No. 675,263. Patented May 28, 1901.

D. T. BROWN.

SASH LOCK.

(Application filed Jan. 28, 1901.)

(No Model.) 2 Sheets—Sheet 1.

Fig. 1.

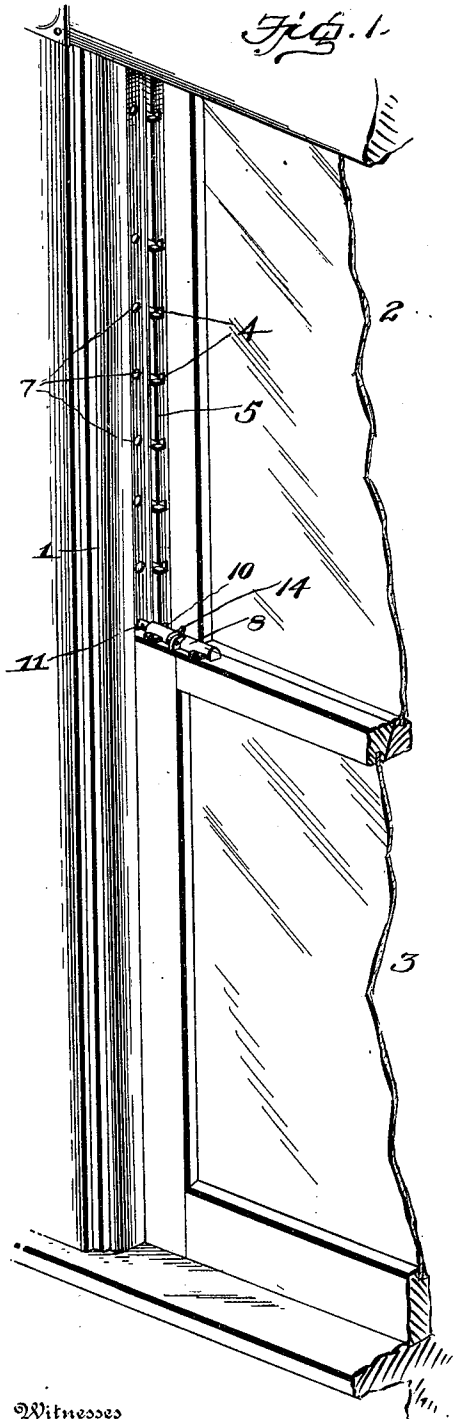
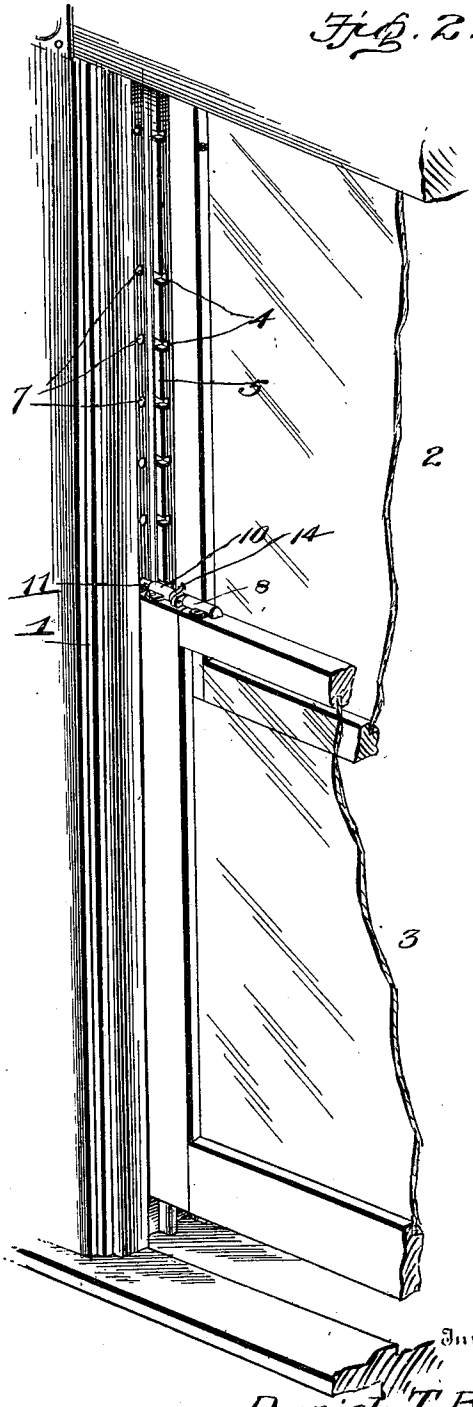


