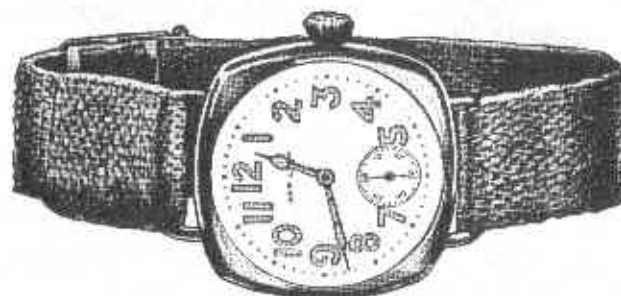
Same movement used in both filled and gold cases:

Description of Movement—Made in open face only, 17 extra fine ruby jewels, double roller escapement, sapphire pallets, Breguet hairspring, compensation balance.

HAMILTON WATCHES are sold on the principle of one price to all. You pay the same price for the same model of Hamilton in New York or San Francisco; in Kalamazoo or Tuscaloosa.

THE HAMILTON WRIST WATCH FOR MEN

No. 981



Illustrating Luminous Dial and Khaki Strap.

AN Accurate, Durable Timekeeper, constructed to stand the hard service to which a wrist watch is subjected.

Especially designed for Army and Navy Officers, Aviators, Automobile Drivers, Civil Engineers, Foresters, and others who realize the advantage of a wrist watch in their occupations.

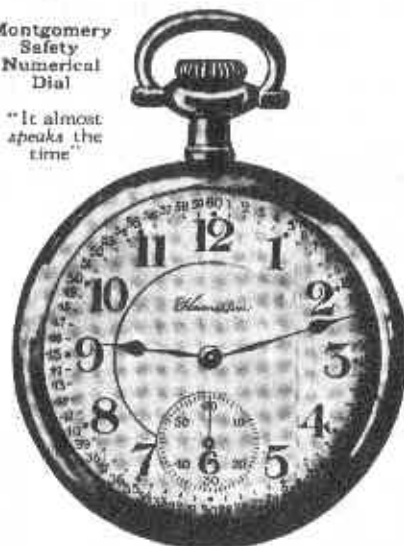
This watch was tremendously popular with the American Expeditionary Force and the U.S. Navy, and we have never been able to meet the demand for it.

No. 981—O-size, nickel, $\frac{3}{4}$ -plate movement, 17 fine jewels in settings, Breguet hairspring, double roller escapement, compensation balance, adjusted. Cased in either round or cushion shape silver case.



Montgomery
Safety
Numerical
Dial

"It almost
speaks the
time"



vitaly important railroad work in France.

This watch is also built to meet the requirements of the mechanic or the technical man who needs a strong, dependable watch that tells True Time all the Time.

No. 992—Lever or pendant set, 16-size, open face, nickel, $\frac{3}{4}$ -plate movement, 21 extra fine ruby jewels in gold settings, double-roller escapement, sapphire pallets, gold center wheel, meantime screws, steel escape wheel, micrometric regulator, Breguet hairspring, double-sunk dial, compensation balance, beautifully damaskeened, adjusted to temperature, isochronism and five positions.

No. 993—Same as above, for hunting case, lever set only.

Safety numerical dials supplied without extra charge on new railroad grades of watches when so ordered.



THE 16-SIZE RAILROAD TIMEKEEPER OF AMERICA

MANY of the fast limited trains of the country are kept on-the-minute by Hamilton No. 992. It needs no introduction to the railroad man.

The No. 992 Hamilton had the distinction of timing the American-built railroads of France. It was only fitting that the watch which had made such a wonderful reputation on America's fastest trains should be selected by the U.S. Government for this



No. 972—16-size, open face, nickel, $\frac{3}{4}$ -plate movement, pendant or lever set, 17 extra fine jewels in gold settings, double roller escapement, sapphire pallets, steel escape wheel, micrometric regulator, Breguet hairspring, compensation balance, double-sunk dial, adjusted to temperature, isochronism and five positions.

THE No. 974 Model here illustrated is the lowest priced HAMILTON made in 16-size, but its dependable performance in service has made it extremely popular.

No. 974—16-size, open face, nickel, $\frac{3}{4}$ -plate movement, pendant or lever set, 17 fine jewels in settings, micrometric regulator, Breguet hairspring, compensation balance, adjusted to temperature. Thoroughly well finished.

No. 975—Hunting, same as above. Pendant set only.



Light
Arabic
Dial

The value of a watch depends upon its reliability. Some men could take lessons from their timepieces—if they were HAMILTONS.



THE two models illustrated are very popular among street railway men, and we particularly recommend them for street railway service under Time Inspection.

