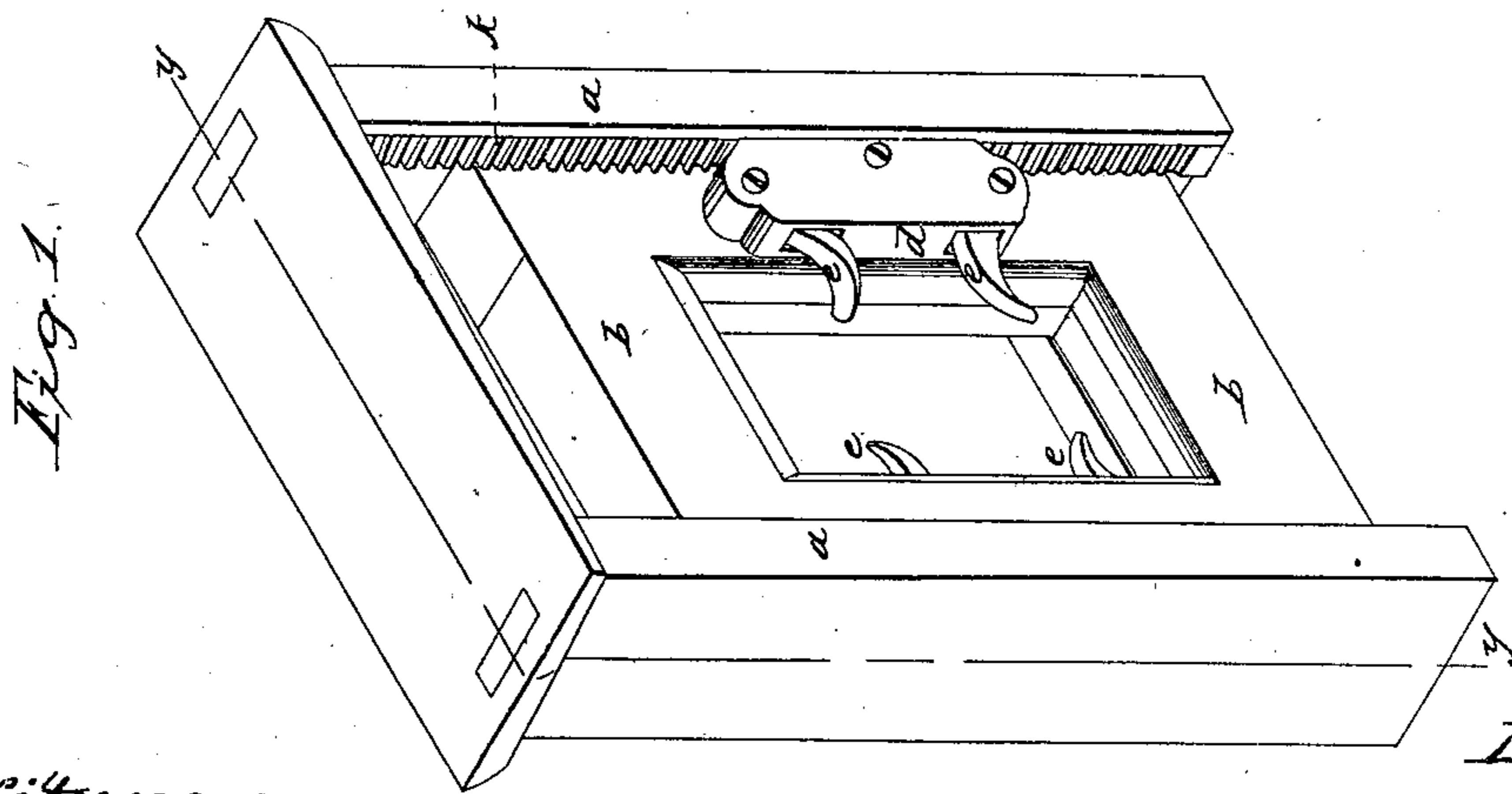
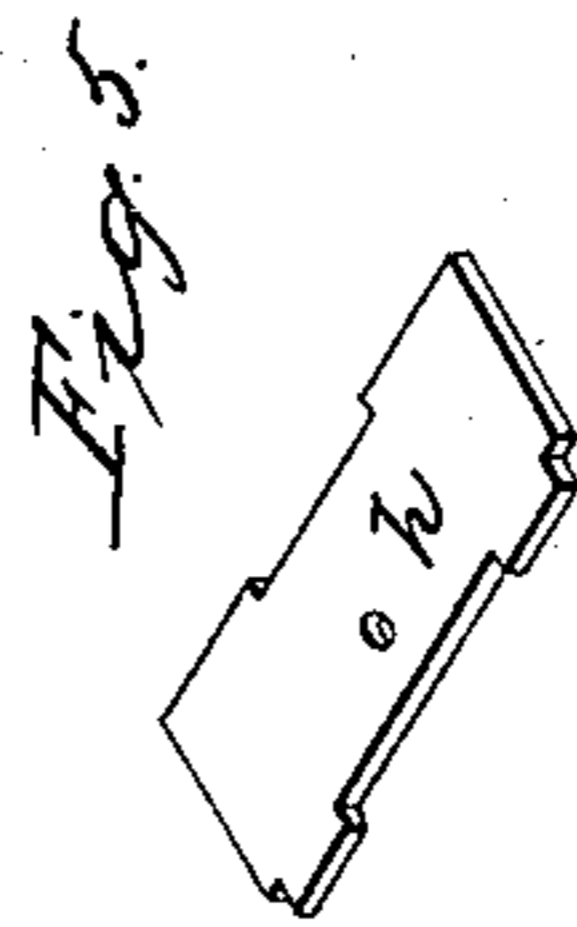
