

(No Model.)

J. E. HOWARD.

FASTENER FOR MEETING RAILS OF SASHES.

No. 253,534.

Patented Feb. 14, 1882.

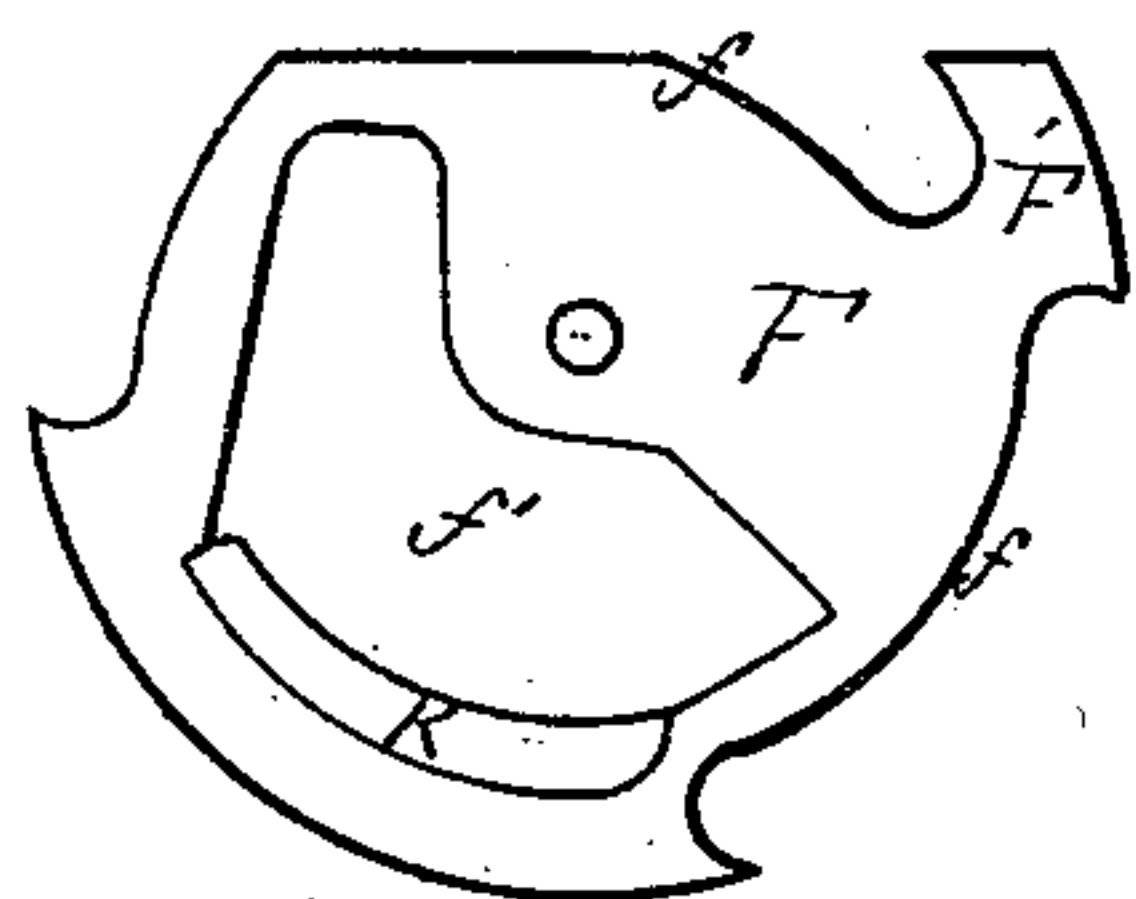


Fig. 4

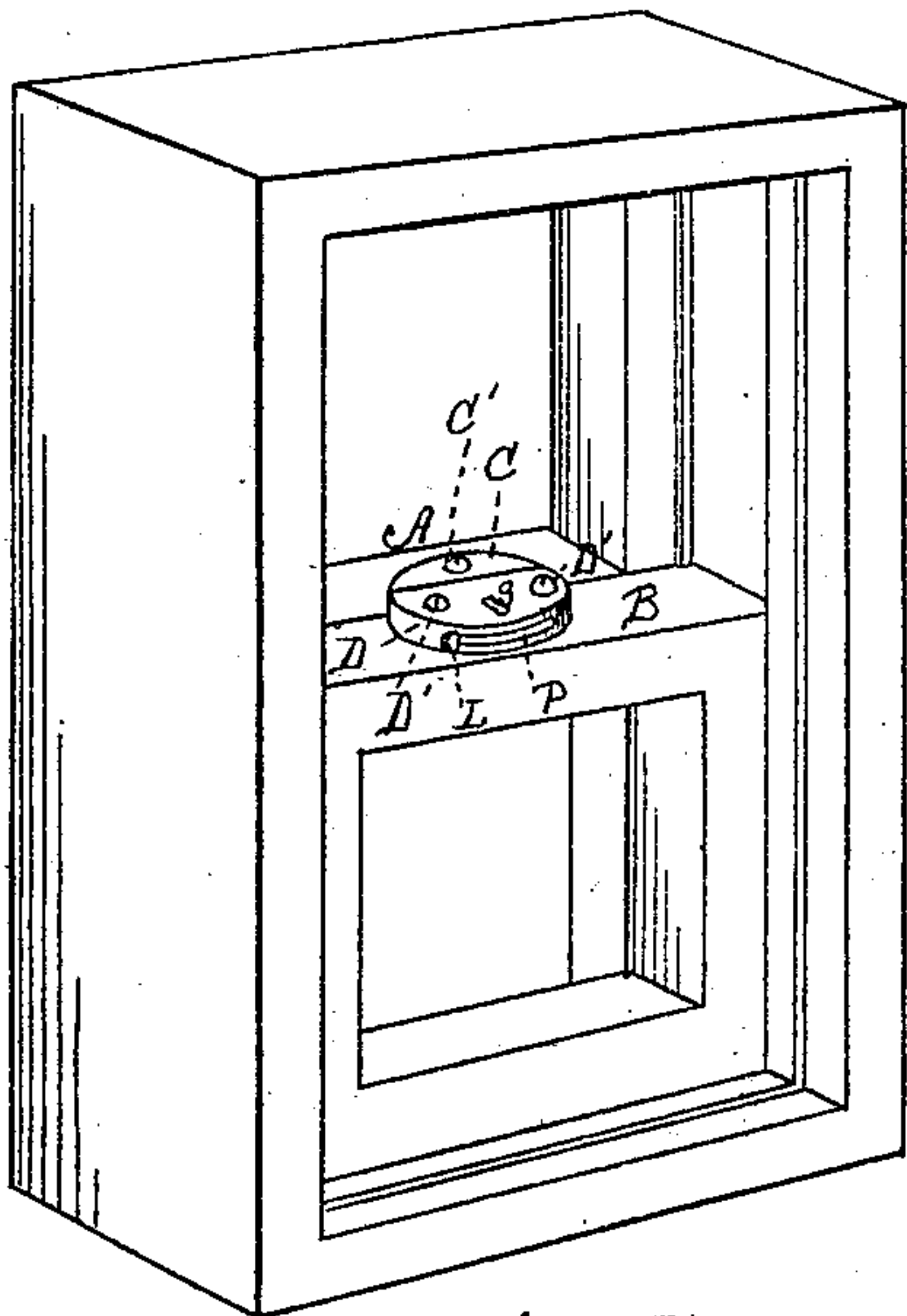


Fig. 1.