No. 978—16-size, open face only, nickel, $\frac{3}{4}$ -plate movement, 17 extra fine jewels in settings, double-roller escapement, sapphire pallets, steel escape wheel, micrometric regulator, Breguet hairspring, compensation balance, double-sunk dial, adjusted to temperature, isochronism and three positions; lever set only.



No. 948—18-size, open face only, 17 jewels, nickel, lever set, adjusted to temperature, isochronism, and three positions, double roller escapement, steel escape wheel, sapphire pallets, Breguet hairspring, compensation balance, patent micrometric regulator, double-sunk dial, beautifully damaskeened.

HAMILTON WATCHES should be purchased from a reliable Jeweler. Reliable retail Jewelers are qualified to give adequate time service.

Heavy
Arabic
Dial



THE No. 946, because of its highest grade construction, commends itself to the railroad man seeking perfection in timing.

No. 946—18-size, open face, nickel, 23 extra fine ruby jewels in gold settings, patent motor barrel, meantime screws, double roller escapement, steel escape wheel, sapphire pallets, patent micrometric regulator, Breguet hairspring, compensation balance, double-sunk dial, beautifully finished nickel plates, gilt lettering, steel parts chamfered, adjusted to temperature, isochronism and five positions.

THE No. 940 Hamilton has most phenomenally accurate time-keeping records, is very extensively used on all main railroad lines of America and will meet all the exacting official requirements of railroad service, under the most trying conditions.

No. 940—18-size, open face, 21 extra fine ruby jewels in gold settings, nickel, patent motor barrel, meantime screws, adjusted to temperature, isochronism and five positions, double-roller escapement, steel escape wheel, Breguet hairspring, compensation balance, patent micrometric regulator, double-sunk dial, gilt lettering, beautifully and elegantly damaskeened.

No. 941—Same as above, for hunting case.

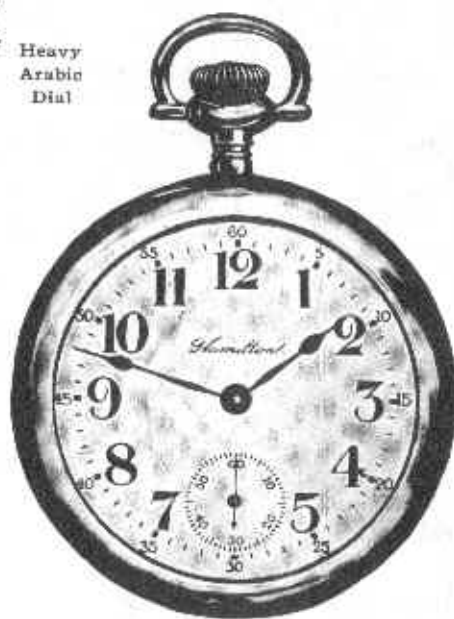


THE 18-SIZE RAILROAD TIME-KEEPER OF AMERICA

18-size movements made in lever set only.



Heavy
Arabic
Dial



No. 926—18-size, open face,
17 jewels, nickel, adjusted to
temperature, patent micro-
metric regulator, Breguet
hairspring, compensation
balance, single-sunk dial.

No. 924—18-size, open face,
17 jewels, nickel, Breguet
hairspring, compensation
balance, patent micrometric
regulator.

18-size movements made
in lever set only.

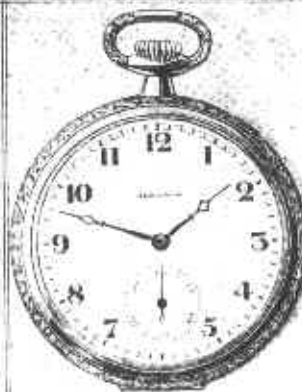


THE 18-size watches
are preferred by
some, not because they
admit of any closer ad-
justment, but because
they are built sturdily,
and their large dials
with bold figures and
large black hands en-
able one to determine
the time more quickly
at a greater distance
from the eye—espe-
cially in a dim light.

The Famous



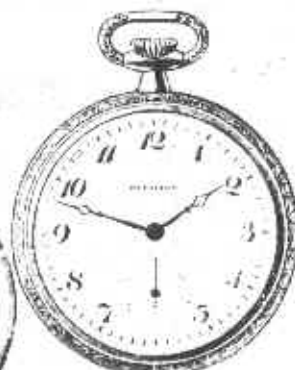
Hamilton Watch



Yellow gold
case



Green gold
case



Green gold
case



Green gold
case



Green gold
case

No. 920 12-Size 23 Jewel, open face

Extra heavy 14K plain Bessine
24K Frodham
Extra heavy 14K plain or E. T. Bessine
Heavy 14K plain or E. T. Bessine
14K Rembrandt style
14K Hamilton style
Permanent gold or E. T. Bessine or Vandyke
Permanent Lancaster style