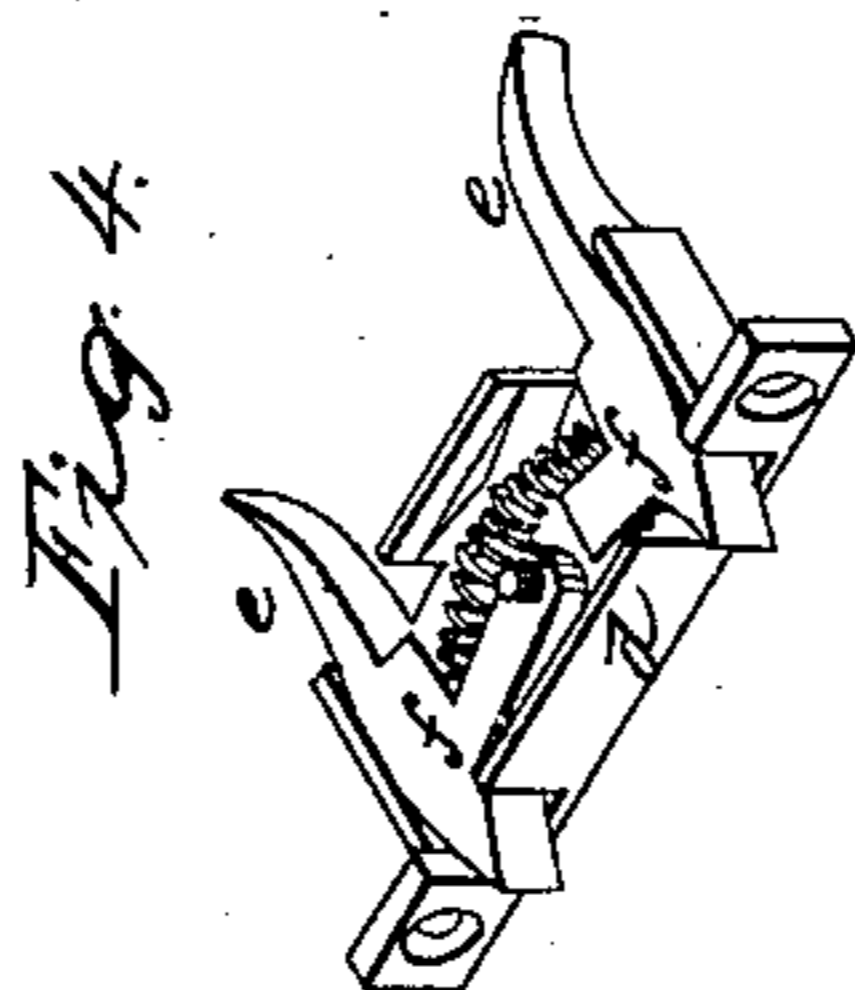
