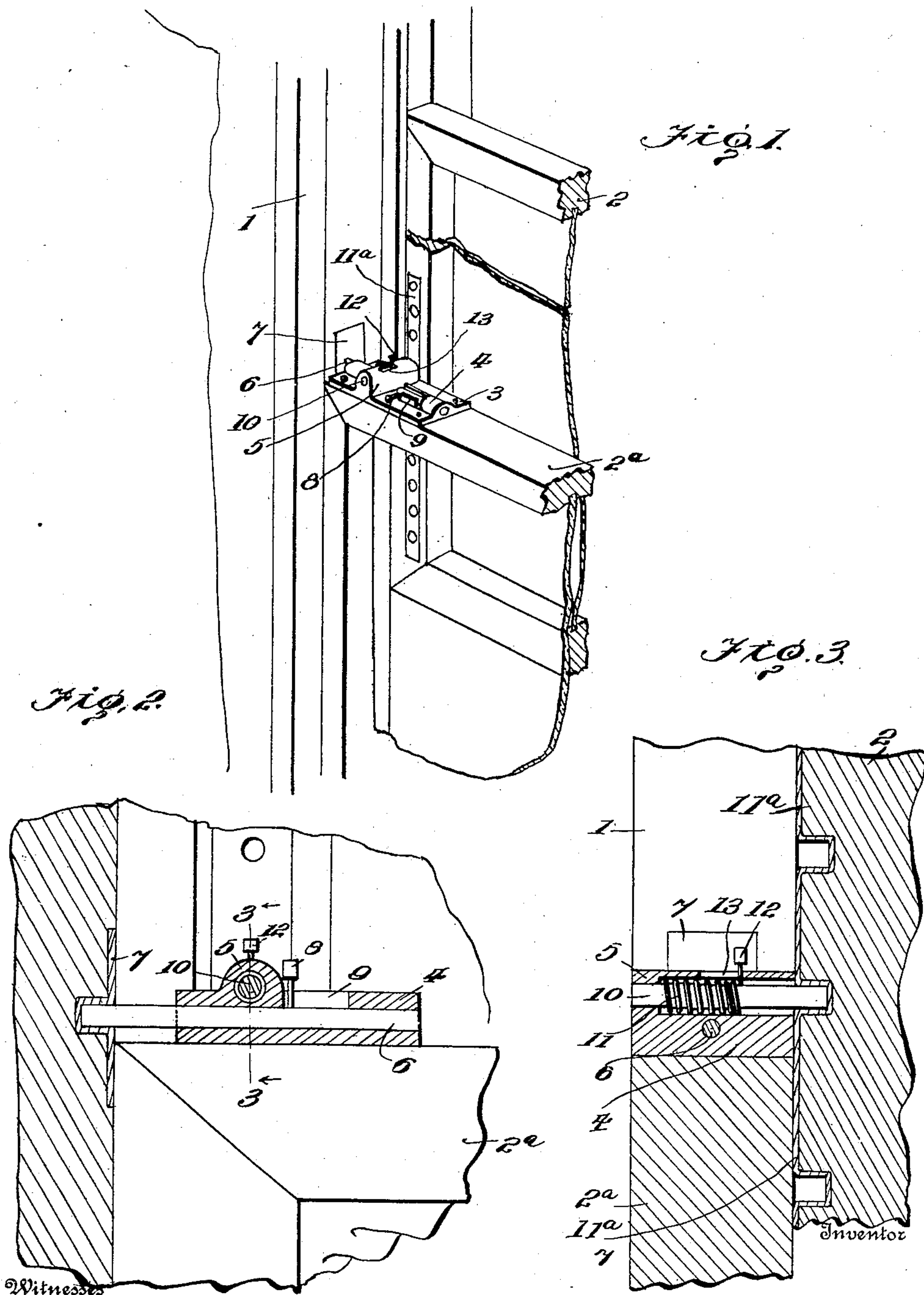


E. L. THOMPSON.
SASH FASTENER.
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912,631.

Patented Feb. 16, 1909.



Witnesses

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ELIAS L. THOMPSON, OF GETHSEMANE, ARKANSAS.

SASH-FASTENER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ELIAS L. THOMPSON, citizen of the United States, residing at Gethsemane, in the county of Jefferson and State of Arkansas, have invented certain new and useful Improvements in Sash-Fasteners, of which the following is a specification.

This invention comprehends certain new and useful improvements in fastening devices of that type designed particularly for use in connection with windows, to secure the sliding sashes thereof effectually in position. The ordinary devices of this character are secured to one of the meeting rails of the window sashes, and are adapted to engage the other rail, in the closed position of the sashes, to secure the same together and thus maintain the sashes in position against any opening movement without the proper manipulation of the fastener. However, with such an arrangement, it will be obvious that the fastener may be only employed when the sashes are in closed position, since otherwise the device is positioned in inoperative relation to the catch carried by the other rail.

