

THE PERFECTED AMERICAN WATCH

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The Perfected American Watch by Various

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VARIOUS

**THE PERFECTED
AMERICAN WATCH**



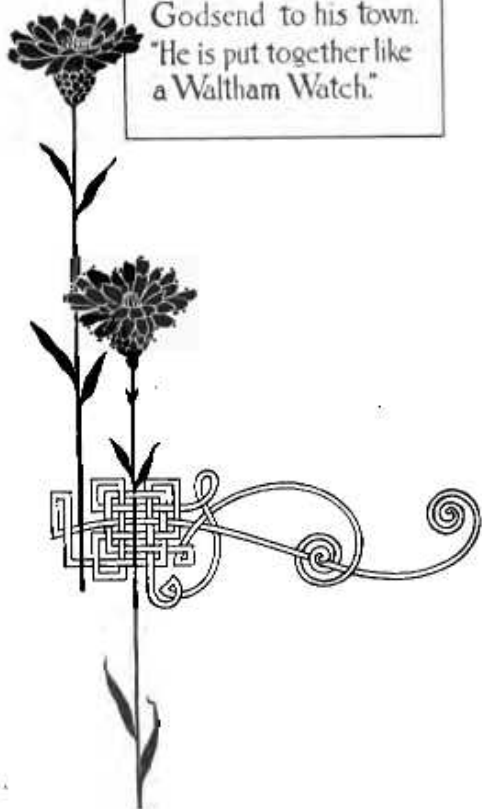
*The Perfected
American Watch in its
simplicity, accuracy, per-
manency and cheapness re-
presents the highest stage in
the watchmaker's art.*

*The American Watch Company
at Waltham, Mass. has con-
structed 500,000 of these
watches and has revolution-
ized the industry it has trans-
ferred to the New World.*

Chambers's Encyclopedia, 1875.



Ralph Waldo Emerson,
in an Essay on Elo-
quence said in speak-
ing of a man whom
he described as a
Godsend to his town.
"He is put together like
a Waltham Watch."



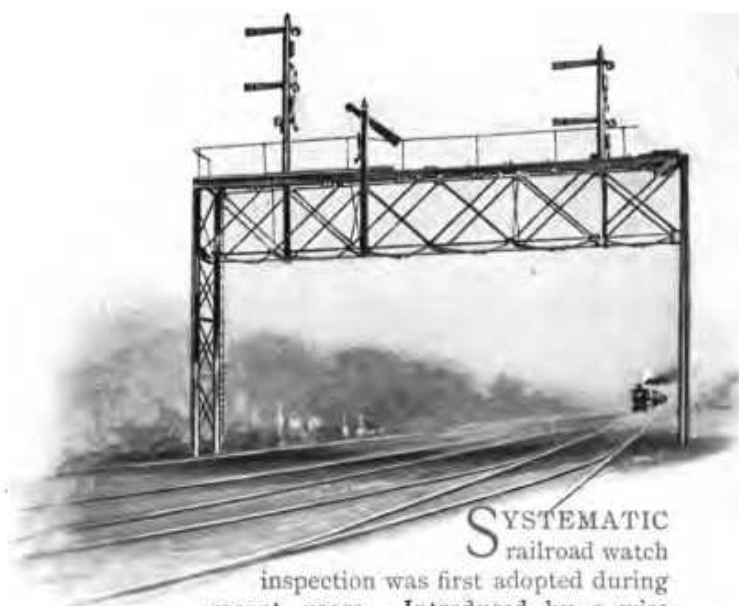
Waltham watch company

The Perfected
American
Watch.



American Waltham
Watch Company.
Waltham, Mass.





SYSTEMATIC
railroad watch

inspection was first adopted during recent years. Introduced by a wise foresight, it has been gradually extended to almost every railroad in the United States and Canada. This safeguard for the traveling public was made possible by the construction of WALTHAM railroad watches, from which indeed, it was the logical result. The AMERICAN WALTHAM WATCH COMPANY was the first to manufacture an 18 size full plate movement. For a quarter of a century this Company has made watch movements expressly designed for railroad use, and more than twenty years ago



6 1894

Recd. 4-9-28

WALTHAM watches were selected by the British Government as the official time-keepers on the state railways in India. Successive im-

provements in manufac-



turing at WALTHAM have al- bled the WALTHAM COMPANY to produce the best pocket time-

pieces. The WALTHAM watch not only was the first, but was, and is, the finest railroad watch.

The VANGUARD is the highest quality 18 size WALTHAM movement. It was introduced in 1894 and immediately became the foremost watch for railroad men. It is the best 18 size movement one can buy. Descriptions of the VANGUARD, CRESCENT STREET, APPLETON, TRACY & Co. and RIVERSIDE 18 size will be found on succeeding pages. All of these movements are made in VANGUARD model. This model has many points of superiority. Important among them are the following :

Vanguard Model.

FIRST. Its solidity and strength. While the frame of the ordinary movement is composed of seven parts, the VANGUARD model frame has but four parts. In this model separate pillars are dispensed with, the top plate and

Solidity and Strength of this Model.



Location of
Balance Wheel.



its support being in one piece.

SECOND. The location and protected condition of the balance wheel, which is placed farther from the mainspring than in the ordinary full plate movement and accordingly is less liable to polarization that might accrue from a slight degree of magnetism in the mainspring. The value of this improvement will be apparent when it is considered that should the balance wheel, which in a quick train watch normally vibrates 18,000 times per hour, make but ten vibrations more or ten vibrations less, per hour, the watch will have gained or lost forty-eight seconds per day.

Double Roller
Escapement.

THIRD. The use of the double roller, whereby escapement friction is reduced.

Manner of Securing
Jewel Pin.

FOURTH. The manner of securing the jewel pin in the impulse roller.

Tempered Steel
Safety Barrel.

FIFTH. The improved tempered steel safety barrel, which secures the train of the watch against dangers otherwise likely to result from breakage of the mainspring, and also allows the use of an extra wide and long mainspring, which gives the watch more than



forty hours' run. This barrel may be taken out without removing the balance.

All WALTHAM railroad movements are fitted with the WALTHAM patent Breguet hairspring. This spring is hardened and tempered in form—not a flat spring merely bent into shape. It is not to be found on any other make of watches in the world.

The finish of the steel parts, damaskeening of the plates, and other features of ornamentation are consistent with the excellent timekeeping qualities of these movements. Hunting are lever-setting; open face are either pendant-setting or lever-setting, as may be desired.

Watch manufacturers in both America and Europe recognize the advantages of the pendant-setting watch over the lever-setting, in open-face. Every high class foreign watch is pendant-setting. The convenience of a device that enables one to set the hands without opening the case, is evident. Especially is this true of watches with screw front cases. In point of utility, the pendant-setting open-face watch is to the lever-setting as the low, pneumatic tire bicycle, of recent manufacture, is to the high wheel machine of former years, or



Patent Breguet Hair Spring.

Hunting Movements are Lever Setting.

Open Face either Pendant Setting or Lever Setting.

