

W. D. McGLOGLHON.
 Calendar-Dial for Clocks and Watches.
 No. 200,212. Patented Feb. 12, 1878.

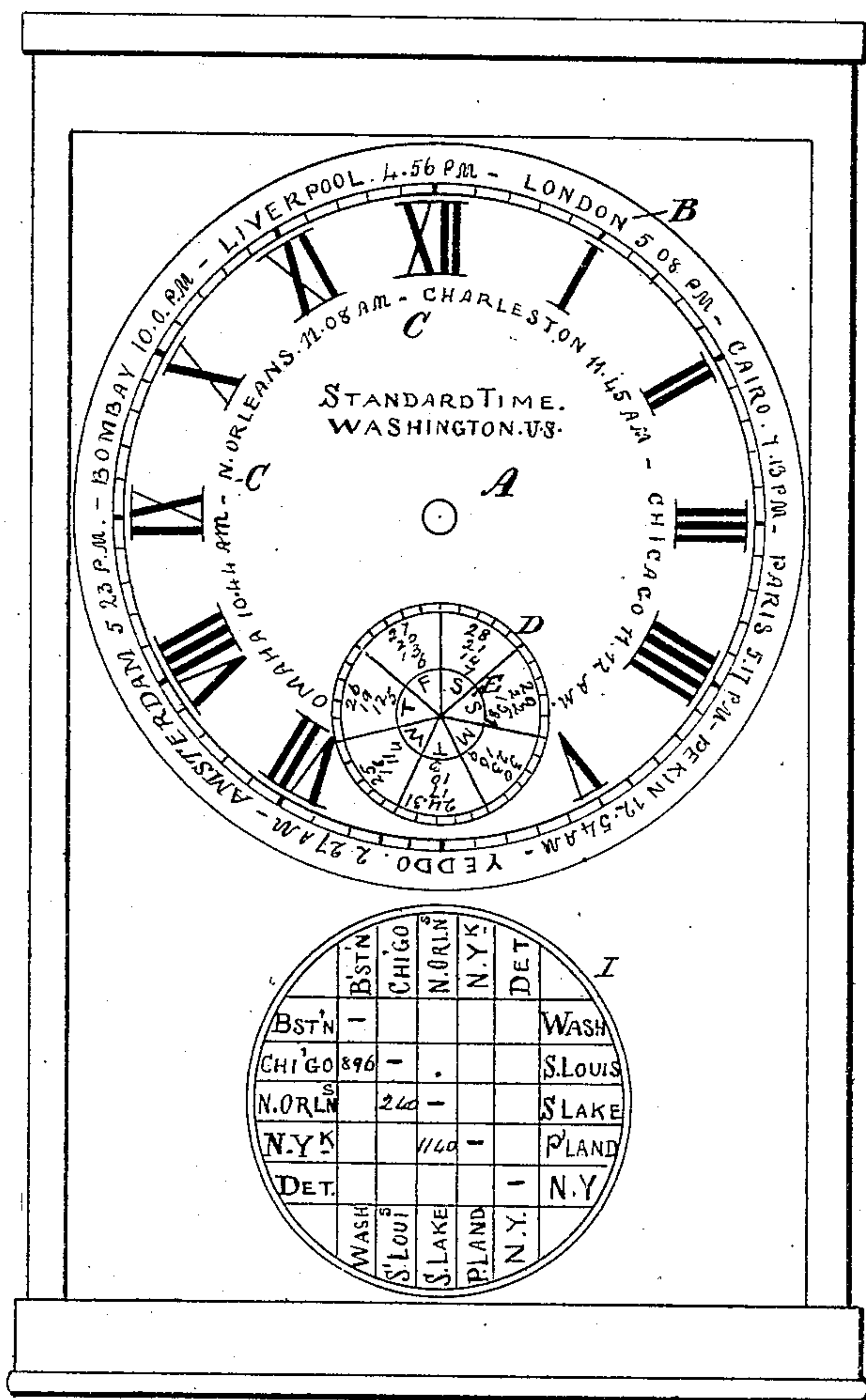


Fig. 1.

Attest:
 Henry Beech.
 Thomas Beech.