Fig. 2.



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Fig. 3.

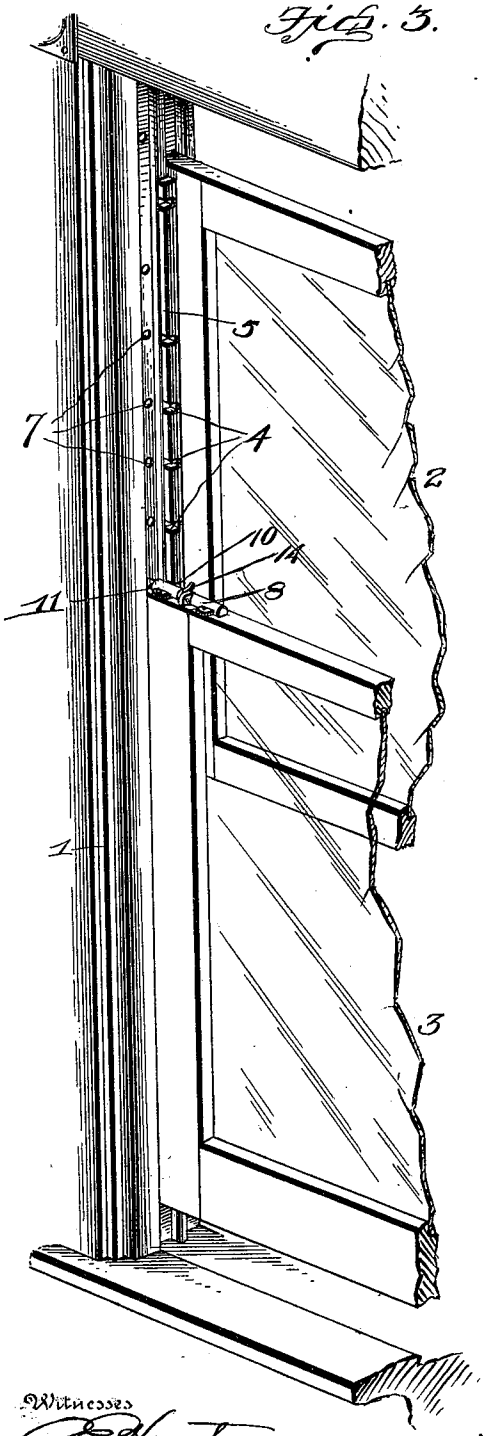


Fig. 4.

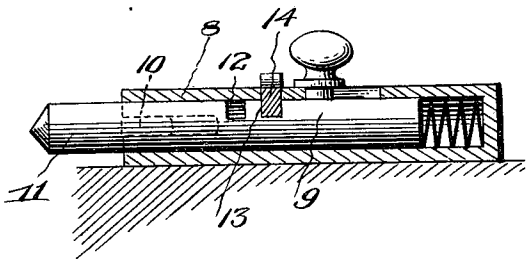
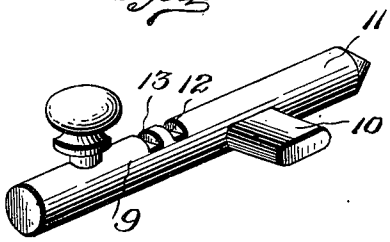


Fig. 5.