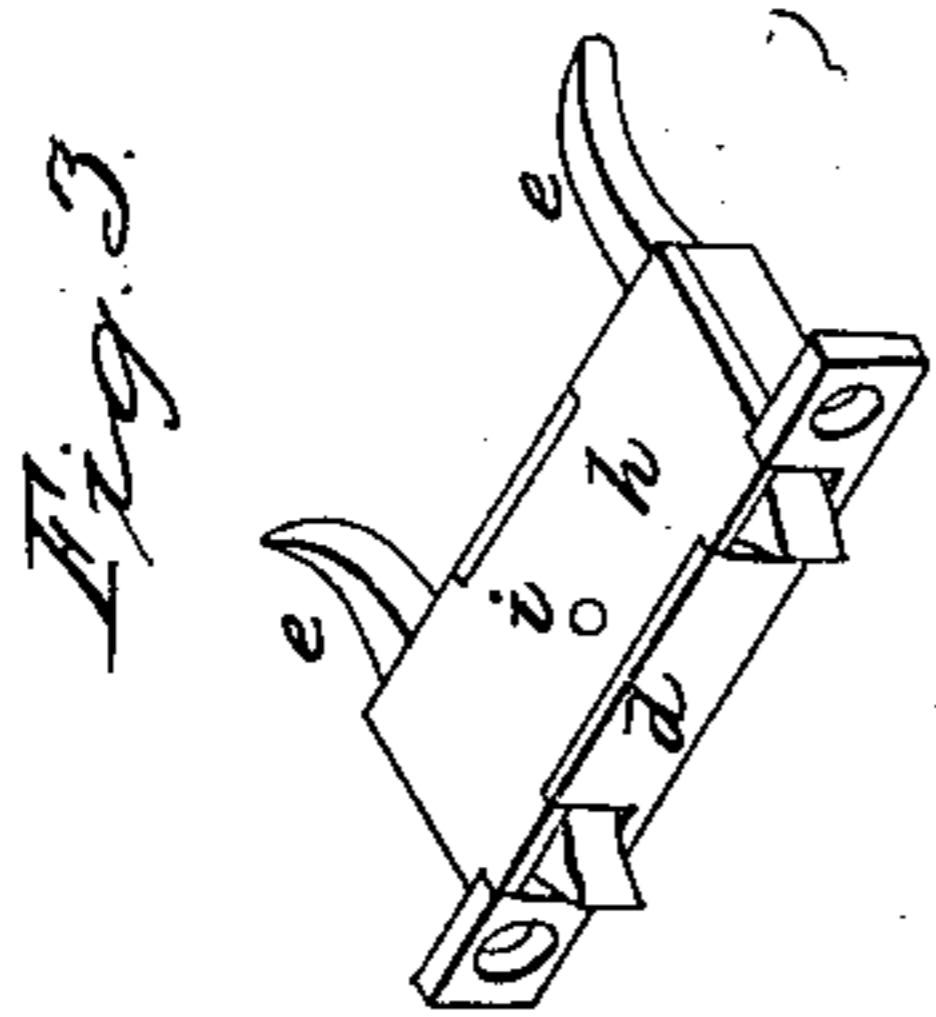
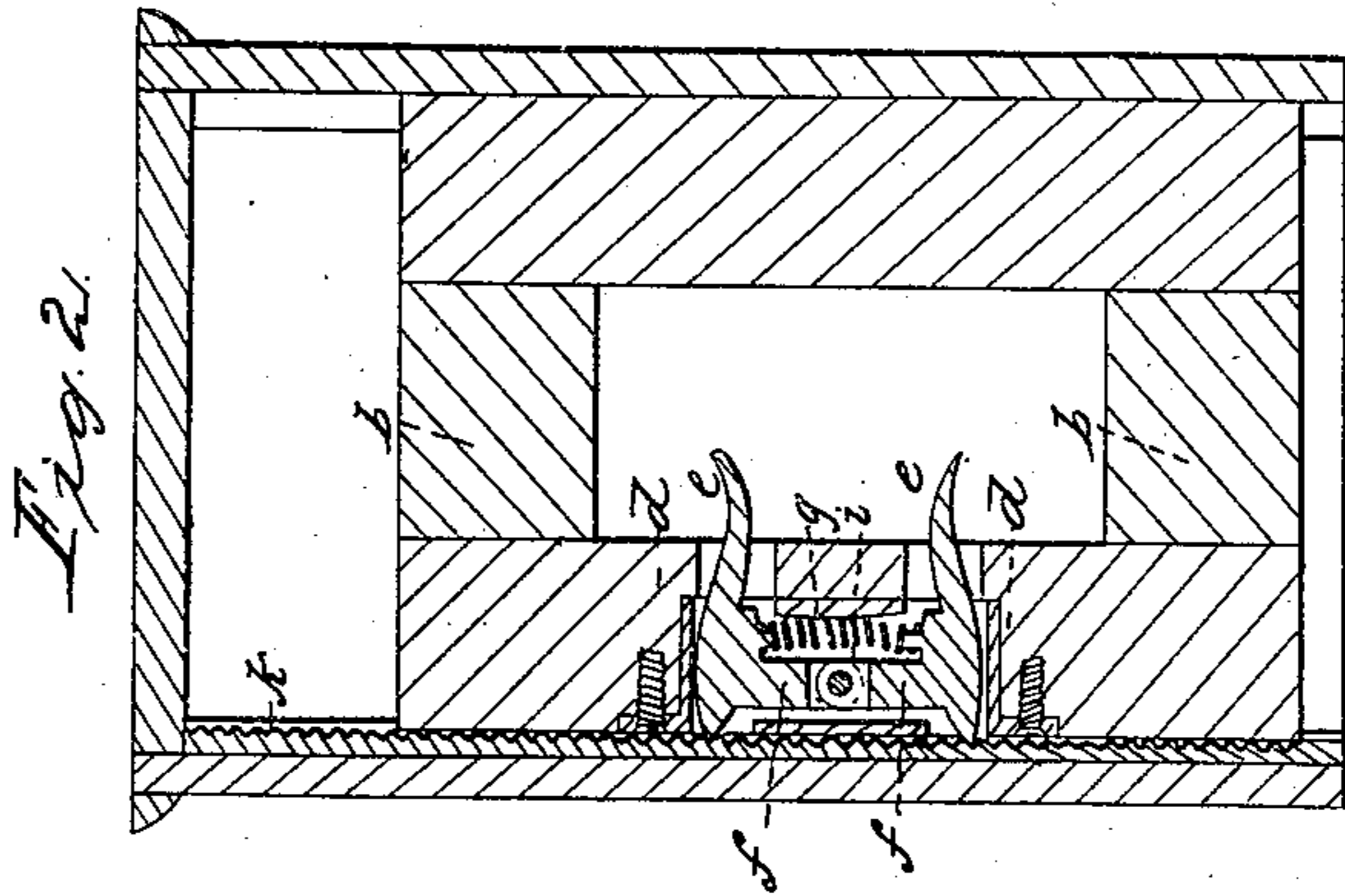