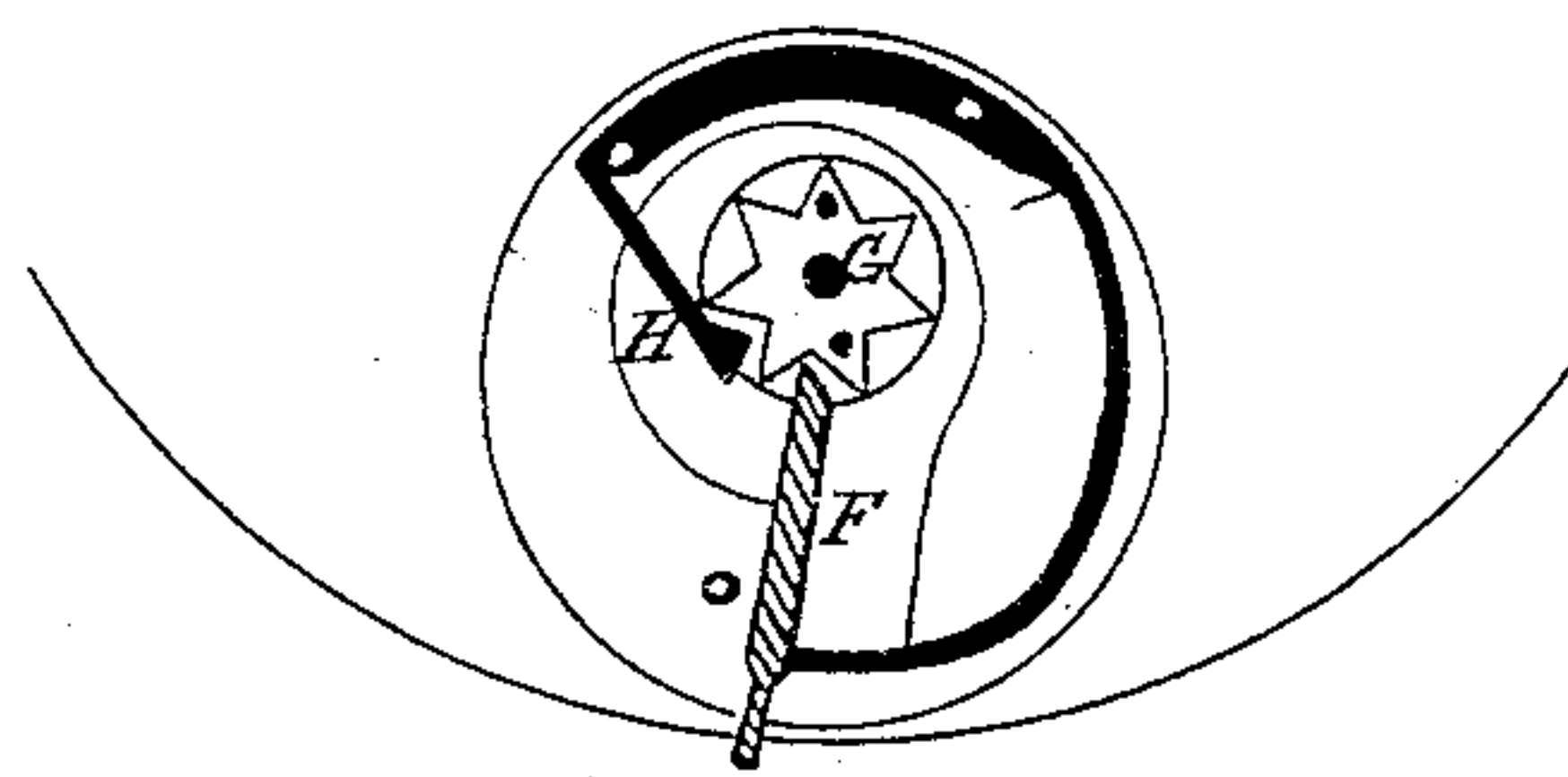


Fig. 2.

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 Inventor:

UNITED STATES PATENT OFFICE.

WILLIAM D. MCGLOGHLON, OF LONDON, ONTARIO, CANADA.

IMPROVEMENT IN CALENDAR-DIALS FOR CLOCKS AND WATCHES.

Specification forming part of Letters Patent No. **200,212**, dated February 12, 1878; application filed August 20, 1877.

To all whom it may concern:

Be it known that I, WILLIAM D. MCGLOGHLON, of the city of London, in the Province of Ontario, Dominion of Canada, have invented certain new and useful Improvements on Watch and Clock Dial-Plates; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings.

My invention consists of an adjustable calendar and mechanism for operating the same, in combination with the dial-plate of a watch or clock, all as hereinafter fully described.

In Figure 1, A is the dial, on which the hours and minutes are figured in the ordinary manner. B C are tables showing the exact time at various selected localities, equated from the standard time marked by the clock or watch.

In the drawing only two rows of such equations are indicated; but any number may be more minutely engraved or otherwise displayed upon the dial.

D is the seconds-dial, in the center of which a circular plate, E, is pivoted, divided into seven spaces, each of which bears one of the initial letters of the days of the week; and between this plate and the outer rim D figures corresponding to the days of the month are arranged, so that the plate E, on being properly set, acts as a calendar.

Fig. 2 shows the mechanism by which this calendar is regulated. F is a ratchet, and G a ratchet-wheel, governed by spring-pawl H. The end of the ratchet F projects slightly beyond the edge of the dial, so that it may be pushed sidewise, engaging with one of the teeth of the ratchet G, and moving it round so that the required letter of the week on the other side of the plate E shall be opposite the proper date, when the pawl holds the ratchet in place and the calendar is set for the whole month.

I is a distance chart or table, by which the distance in miles will be seen at a glance between the most important places in the world. This chart may either be engraved or otherwise figured on the face of the dial, or contained in the case, as thought fit.

What I claim as my invention is—

The combination, with the dial-plate of a watch or clock, of a revolving calendar-plate, E, and operating mechanism, consisting of the ratchet and ratchet-wheel F G, and spring-pawl H, said ratchet F projecting beyond the edge of the dial-plate, substantially as and for the purpose herein shown and described.

W. D. MCGLOGHLON.

Witnesses:

HENRY BEECH,
THOMAS BEECH.