

(No Model.)

J. BRADY.

COMBINED BURGLAR ALARM AND SASH FASTENER.

No. 321,184.

Patented June 30, 1885.

Fig. 1.

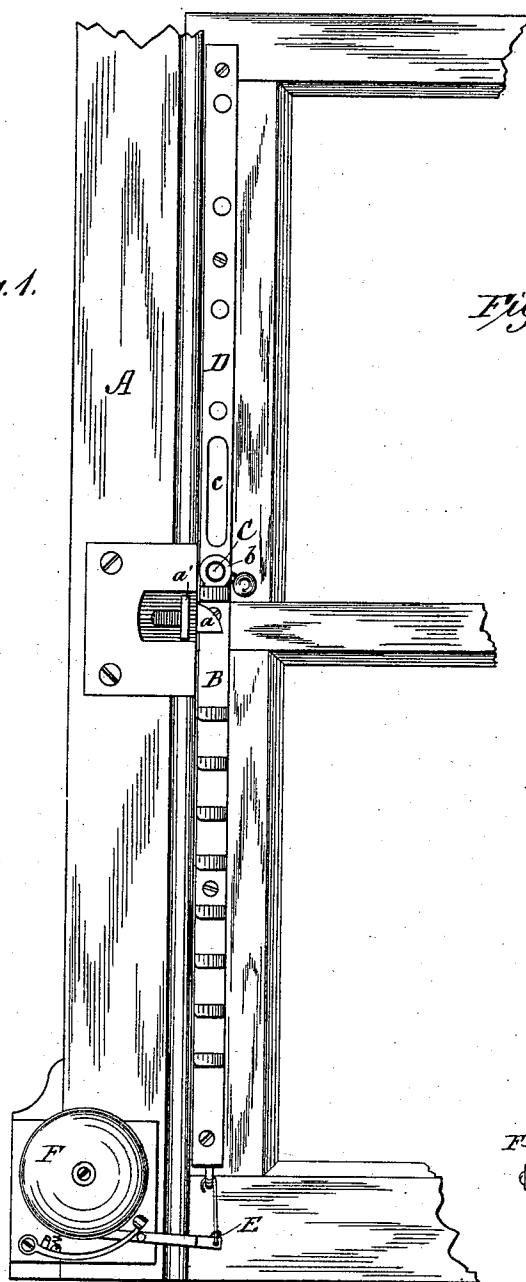
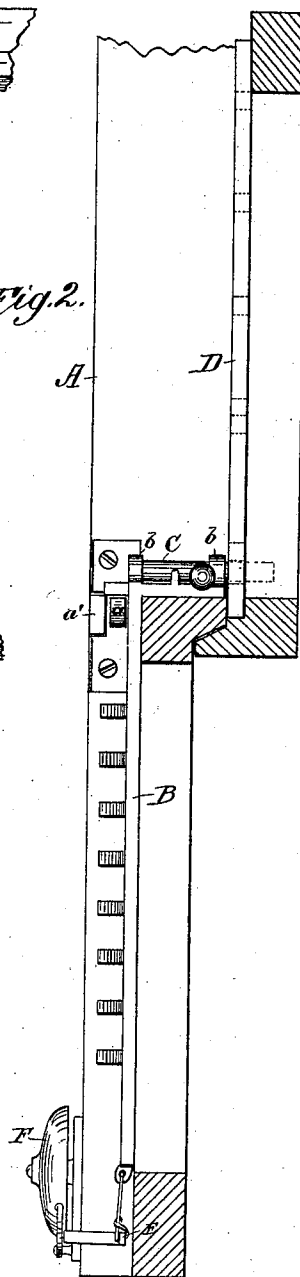


Fig. 2.



WITNESSES:

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COMBINED BURGLAR-ALARM AND SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 321,184, dated June 30, 1885.

Application filed March 17, 1885. (No model.)

To all whom it may concern:

Be it known that I, JOHN BRADY, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Combined Sash Supporter, Lock, and Alarm, of which the following is a description.

Figure 1 is a front elevation of my invention shown applied to a window-sash, and Fig. 2 is a side view of the same with the window in section.

The object of my invention is to provide a means for holding the upper or lower sash of a window in any desired position, and locking the same in such position, or locking the same in its closed position, and also for giving an alarm of any attempt to open the windows from the outside.

To these ends my invention comprehends a novel construction and arrangement of parts, which I will now proceed to describe.

In the drawings, A represents the window-frame, in which, on a level with the meeting-rails of the two sashes, is mortised a frame-plate carrying a spring-bolt, *a*, which has a thumb-piece, *a'*, moving in a recess in the frame-plate, by which the bolt is withdrawn. The bolt is beveled on its upper face and projects inwardly toward the window-sashes. In the plane of this bolt, and screwed to the vertical bar of the lower sash, is a toothed metal bar, B, having teeth about a half-inch apart, into the spaces between which the beveled end of the locking-bolt is adapted to enter. At the top of the bar, and cast in one piece with the same, are bolt-guides *b*, in which is arranged a bolt, C, occupying a position at right angles to the plane of the window-sash. This bolt is adapted to lock into a series of holes in a metal bar, D, screwed to the inner side of the upper sash. To lower the upper sash, this bolt C is drawn back and allowed to enter any one of the series of holes. To sustain the lower sash in elevated position, the spring-bolt *a* is drawn back and allowed to enter the space between the teeth of the bar B. To lock the sash, the said teeth engage with the

under flat side of the bolt; but to allow a slight movement of the sash to take place in order to sound an alarm, the upper portion of the lower bar is left for about an inch and a half without teeth, and the lower portion of the upper bar is formed with a slot, *c*, of equal length, in which the bolt C can play, and to the lower bar or a portion of the sash is attached a wire or trigger, E, connecting with a trip or catch in a gong, F, which is released and the gong set to ringing by the pull on the trigger caused by an attempt to raise the lower sash. At the lower end of the upper bar, and just beneath the slot *c*, is a single hole, in which the bolt C can be shot, to rigidly lock both upper and lower sash in closed position. At their lower edges the teeth of the lower bar are beveled or rounded off on the side next to the spring-bolt, so that the latter need not be drawn back when the sash is to be lowered; but the sash may be gently but firmly forced down, and the bolt be thus made to yield automatically.

In making use of the alarm any form of gong may be used—*i. e.*, a gong which rings for some time from the force of a spring and spur-gear, or a gong which is simply made to strike from the force applied to lift the sash.

Having thus described my invention, what I claim as new is—

The combined sash supporter, lock, and alarm herein described, consisting of the bar D, attached to the front of the upper sash, and provided with bolt-holes, toothed bar B, attached to the front of the lower sash, and having a plain space at its upper end, and formed with bolt-guides *b b*, containing bolt C, the spring-bolt *a*, arranged in the window-frame to move parallel to the sash and engage with the toothed bar, and alarm F, fastened to the window-frame and connected to the lower sash, substantially as shown, and for the purpose set forth.

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Witnesses:

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