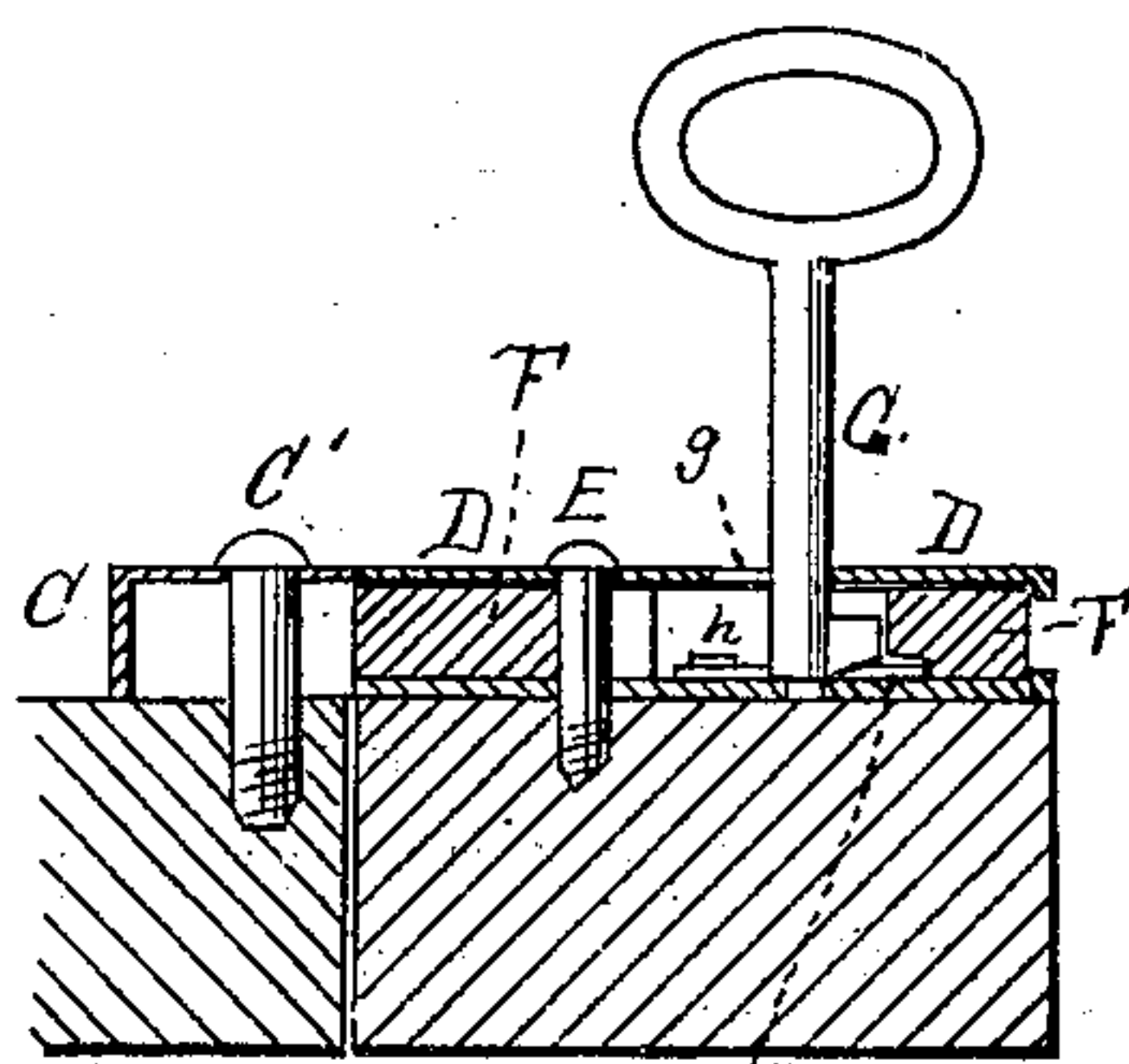


Fig. 5

