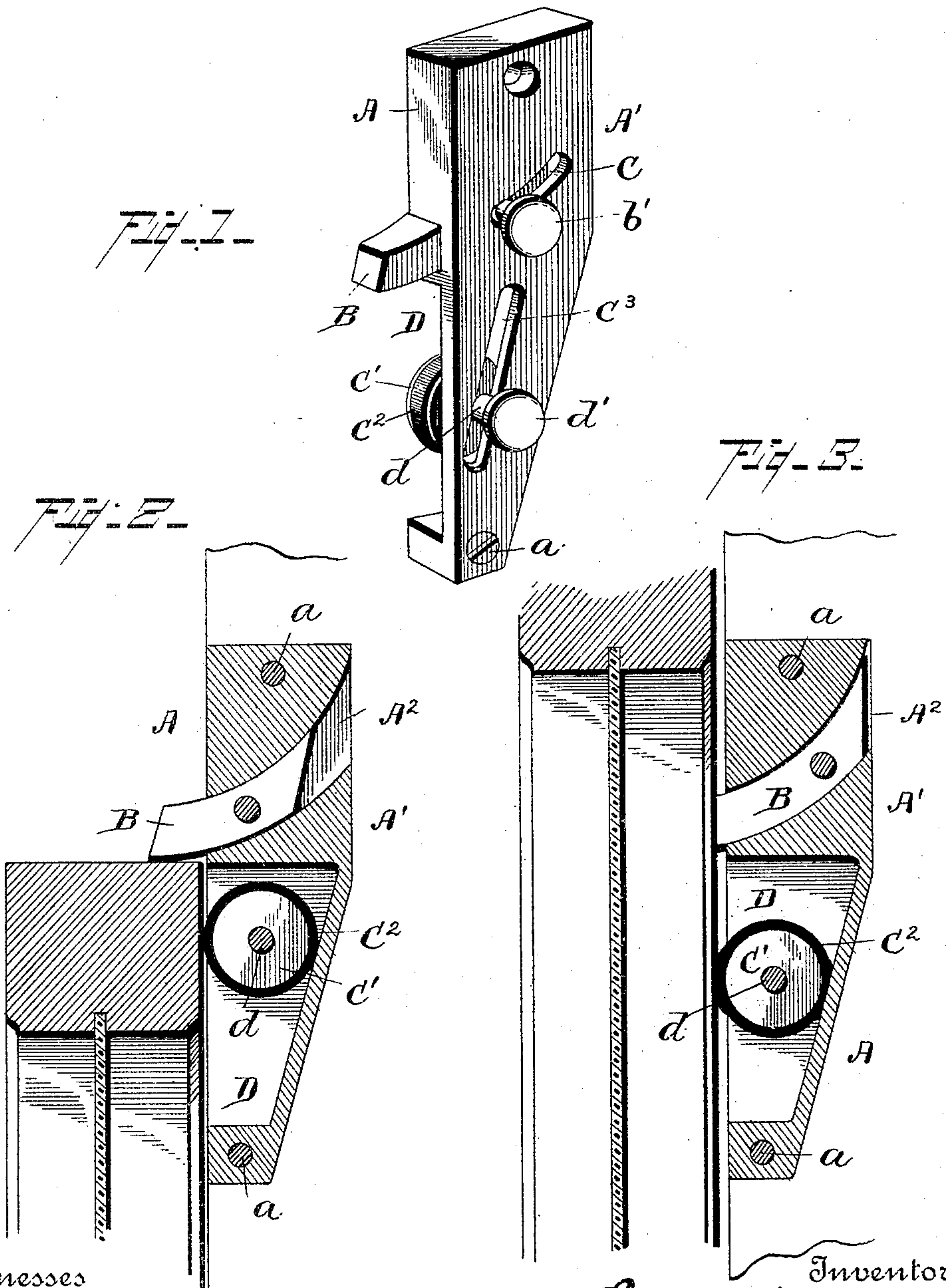


(No Model.)