Yellow Gold Plain	Green Gold Plain	Green Gold Engraved
\$220.00	\$185.00	\$165.00
105.00	155.00	145.00
135.00	125.00	115.00
125.00	115.00	105.00
115.00	105.00	95.00

No. 900 12-Size 19 Jewel, open face

Extra heavy 14K plain or E. T. Bessine
Heavy 14K plain or E. T. Bessine
24K Frodham
24K Rembrandt style
14K Hamilton style
Permanent gold or E. T. Bessine or Vandyke
Permanent Lancaster style

Yellow Gold Plain	Green Gold Plain	Green Gold Engraved
\$180.00	\$150.00	\$130.00
125.00	105.00	95.00
115.00	95.00	85.00
105.00	85.00	75.00
95.00	75.00	65.00

914 12-Size 17 Jewel, open face

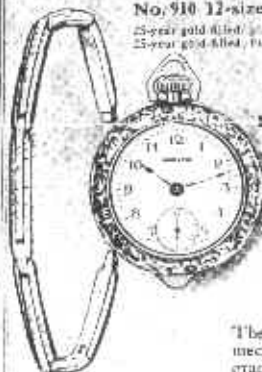
Extra heavy 14K plain or E. T. Bessine
Heavy 14K plain or E. T. Bessine
14K Frodham
14K Rembrandt style
14K Hamilton style
Permanent gold or E. T. Bessine or Vandyke
Permanent Lancaster style

Yellow Gold Plain	Green Gold Plain	Green Gold Engraved
\$115.00	\$95.00	\$85.00
105.00	85.00	75.00
95.00	75.00	65.00
85.00	65.00	55.00
75.00	55.00	45.00

No. 910 12-Size 17 Jewel, open face

25-year gold filled plain or E. T.
25-year gold filled, Patent style

Yellow Gold Plain	Green Gold Plain	Green Gold Engraved
\$125.00	\$105.00	\$95.00



Ladies' Detachable Bracelet Watch

No. 986 17 Jewel, open face

The Jewel of Beauty and Accuracy

Plain	Engraved
In 14K yellow gold case and bracelet \$52.00 \$65.00	
In 14K green gold case and bracelet 65.00 77.00	
In yellow gold-filled case and bracelet 44.00 55.00	
In green gold-filled case and bracelet 45.00 55.00	



Yellow gold
case
For No. 910 only

The marvel of Hamilton Watches is how any
mechanism so exquisite in design, so thin, so
graceful, can combine in such a high degree
the stern qualities of accuracy and durability.
A variety of dials can be supplied.

This page contains the text from the previous page for easier reading.

The Famous Hamilton Watch

No. 920 12-Size 23 Jewel, open face	Yellow Gold Plain	Green Gold Plain	Green Gold Engraved
Extra heavy 18K plain Bassine	\$200.00		
14K Frodsham		\$155.00	\$165.00
Extra Heavy 14K plain or E. T. Bassine	165.00		
Heavy 14K plain or E. T. Bassine	150.00	155.00	
14K Rembrandt style	135.00	138.00	145.00
14K Hamlet style	135.00	138.00	
Permanent plain or E. T. Bassine or Vandyke	115.00	117.00	
Permanent Lancaster style			117.00

No. 900 12-Size 19 Jewel, open face	Yellow Gold Plain	Green Gold Plain	Green Gold Engraved
Extra heavy 14K plain or E. T. Bassine	\$140.00		
Heavy 14K plain or E. T. Bassine	125.00	\$130.00	
14K Frodsham		130.00	\$140.00
14K Rembrandt style	110.00	113.00	120.00
14K Hamlet style	110.00	113.00	
Permanent plain or E. T. Bassine or Vandyke	90.00	92.00	
Permanent Lancaster style			92.00

914 12-Size 17 Jewel, open face	Yellow Gold Plain	Green Gold Plain	Green Gold Engraved
Extra heavy 14K plain or E. T. Bassine	\$115.00		
Heavy 14K plain or E. T. Bassine	100.00	\$105.00	
14K Frodsham		105.00	\$115.00
14K Rembrandt style	90.00	93.00	100.00
14K Hamlet style	90.00	93.00	
Permanent plain or E. T. Bassine or Vandyke	68.00	70.00	
Permanent Lancaster style			70.00

No. 910 12-Size 17 Jewel, open face	Yellow Gold Plain	Green Gold Plain	Green Gold Engraved
25-year gold-filled, plain or E. T.	\$42.00	\$43.00	
25-year gold-filled, Fulton Style			\$43.00

Ladies' Detachable Bracelet Watch No. 986 17 Jewel, open Face *The Acme of Beauty and Accuracy*

In 14K yellow gold case and bracelet	\$62.00	\$65.00
In 14K green gold case and bracelet		67.00
In yellow gold-filled case and bracelet	44.00	46.00
In green gold-filled case and bracelet	45.00	47.00

The marvel of Hamilton Watches is how any mechanism so exquisite in design, so thin, so graceful, can combine in such a high degree the stern qualities of accuracy and durability. A variety of dials can be supplied.

