

E. P. MASTERSON.

Improvement in Sash-Holders

No. 127,906.

Patented June 11, 1872.

Fig. 1.

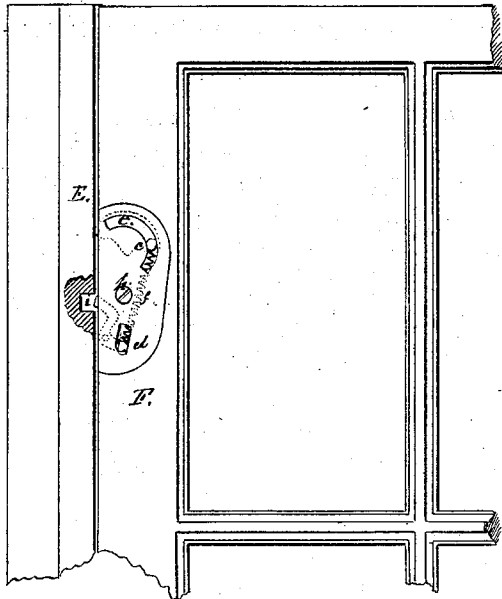


Fig. 2.

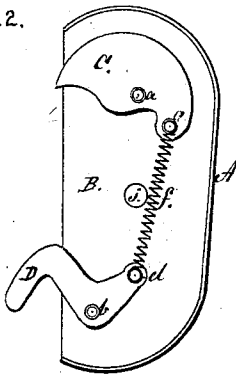
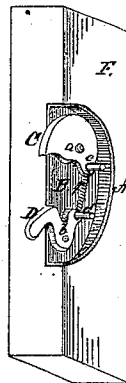


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

ELIAS P. MASTERSON, OF PORT JARVIS, NEW YORK.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. 127,906, dated June 11, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, ELIAS P. MASTERSON, of Port Jarvis, in the county of Orange and State of New York, have invented a certain new and useful Improvement in Window-Stops and Sash Fastenings or Locks; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 represents a broken-off section or portion of a window-sash and window-frame, showing the combined holder and lock as fitted to the same. Fig. 2 shows a face view of internal parts or mechanism for holding the sash up in any position and locking it closed. Fig. 3 is a shaded perspective view of the same.

My invention relates to combined window-sash holder and lock; and it consists in the simple arrangement of placing an eccentric cam on a pin in one end of a case and a tumbler-bolt on another pin at the other end of the case, and connecting the two together by a spiral spring to hold either or both the cam and tumbler in position.

To enable others to make, apply, and use my improved sash-stop and lock I will describe it more fully, referring to the drawing and letters marked thereon.

A is the cast-metal case, having pins *a* and *b* cast on either its under side or on bottom plate B. On pin *a* is fitted an eccentric cam, C, which has cast on it a projecting pin, *c*, extending out through a curved slot, *e*, in the cap or case, by which the cam is actuated so as to allow the sash to be moved up or down. D is the tumbler, which forms the bolt for securely locking the window when closed, is cast any proper form to best effect the purpose, and is pivoted on the pin *b* at the other end of

the case A. This tumbler-bolt has also a projecting pin, *d*, cast on it, by which it is actuated to unlock the sash. The projections *e* on the cam C, and *d* on the tumbler-bolt D form the hitching-pins for the spiral spring *f*, which connects the cam and the tumbler-bolt together, and operates on both to hold them in position, the cam C bearing as a friction-stop against the jamb E of the window-frame, and the tumbler-bolt D locking into the recess *i* made in the jamb or casing to receive it. The metal case A is let into the inside face of the window-frame F flush, and is secured by a single screw, *h*, in the central portion of it, the hole *i* for it being made or cast in both the plates.

It is not necessary that there should be two plates to the case A, as a flanged cap with the openings in it for the operating-pins *c* and *d*, and the pivoting-pins *a* and *b* cast on to receive the cam C and the bolt D when fitted in the sash F and secured by the screw *h*, will answer every purpose.

It will readily be seen that a very cheap and efficient window-sash holder and lock are provided, when constructed and applied in the manner as above described.

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

The improved sash-holder, consisting of the slotted shell or case, the eccentric cam C having a projecting pin, *c*, the tumbler-bolt D with its projecting pin *d*, and the connecting-spring *f* actuating both cam and bolt, all constructed, arranged, and operating as described and shown, for the purpose set forth.

In testimony whereof I hereunto subscribe my name.

E. P. MASTERSON.

Witnesses:

GEO. CLAUSON,
S. T. BARRETT.