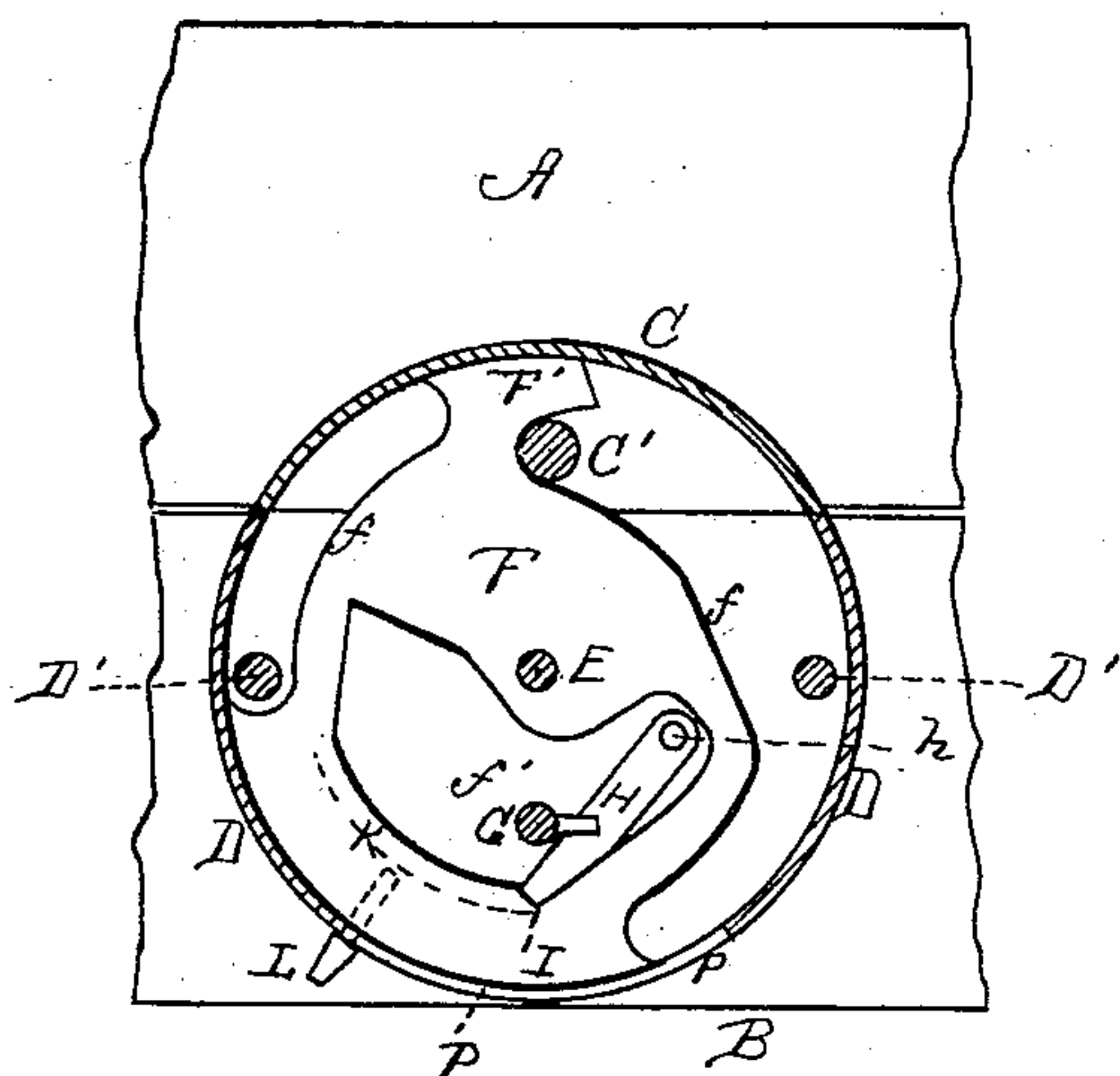


Fig. 2.