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UNITED STATES PATENT OFFICE.

DANIEL T. BROWN, OF PAWTUCKET, RHODE ISLAND.

SASH-LOCK.

SPECIFICATION forming part of Letters Patent No. 675,263, dated May 28, 1901.

Application filed January 28, 1901. Serial No. 45,113. (No model.)

To all whom it may concern:

Be it known that I, DANIEL T. BROWN, a citizen of the United States, residing at Pawtucket, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Sash-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.

The invention relates to sash-locks.

The object of the invention is to provide a lock of this character by means of which the sashes—the upper and lower ones—may be simultaneously locked the one to the other and to the window-frame, so that a person may adjust the upper or lower sash, or both, to ventilate or air the room and at the same time lock them to prevent the entrance of an unauthorized person.

With this and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, which will be hereinafter more fully described, and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a perspective view of a portion of a window-frame, showing the sashes in locked and closed position. Fig. 2 is a similar view showing the lower sash elevated and locked in position. Fig. 3 is a similar view showing the lower sash elevated and the upper sash lowered and locked in their adjusted positions. Fig. 4 is a longitudinal sectional view through the bolt and casing. Fig. 5 is a detail perspective view of the bolt removed from its casing.

Referring now more particularly to the drawings, the numeral 1 denotes the window-frame, and 2 and 3 the upper and lower sashes, respectively. The sash 2 is provided with a vertical row of bolt-seats 4, which seats are preferably in the form of notches cut into a bar 5, which is bolted or otherwise secured to the inner face of the side piece of the sash. The inner face of one of the side pieces of the window-frame is provided with a vertical row of bolt-seats 7. The meeting or upper rail of the lower sash is provided with a fastener of any desired construction, which is designed to simultaneously lock the sashes one to the other and lock them to the window-frame. This fastener preferably consists of a casing 8, screwed or otherwise secured to the upper surface of the meeting-rail, in which is arranged a spring-actuated bolt-shank 9, having bolt-heads 10 and 11, respectively, arranged at right angles and designed to engage the seats 4 and 7. The shank is provided in its upper surface with two notches 12 and 13, which are adapted to be engaged by a latch 14, pivoted to the casing. This latch will serve to hold the bolt-heads out of engagement with their respective seats when it is not desired to lock the sashes and to hold the bolt-heads into engagement with the seats when the sashes are locked.

If it be desired to lower the upper sash, this may be done and the room be ventilated from the top. If it be desired to ventilate from below, the lower sash is elevated and is held in locked position. If it be desired to adjust both sashes—that is, lower the upper and raise the lower—this also may be done and the sashes be locked one to the other and to the window-frame. It is oftentimes desirable to adjust the sashes in their normal position—say at a distance of two or three inches—especially in the summer, to allow the room to ventilate; but this is made undesirable from fear of the entrance of some unauthorized person, either while the occupant of the house is asleep or temporarily out. The employment of a lock of this character removes all grounds for fear, as the sash may be securely locked against the entrance of an unauthorized person, while at the same time one or both may be adjusted for the purpose of ventilation, or they both may be closed.

From the foregoing description, taken in connection with the accompanying drawings, the construction, mode of operation, and advantages of my invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and minor details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

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

The combination of a window-frame having a vertical row of bolt-seats, upper and lower sashes, the former of which is provided with a vertical row of bolt-seats, and a fastener for simultaneously engaging said seats for locking the sashes one to the other and to the window-frame, said fastener comprising a shank having bolt-heads which are arranged at right angles to each other, said shank being provided with notches and a latch to engage said notches to hold the bolt-heads in locked or unlocked position and the spring for forcing the bolt-heads into locked position, substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

DANIEL T. BROWN.

Witnesses:
W. H. CROWNINSHIELD,
CHAS. H. LAWTON.