The object of the present invention is an improved sash fastener which is carried by one of the sashes and is susceptible of engaging both the other sash and the sash frame, and by means of which it is possible to lock the window in partially open position for ventilation purposes or the like, without the possibility of the window being further opened by an outsider desiring to effect an entrance to the house, thus rendering the occupant comparatively secure, the invention possessing certain other advantages that will become at once apparent as the description proceeds, over the ordinary fasteners in general use.

With this and other objects in view that will more fully appear as the description proceeds, the invention consists in certain constructions and arrangements of the parts that I shall hereinafter fully describe, and then point out the novel features thereof in the appended claim.

For a full understanding of the invention and the merits thereof, and to acquire a knowledge of the details of construction, reference is to be had to the following description and accompanying drawing, in which:

Figure 1 is a perspective view illustrating the application of my improved window fastener; Fig. 2 is a longitudinal section

thereof; and, Fig. 3 is a transverse section on the line 3—3 of Fig. 2.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawing by the same reference characters.

My improved window fastener is designed to be used in connection with a sash frame 1 in which are mounted for a vertically sliding movement, upper and lower sashes 2 and 2^a, the latter being of the usual or any desired or approved construction or design. This fastening device consists essentially of a plate 3 which is secured by any suitable fastening means to the top rail of the lower sash 2^a, and which is disposed in substantially a horizontal position and is located at one end of the rail, as best seen in Fig. 1. Provided on the upper face of the plate 3 are two barrels 4 and 5 which are perpendicular to each other, as shown, so that the barrel 4 extends in the direction of the length of the rail, while the other barrel is disposed transversely thereof, the barrels crossing intermediate of their ends, and the barrel 4 being arranged slightly above the other barrel, in order not to intersect the same.

6 designates a bolt which is slidingly mounted in the barrel 4 and which is adapted to be moved longitudinally therein to project one end beyond the barrel and into a socket provided in a keeper 7 which is countersunk in the adjacent side or jamb of the sash frame 1. When this bolt is engaged with the keeper, it will be manifest that the lower sash 2^a is held against any vertically sliding movement therein, and in order to manipulate the bolt to bring the same into operative or inoperative position according as desired, I provide a fingerpiece 8 which extends outwardly in a slot 9 formed in the barrel, the slot being preferably of the bayonet type, in order to admit of the bolt being held against accidental retraction. In the other barrel 5 is slidably mounted a second bolt 10 which is normally acted upon by a spring 11 so as to be shot longitudinally from the barrel and received in one of a vertically extending series of sockets provided in a second keeper 11^a which is secured to the adjacent stile of the upper sash 2. A fingerpiece 12 is secured to the bolt 10 and extends outwardly through a slot 13 in the barrel 5, and is arranged to abut against one end of said slot, to limit the

movement of the bolt. In addition to the function just named, it will be seen that the fingerpiece also serves to afford means for conveniently retracting the bolt when it is
5 desired to engage the same with another socket in the keeper, in order to effect a new adjustment of the window.

From the foregoing description, in connection with the accompanying drawing, it
10 will be apparent that by engaging the bolt 6 with the keeper 7, the lower sash 2^a of the window may be held securely in position, while the upper sash 2 may be lowered to open the window as much as is desired, to
15 effect the proper ventilation of the room, and may be securely held in such position through the instrumentality of the second bolt 10 which is shot into the requisite socket in the keeper 11^a. Inasmuch as the fasten-
20 ing device is carried by the upper rail of the lower sash 2^a, it will be seen that it is accessible from the inside of the window only, and hence the occupant of the room may secure the window thereby in partially open
25 position, and may feel comparatively safe against any entrance being unlawfully effected through such window.

It is to be particularly observed that this fastening device may be applied to the usual

construction of window, without any material change therein; that it is susceptible of being quickly operated, and is positive in action; that it embodies to a marked degree the elements of simplicity, durability and efficiency in construction and operation, and
35 that it may be easily and cheaply manufactured so as to be placed upon the market at a reasonable price.

Having thus described the invention, what I claim is:

A sash fastener comprising a barrel formed with a bayonet slot, a bolt slidingly mounted in the barrel and provided with a fingerpiece projecting outwardly through
40 said slot, a second barrel disposed perpendicularly to the first named barrel and crossing the same at an intermediate point and formed with a longitudinal slot, and a spring-pressed bolt mounted in the last
45 named barrel and provided with an outstanding fingerpiece working in the slot to limit the movement of the bolt in the barrel.

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

ELIAS L. THOMPSON.

Witnesses:

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