PRICE LIST

Hamilton Watches

12 SIZED CASED WATCHES

	U. S.	Canada
No. 920 (see page 15)		
Extra heavy 18 K	\$200.00	
Extra heavy 14 K	165.00	
14 K. Gold	150.00	163.00
14 K. Gold "Rembrandt"	135.00	
Permanently Guaranteed	115.00	134.00
No. 900 (see page 16)		
Extra heavy 14 K.	140.00	
14 K. Gold	125.00	131.00
14 K. Gold "Rembrandt"	110.00	
Permanently Guaranteed	90.00	103.00
No. 914 (See page 17)		
Extra Heavy 14 K.	115.00	
14 K. Gold	100.00	108.00
"Hamlet" or "Rembrandt"	90.00	
Permanently Guaranteed	68.00	80.00
No. 910 (see page 18)	42.00	58.00

16 SIZE CASED WATCHES

No. 950 (see page 19)	
Extra Heavy 14 K	\$145.00
Heavy 14 K	130.00
Permanently Guaranteed	100.00
No. 952 (see page 20)	
Extra Heavy 14 K	127.00
Heavy 14 K	112.00
Permanently Guaranteed	82.00

(OVER)

16 SIZE CASED WATCHES (Continued)

No. 956 (See page 21)	U. S. 40.00
-----------------------	----------------

LADIES' WATCHES

No. 986 (See page 22)	
14 K. Plain	62.00
14 K. Engraved	65.00
14 K Green Gold Plain	64.00
14 K. Green Gold Engraved	67.00
Gold Filled Plain	44.00
Gold Filled Engraved	46.00

WRIST WATCH FOR MEN

	U. S. PRICES	
		Luminous Dial
No. 981 (See page 23)		
Sterling Silver Round Case	\$37.00	\$43.00
Sterling Silver Cushion Shape Case	40.00	46.00

16 SIZE MOVEMENTS ONLY

For Cases See Your Retail Jeweler

		Canada
No. 950 (see page 19)	85.00	95.00
No. 952 (see page 20)	62.00	70.50
No. 996 (see page 20)	48.00	55.50
Nos. 992-993 (see page 24)	53.00	61.00
No. 972 (see page 25)	38.00	43.50
Nos. 974-975 (see page 25)	28.00	32.00
No. 978 (see page 26)	34.00	38.50

18 SIZE MOVEMENTS ONLY

For Cases See Your Retail Jeweler

No. 948 (see page 26) discontinued		
No. 946 (see page 27)	60.00	69.00
No. 940 (see page 27) No. 941 discontinued	48.00	54.50
No. 926 (see page 28)	24.00	27.50
No. 924 (see page 28)	22.00	25.00

(OVER)



AMERICAN CLOCKS

A Guide to Identification & Prices Volume 1

Tran Duy Ly

The updated reprint in Colorful Hard Cover Version is a beauty and a must in every clock collectors library. I am happy that it has come out in this bright hard cover edition because I used my soft cover version so often, that the cover and pages are badly frayed.

As a major collector of American Regulator Clocks, I could not function without this valuable guide. This beautifully illustrated volume is arranged in logical, easy to follow alphabetical order and features 19 clock companies including Ansonia, Chelsea, Gilbert, Howard, Ingraham, Ithaca, Kroeber, New Haven, Seth Thomas, Waltham, Waterbury and Welch. There is a carefully prepared Index that serves as an instant guide to find what you need in a hurry.

In addition, a historical essay on each company prepared by Chris Bailey, a leading authority on American clock history and former curator of the American Clock & Watch Museum at Bristol, Ct. is provided as well as an on target price guide which was compiled by a national panel of 32 antiques clock experts.

If you need to identify a specific clock for completeness and authenticity, this is your one stop shopping center. The large type as well as the quality of illustrations leaves nothing to chance.

The fact that an annual up-to-date price guide is available, makes this **American Clocks - Volume 1** even more indispensable to clock collectors. Our hat is off to Tran Duy Ly and the continuing outstanding job he does in contacting clock experts everyday, for clock information and price trends. The clock community owes him a huge debt of gratitude.

LARRY RAPPAPORT
Great Neck, New York

320 pages - 8 1/2 x 11 - 1159 black & white illustrations
Smyth Sewn Hardbound \$39.50