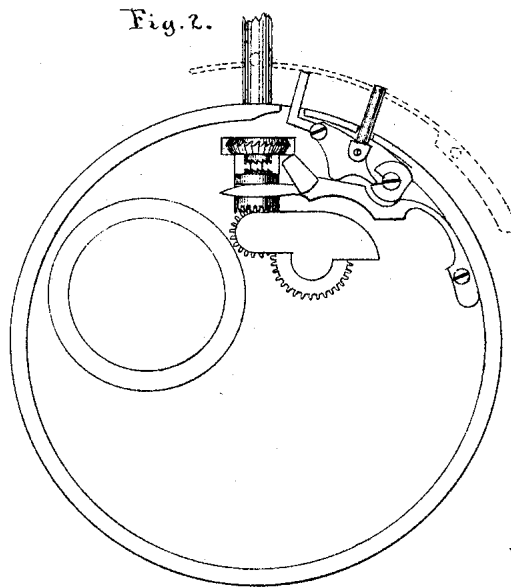
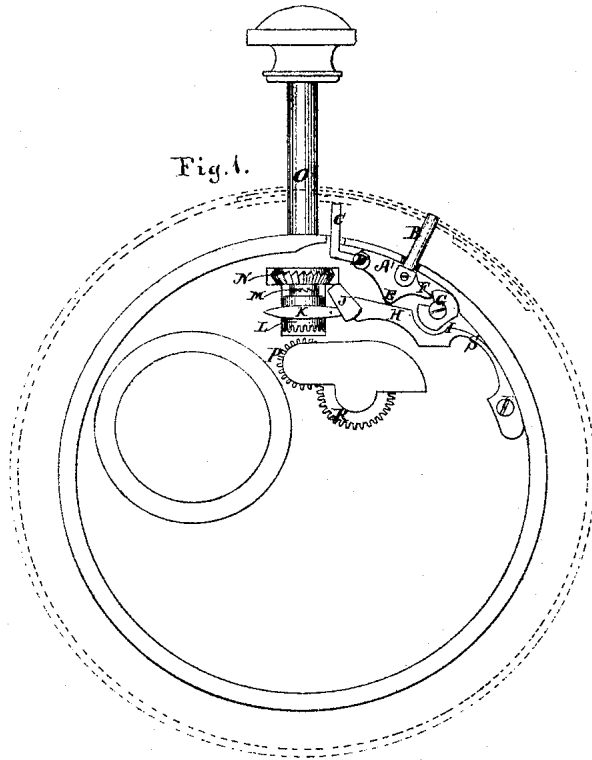


F. A. JONES.  
Hand-Setting Watches.

No. 140,581.

Patented July 8, 1873.



Witnesses.

*F. Heffner*  
*Chas. D. Moore*

Inventor

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# UNITED STATES PATENT OFFICE

FLORENTINE A. JONES, OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN HAND-SETTING WATCHES.

Specification forming part of Letters Patent No. **140,581**, dated July 8, 1873; application filed April 21, 1871.

*To all whom it may concern:*

Be it known that I, FLORENTINE A. JONES, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Hand-Setting Mechanism for Watches, of which the following is a specification:

Figures 1 and 2 are plan views of my invention, showing the parts in different positions.

This invention has for its object to improve the construction of the hand-setting mechanism of a watch, in such a manner as to prevent such mechanism from being rendered inoperative while the hands are being set. To this end the invention consists in the construction and arrangement of parts, which I will now proceed to describe.

In the drawings, A represents the watch-plate, near the margin of which is the lever A', which is pivoted at D, and provided with the projecting arm C and points E F. B represents a pin pivoted to the lever A', which with the arm C projects from the plate A, as shown. H represents a curved lever provided with the spring portion S, and attached to the plate A at T. G represents a cam-button pivoted to plate A, and provided on one side with the recess *g*, and flattened on the opposite side. The outer end K of lever H engages with a groove in the crown-wheel L, which slides on the stem O. J is a projecting button which protects lever H. P R represent cogs which operate in setting the hands. N represents the winding-pinion, which runs loosely on stem O, and is connected with the wheel L by the clutch M.

When it is desired to set the hands the pin B is pushed inward, which also forces the point E of lever A' inward, the same impart-

ing this motion to the lever H, and throwing the crown-wheel L into connection with the cog P, as shown in Fig. 2, thereby disconnecting the winding-pinion N. At the same time that the point E pushes in the lever H, the point F which projects into recess *g* of cam-button G, and turns the latter until the point *i* of the same engages with the point I of lever H, in such manner as to hold said cam and lever in the position shown in Fig. 2.

To release the lever H and cause the parts to assume the position shown in Fig. 1 it is only necessary to press inward on the arm C, which swings the lever A outward, and disengages the cam-button G from the lever H. This disengagement is intended to be effected by the shutting of the case or pressing in of the stem, which in either case operates to press the case-spring inward against the arm C, said spring bearing against arm C when the latter is thrown out, as shown in dotted lines in Fig. 2, thus causing the lever A to swing outward and effecting the desired disengagement.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the cam-button G, having the recess *g* and point *i*, with the lever A', having the point F, and the lever H having the point I, all these parts being arranged as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FLORENTINE A. JONES.

Witnesses:

CARROLL D. WRIGHT;  
EDWARD A. HARNDEN.