W. N. MARTIN.  
SASH HOLDER AND FASTENER.

No. 33,488.

Patented Oct. 15, 1861.



Witnesses:  
Giles B. Lewis.  
Randolph J. J.

Inventor:  
W. N. Martin  
By his attorney  
J. E. Robbins

# UNITED STATES PATENT OFFICE.

WILLIAM N. MARTIN, OF PROVIDENCE, RHODE ISLAND.

## SASH HOLDER AND FASTENER.

Specification forming part of Letters Patent No. 33,488, dated October 15, 1861.

*To all whom it may concern:*

Be it known that I, WILLIAM N. MARTIN, of Providence, in the county of Providence and State of Rhode Island, have invented a new and Improved Window-Sash Holder and Fastener; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, which form a portion of this specification.

Figure 1 is a perspective view of a detached window-frame containing a single sash *b*, which has two of my improved sash-fasteners combined therewith; Fig. 2, a section in the line *y y* of Fig. 1; Fig. 3, a perspective view of the sash portion of my improved sash-fastener, and Figs. 4 and 5 views which illustrate in detail the construction of said sash-fastener.

The sash portion of my improved sash-fastener is composed of the two angular hand-levers *e f e f*, the pivot *i*, the spring *g*, and the embracing-box *d h*, the shape, arrangement, and combination of which parts are clearly represented in the accompanying drawings.

The window-frame portion of my improved sash-fastener consists of a rack-bar *k*, the teeth of which are so proportioned as to allow both the outwardly-projecting tooth-shaped ends of the hand-levers *e e* to simultaneously fit into the notches between the said rack-teeth, as shown in Fig. 2.

It will be perceived that the shape and arrangement of the hand-levers *e e* are such that the spring *g* serves the purpose of forcing outward the tooth-shaped ends of said levers through appropriate apertures in the outer side of the casing of the same, and that this is accomplished by forcing the inwardly-projecting portions of said levers outward from each other. Consequently the act of drawing the said inwardly-projecting ends of the levers *e e* nearer to each other by closing the hand upon them will draw the tooth-shaped

outer ends of said levers back into the casing of the same.

When the sash which is to be supplied with my improved sash-fastener has a sufficient degree of thickness, the lever-box *d h* is let into a mortise formed in one of the side bars of the sash, and the hand-levers *e e* project inwardly through suitable apertures formed in the bottom of said mortise, as shown in Fig. 2, and when thus arranged the rack-bar *k* is secured to the portion of the window-jamb immediately opposite the outer face of the sash-bar which receives the said lever-case, as also shown in Fig. 2.

My improved sash-fastener may be combined with a car-window, or any other window which has a thin sash, by securing the lever-case *d h* to the face of one of the sash-bars, and then securing the rack-bar *k* to the inner face of the strip *a*, which retains the said sash in its position within the window-frame, as shown in Fig. 1.

It will be perceived that my improved sash-fastener will securely hold a sash in any position, either open or closed, that may be given to it, and also that the levers *e e* serve the purpose of handles, and thereby give a firmer hold for the hand of the operator in opening and closing the sash.

Having thus fully described my improved sash-fastener, what I claim therein as new, and desire to secure by Letters Patent, is—

The arrangement of the levers *e f e f*, the pivot *i*, the spring *g*, and the casing *d h* with each other and with the rack-bar *k*, in the manner herein set forth.

The above specification of my improved window-sash holder and fastener signed and witnessed this 8th day of April, 1861.

WILLIAM N. MARTIN.

Witnesses:

CHARLES F. BROWNELL,  
SULLIVAN BALLOU.