

J. J. PEUX.
Crown-Push for Stem-Winders.

No. 202,459.

Patented April 16, 1878.

Fig. 1

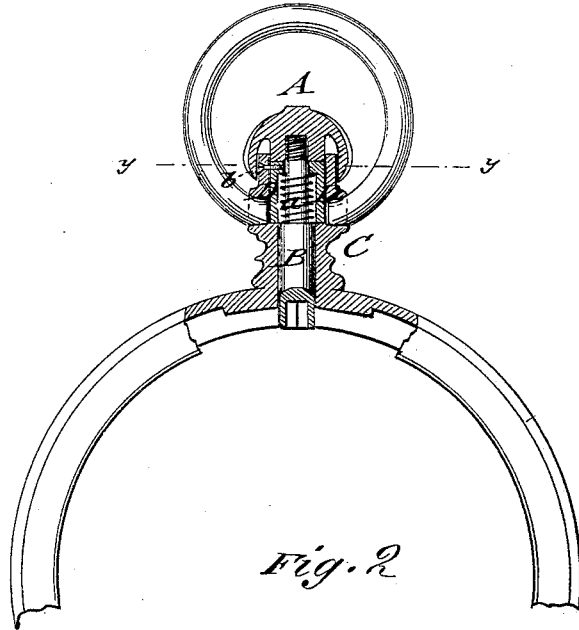


Fig. 2

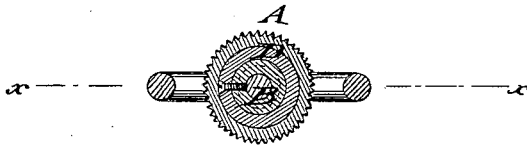


Fig. 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN J. PEUX, OF BROOKLYN, ASSIGNOR TO ROBBINS & APPLETON, OF
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IMPROVEMENT IN CROWN-PUSHES FOR STEM-WINDERS.

Specification forming part of Letters Patent No. **202,459**, dated April 16, 1878; application filed
March 23, 1878.

To all whom it may concern:

Be it known that I, JOHN J. PEUX, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Crown-Push for Stem-Winders, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a vertical central section of my improved crown-push for stem-winding watches on line *x x*, Fig. 2. Fig. 2 is a horizontal section of the same on line *y y*, Fig. 1; and Figs. 3 and 4 are a detail side view and section, respectively, of the key, pipe, and sleeve.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish for stem-winding watches an improved crown-push, by which all shake and rattle of the crown and key-pipe are avoided, and the key-pipe readily adapted to the line of the winding square or arbor, and also readily withdrawn by the crown, for the purpose of taking out the movement from the case without removing the crown or key-pipe.

The invention consists of the spring-acted crown and key-pipe, secured by a steel sleeve and set-screw to the pendant, the screw passing through the pendant into the sleeve, and being entirely covered by the crown.

Referring to the drawing, A represents a crown of a stem-winding watch, and B the key-pipe of the same, that is screwed centrally into the crown, and passed through a pendant, C, of the case of the stem-winder, so as to project below the pendant into the center of the case, so that the key-pipe may readily engage the winding-arbor.

The key-pipe is made below its upper threaded part of slightly less diameter than at its lower part, so as to form a kind of shoulder,

on which is seated a spiral spring, *a*, that is confined between the shoulder and a socket-sleeve, D, that is passed by a central top hole over the upper end of the key-pipe into the pendant C, and retained in position therein by a small set-screw, *b*, that is passed sidewise through the pendant into the interior socket-sleeve D. The screw holds the crown and key-pipe in place, and is entirely out of sight, as it is covered by the crown. The use of the spring between the socket and key-pipe avoids the annoying shaking and rattling of the crown or key-pipe so common in stem-winders, and also renders the pendant entirely dust-proof, while the spring admits the withdrawing of the key-pipe into the pendant, so as to be out of the way of the movement, and disconnected from the winding-arbor, in order to remove the movement out of the case, without removing the crown or key-pipe.

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

1. The combination, with the pendant and crown of a stem-winding watch, of a spring-acted key-pipe and fixed socket-sleeve secured at the interior of the pendant, substantially as shown and described.

2. The combination, with the pendant of a stem-winder, of a crown and key-pipe, the latter having a shoulder and spiral spring, and of an interior socket-sleeve of the pendant, secured by set-screw passing through the pendant, substantially as and for the purpose set forth.

JOHN J. PEUX.

Witnesses:

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