

J. Wilkinson,

Sash Fastener.

No. 100,577.

Patented Mar. 8. 1870.

Fig. 1.

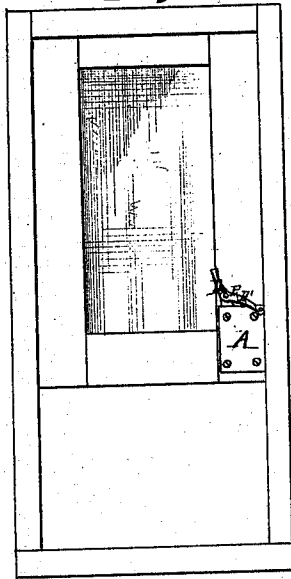


Fig. 2.

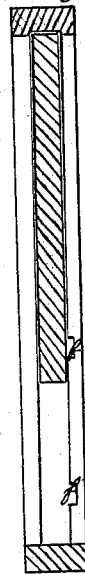
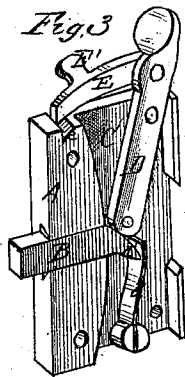


Fig. 3.



Witnesses
A. Connolly
J. W. C. Perkins.

Inventor
James Wilkinson
by his atty
Thos. A. Connolly.

United States Patent Office.

JAMES WILKINSON, OF ALBANY, NEW YORK.

Letters Patent No. 100,577, dated March 8, 1870.

IMPROVEMENT IN SASH-HOLDERS.

The Schedule referred to in these Letters Patent and making part of the same.

I, JAMES WILKINSON, of Albany, in the county of Albany, and State of New York, have invented a new and improved Sash-Fastener for Car-Windows, of which the following is a specification.

In the accompanying drawings—

Figure 1 is a face view or elevation, showing the window-sash with attached fastener or lock, and also the outer window-frame.

Figure 2 is a vertical section on line *x x* of fig. 1.

Figure 3 is a perspective of sash-fastener, showing the interior of case holding the bolt, retracting-lever, &c.

The nature of this invention is such as to adapt the sash-lock more particularly to a car-window, which, by the vibratory motion of the car, often drops by reason of the gradual retraction of the bolt, where no spring or other device is employed to keep it forward, or, where a spring is employed, by a sudden shock which throws the bolt back.

To this end, a pawl is attached to the operating-lever in this invention, which, by engaging with a notch formed in the top of the lock-case, retains the bolt securely in its place when it is pushed forward.

In the drawings—

A is the lock-case, attached to the lower portion of the window-sash, as shown in fig. 1.

B is the bolt, which slides horizontally in a suitable recess formed in the lock-case. A portion of the bolt should be dovetailed, to correspond with the dovetailed form of the recess in which it slides, to prevent lateral movement.

C is a vertical recess cut in the lock-case to the rear

of the bolt, and into which the rear end of the bolt extends.

In the lower portion of said recess is arranged a spring, *d*, to force the bolt forward, the bolt having for the purpose a suitable projection or lug, *d'*.

D is a lever, hinged to the rear end of the bolt, and extending upward through the upper open end of the recess C, terminates with a properly-formed thumb-piece, by which it is operated. This lever works on a pin in the upper part of the lock-case, so that, by moving it, the bolt is thrown forward or retracted, as desired.

E is a pawl, pivoted to the upper part of the lever, and made to engage in a notch, *e*, formed in the top of the case. The bolt is moved forward by drawing the lever D back. The end of the pawl is then dropped into the notch, and the bolt held securely in position.

E' is a thumb-piece, by which to move the pawl.

To hold the forward end of the bolt, a number of holes, *f*, is made at different heights in the window-frame, as shown in fig. 2.

Having described my invention,

What I claim, is—

1. The pawl E, in combination with the lever D, bolt B, and case A, having the notch *e*, as and for the purpose set forth.

2. The arrangement and combination of the bolt B, lever D, spring *d*, and pawl E, with notched case A, as and for the purpose set forth.

Witnesses: JAMES WILKINSON.

JOSEPH WILKINSON,
JAMES DRUMMOND.