

M. GEE.

Fasteners for the Meeting-Rails of Sashes.

No. 141,640.

Patented August 12, 1873.

Fig. 1.

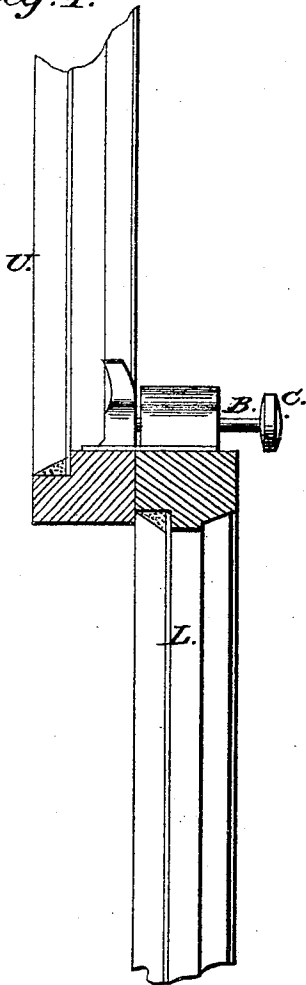


Fig. 2.

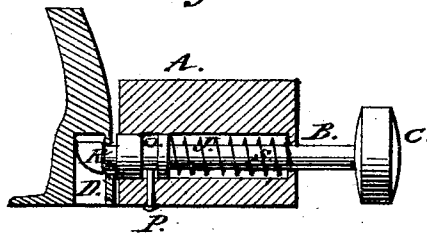
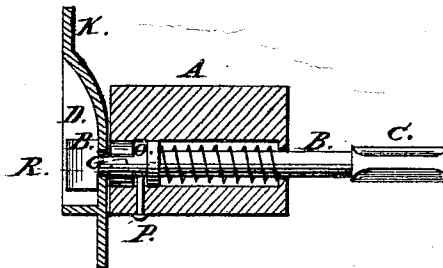


Fig. 3.



Attest

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IMPROVEMENT IN FASTENERS FOR THE MEETING-RAILS OF SASHES.

Specification forming part of Letters Patent No. **141,640**, dated August 12, 1873; application filed June 13, 1873.

To all whom it may concern:

Be it known that I, MYRON GEE, of Oakland, in the county of Alameda and State of California, have invented certain Improvement in Window-Lock and Sash-Holder, of which the following is a specification:

My invention relates to a window-lock and sash-holder; and it consists in the novel construction and arrangement of a bolt having concentric grooves and slot, a pin, thumb-piece, catch-spring, and outside case or shell, adapted either for the ordinary meeting-rail of the sash or for use in covering the mullion of the same, as will be hereinafter more fully described.

Figure 1 is a section, showing a portion of the upper and lower sash of a two-light window, and showing the manner of attachment of the window-lock and sash-holder. Fig. 2 is a section of the lock with the catch used with the single-light two-sash window with the bolt thrown into the catch. Fig. 3 shows a section of the sash-lock with a face catch-plate, adapted to a window having a mullion or middle stile to the sash, as is the case with a four-light window.

A is the case of the lock; B, the bolt; C, the thumb-piece; S, the bolt-spring; K, the catch covering the mullion of the window-sash; D, the catch-chamber; U, the upper, and L the lower, sash. R and O are concentric grooves in the bolt B, and G is a longitudinal slot to allow the bolt to pass upon the pin P.

The following is the operation of the lock: The bolt B being withdrawn and turned by the thumb-piece, the groove R, operating on the pin P, holds the bolt while the window is raised. When the sash L is to be lowered, and is to be locked to prevent the window from shaking by the action of the wind, the bolt is turned

by the thumb-piece C until the slot G is in line with the pin P, when the spring S throws it forward, the head entering the catch-chamber D, when it is turned by the thumb-piece C, the head locking across the opening in the catch-chamber D, as shown in Fig. 3.

By this means the sash are held firmly together, as shown in Fig. 1, and all rattling is prevented.

When the bolt B is thrown out by the spring S, the pin P and slot G being in line and the sash U being up, as the same is lowered the bolt B strikes the incline upon the catch K covering the mullion of the sash, and is forced back until the end of the bolt B reaches the opening in the chamber D, when it is released, and the spring S throws it into the chamber D, locking the sash L and U.

The sash-lock is adapted to balanced or weighted sash.

What I claim, and desire to secure by Letters Patent, is—

1. The bolt B having the concentric grooves R and O, and the slot G operating in connection with the pin P, when constructed and arranged substantially in the manner and for the purposes set forth.

2. The combination and arrangement of the bolt B having the grooves R and O, and slot G operating in connection with the pin P, the thumb-piece C, the case A, and catch K covering the mullion of the window-sash, the whole being constructed and operated substantially in the manner and for the purposes set forth.

MYRON GEE.

Witnesses:

A. T. DOZIER,
JOHN H. REDSTONE.