

F. A. BATTEY.
Sash-Holder.

No. 160,047.

Patented Feb. 23, 1875.

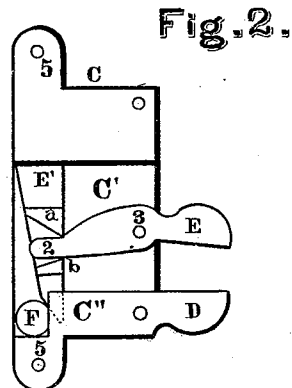
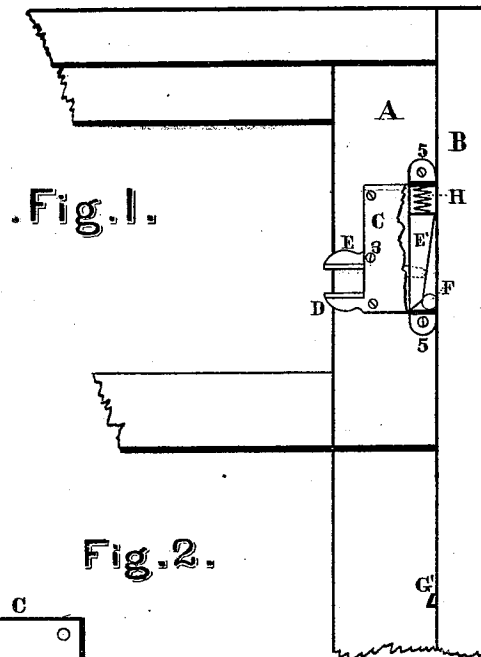


Fig. 3.

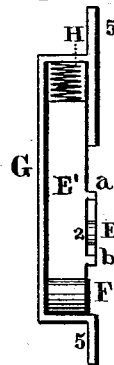
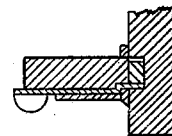


Fig. 4.



Attest:

J. L. Chapin.
John H. Elliott.

Invention:

Frederick A. Battey

UNITED STATES PATENT OFFICE.

FREDERICK A. BATTEY, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. **160,047**, dated February 23, 1875; application filed October 30, 1874.

To all whom it may concern:

Be it known that I, FREDERICK A. BATTEY, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Sash Lock and Holders, of which the following is a specification:

The object of the present invention is to provide more convenient means for locking window sashes and blinds at any desired point in the frames, and at the same time preventing the sash from having lateral movements and from rattling.

The invention consists in combining a wedge-shaped bar with a loose roller and operating-lever, spring, and suitable case, whereby the roller may move on the wedge-shaped bar and press against the jamb-casing and hold the sash in a fixed position, as the whole is hereinafter described and shown.

In the drawings, Figure 1 is a broken elevation of the side and top of a window-frame, broken elevation of a sash, and an elevation of my improved sash lock and holder with the elevated part of the lock-case broken away to show the working parts inside; Fig. 2, an enlarged elevation of the back side of the sash-lock detached from the sash; Fig. 3, an elevation of that edge of the lock adjoining the jamb-casing, also enlarged to correspond to Fig. 2. Fig. 4 shows the case of the lock arranged for the wedge-shaped bar and roller to be let into the sash as an equivalent device.

G, C, C', and C'' represent the lock-case, which is countersunk on the back at C' that the lever E may come even with the part C C'', provided with ears 5 5, through which are screw-holes, and with an elevated part, G, for supporting the working parts. A wedge-shaped bar, E', is placed in the elevated part G, and it is provided with lugs a b, that the end 2 of lever E, pivoted to the plate C' at 3, may move said bar E' vertically up or down in the case G. A coil-spring, H, operating against the upper end of the bar E', holds the latter down when the lever E is released. The

lower end of the wedge-shaped bar E' has a steep incline, as shown at Figs. 1 and 2, that the loose roller F may rotate back into the case far enough to allow a sash to be run down in its frame without the rollers coming in contact with the jamb-casing B.

The case may be made of sheet metal or any other suitable material; or it may be cast and plated, or finished in the ordinary manner of sash-locks.

The roller is metal, but it may be covered on its periphery with any suitable hard elastic substance to prevent wearing the jamb-casing.

After the case C C' C'' is fastened to the sash A, as shown in Fig. 1, the latter will be held fast in the frame, so as not to drop, but it may be raised without moving the lever E; but to lower the sash the lever E must be brought by the hand well down toward finger-hole D before any downward force is applied to the sash. This will allow the roller F to recede from the jamb-casing B, and permit the sash to drop without the roller's catching. On releasing the lever E the point of the bar E' will be, by spring H, forced behind roller F, and cause to catch the jamb-casing.

To hold the sash down the roller F is caused to catch under a substantial stop, G', driven into the jamb-casing, or into the window-stop. To release the roller from the stop, press down on lever E.

By this means the sash is held down, up, and from moving laterally, and is, therefore, especially adapted to car-windows.

I claim, and desire to secure by Letters Patent of the United States—

The wedge-shaped bar E', provided with lugs b a, and tapered lower end, in combination with the roller F, spring H, lever E, and case C, C', and C'', as and for the purposes described.

FREDERICK A. BATTEY.

Witnesses:

J. H. ELLIOTT,
G. L. CHAPIN.