E. A. BEISEL.
SASH FASTENER.

No. 454,513.

Patented June 23, 1891.



Witnesses

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UNITED STATES PATENT OFFICE.

EDWARD A. BEISEL, OF PORT JERVIS, NEW YORK.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 454,513, dated June 23, 1891.

Application filed March 21, 1891. Serial No. 385,842. (No model.)

To all whom it may concern:

Be it known that I, EDWARD A. BEISEL, a citizen of the United States, residing at Port Jervis, in the county of Orange and State of New York, have invented certain new and useful Improvements in Sash Holders and Locks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in sash holders and locks; and it has for its object, among others, to generally improve upon the construction of this class of appliances.

The invention has for its further and more immediate object the incorporating within a single element a device for holding the window-sash at any desired height and a positive lock which will act automatically to secure the sash in its lowered or closed position when the same shall have been completely closed.

To these ends and to such others as the invention may pertain the same consists in the peculiar construction and in the novel combination, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the accompanying drawings, and then specifically defined in the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, like letters of reference indicating like parts throughout the several views, in which—

Figure 1 is a perspective view of a sash lock and holder embodying the features of my invention. Fig. 2 is a longitudinal section through the same, illustrating the parts in position to lock the window when closed; and Fig. 3 is a like view illustrating the position of the parts when the window is held partly raised.

Reference now being had to the details of the invention by letter, A represents a suitable metallic casting, which is fitted within a

recess provided for its reception in the inner edge of the window frame or casing adjacent to the upper edge of the lower window-sash, as shown, and is held in place therein by means of screws *a a*. The enlarged upper portion A' of the casting A is provided with a transverse recess A², which is formed upon the arc of a circle, and within this curved recess is loosely seated a gravity-latch B, corresponding in form with the curvature of the recess within which it is seated. The outer face of the casting opposite to the gravity-latch B is provided with a curved slot C, and through this slot is passed a pin, which is secured at its inner end to the face of the latch, and at its outer end is provided with a button or handle *b'*, by means of which the latch may be moved within its recess.

Upon reference to the drawings it will be observed that the position of the latch B with reference to the lower sash of the window is such that when the said sash has been lowered the end of the latch will bear directly upon the upper edge of the sash, and it will be further noticed that when thus in its locking position the lower edge of the end of the latch, which bears upon the sash, is in substantially a horizontal plane, thus causing the latch to securely hold the sash and prevent the possibility of its being raised until the latch shall have first been moved into the casting by the operating-handle *b'*.

It will be noted that the front edge of the casting A is in a true vertical line corresponding with the edge of the window-frame to which it is attached, and that from the lower edge of the enlarged upper portion of the casting the rear edge is inclined toward the front edge of the casting. This substantially triangular lower portion of the casting is hollow, and within the triangular chamber D thus provided is placed a metallic friction-roller C', the periphery of which roller is provided with a rubber band C², in order to afford a better hold upon the edge of the sash of the window with which it engages. The said roller C' may be readily moved out of engagement with the sash by means of an operating-button *d'*, which is provided with a shank *d*, said shank being passed through a slot C³ in the casting and secured at its inner end to the said roller.

The operation and advantages of this construction will be at once apparent. The roller *C'* will at all times bear against the edge of the sash and will serve to hold the same at any desired height. The position of the sash may be readily varied by simply moving the roller by means of its operating-handle out of engagement with the sash, and when the window has been fully closed it will be automatically locked.

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

As an improved article of manufacture, the herein-described window-sash holder and lock, the same consisting of a metallic case provided at its upper end with a curved recess having seated therein a gravity-latch

adapted to be projected in a substantially horizontal line beyond the side edge of the casting, and mechanism, as the operating-button *b'*, for withdrawing the latch, the triangular chamber within the lower portion of the case, the friction-roller within said chamber, and the operating-handle *d'*, connected with the roller by means of a shank passed through an inclined slot provided in the side wall of the chamber, substantially as and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD A. BEISEL.

Witnesses:

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FRED H. WORZEL.