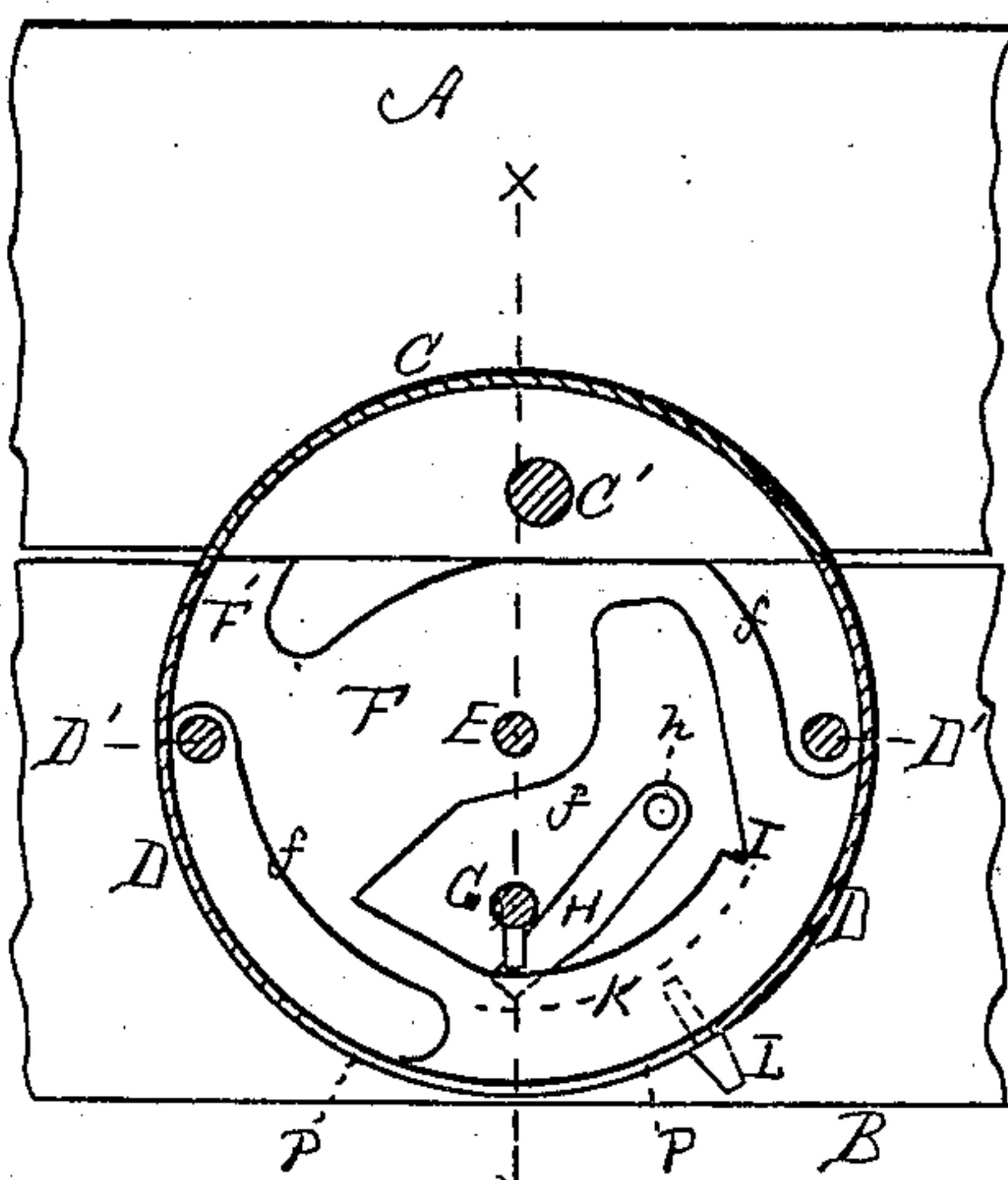


Fig. 3.

WITNESSES

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FASTENER FOR MEETING-RAILS OF SASHES.

SPECIFICATION forming part of Letters Patent No. 253,534, dated February 14, 1882.

Application filed December 23, 1881. (No model.)

To all whom it may concern:

Be it known that I, JOHN E. HOWARD, of Reading, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Window-Fasteners, of which the following is a specification.

The object of this improvement is to provide a strong window-fastener for use principally in locking the meeting-rails of sashes, in which the bolt can be easily moved so as to lock the window, but cannot be withdrawn so as to unlock the window without the aid of a key.

The nature of the invention is fully described below and illustrated in the accompanying drawings, in which—

Figure 1 is a view in perspective of a window provided with my improved fastener locked. Fig. 2 is a horizontal section through the case of the fastener, the bolt being shown in plan, and the device being in the position assumed when the window is locked. Fig. 3 is a similar view in the position assumed when the window is unlocked. Fig. 4 is a plan view of the bolt removed and reversed. Fig. 5 is a vertical section on line *x y*, Fig. 3.

A and B represent respectively the meeting-rails of the upper and lower sashes.

C is a case secured to the rail A by means of the screw C', and D is a case secured to the rail B by the screws D' D', and also, if desired, by the screw or pin E, which also serves as a pivot for the bolt F. This bolt F is somewhat peculiar in shape, and, although not necessarily of the exact shape shown, has certain characteristics. It must have the extension F', by means of which the screw or pin C' is embraced when the window is fastened. It must be cut away at *f f*, in order not to interfere with the screws D' D' when it is rotated, and an opening, *f'*, must be left, so as to give room for the key G and spring-catch H. The spring-catch H is immovably secured at one end by means of the rivet *h*, and is free at the other end to lie in the notch I in the bolt, (as it does when it is locked,) or to slip under the bevel K on the under side of the bolt (see Fig. 4) and at the rear edge of the space *f'*, (as it does when the device is being locked or unlocked.) A pin or handle, L, projects from the bolt F horizontally through the long opening P in the rear side of the case D.

When the window is unfastened the device is in the position shown in Figs. 3 and 5. The spring-catch lies in the bevel K on the under side of the bolt, no portion of which extends outside the case D. The key G, which is supposed to have aided in unlocking the window, is ready to be removed from the key-hole *g*, and the handle L is as far toward the right as the opening P will allow.

To lock the window, simply push the handle L from right to left as far as the opening P will allow. This turns the bolt F on its pivot E until its extension F' embraces the screw or pin C' in the case C, and the spring-catch H, released from the bevel K, flies into the notch I, thus preventing the fastener from being unlocked and preventing the handle and bolt from moving in the slightest. No key is used in locking the device. The fastener being locked, and hence in the position shown in Figs. 1 and 2, to unlock it the key G is inserted through the key-hole *g* and turned toward the right until its lip, which is usually beveled on its under side, as shown in Fig. 5, presses the spring-catch H down flat, thus releasing the bolt, which is then turned toward the right by the handle L, the free end of the spring slipping under the bevel K. It will thus be seen that while the fastener is easily locked it cannot be unlocked without the aid of the key.

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

1. The herein-described improved window-fastener, consisting of the case C and screw or pin C', the case D, provided with the pivot E and opening P, and having the spring-catch H secured to it at the point *h*, and the bolt F, provided with the bevel K and notch I, all arranged and constructed substantially as and for the purpose set forth.

2. The combination of the case D, provided with the spring-catch H, secured thereto as shown, with the bolt F, provided with the bevel K and notch I, substantially as and for the purpose described.

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Witnesses:

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