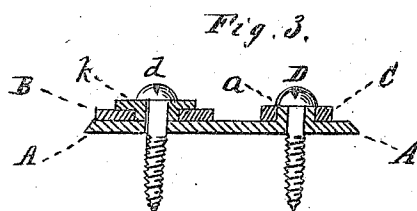
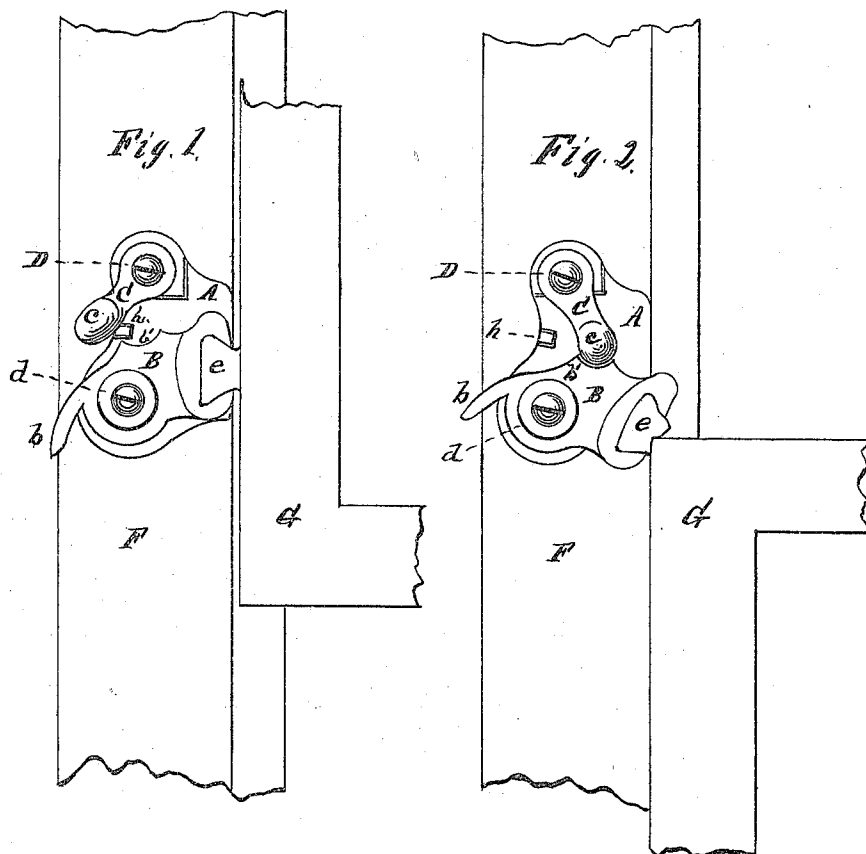


A. LIESCHE.
Sash-Holders.

No. 134,385.

Patented Dec. 31, 1872.



Witnesses:
L. Whentice
John James Dodge

Inventor:
Aug. Liesche

UNITED STATES PATENT OFFICE.

AUGUST LIESCHE, OF SYRACUSE, NEW YORK.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. 134,385, dated December 31, 1872.

To all whom it may concern:

Be it known that I, AUGUST LIESCHE, of Syracuse, in the county of Onondaga and State of New York, have invented an Improved Sash-Fastener, of which the following is a specification:

This invention relates to a cam-shaped holder that has a rubber face to make it bite when sustaining the sash in an elevated position, and so constructed and arranged as to be brought down over the upper corner of the sash when it is down or in the closed position, and locked in that position by a swinging pawl or brace, as hereinafter more fully described by reference to the drawing forming a part of this specification, in which—

Figure 1 shows the sash in the sustained position; Fig. 2, the same closed and the fastener in the locked position; and Fig. 3 is a sectional edge view, showing certain details of construction.

Similar letters of reference indicate like parts in the several figures.

F is the window-casing, and G the sash. A is the bed-plate of the fastener, B is the cam, and C the pawl. The cam is pivoted to the bed-plate by a screw, *d*, that passes through it into the casing. The rear side of the cam has a handle or projection, *b*, by which the cam is disengaged or raised, and a notch, *b'*, for the drop-pawl; and its engaging side is made with a recess for holding a rubber face, *e*. This rubber face causes the cam to retain its hold more securely, especially on sashes that are subject to jar, such as on rail-cars and omnibuses, the sashes of which are usually made of very hard wood, which is liable to

slip on a metallic face, and does not compress and mar a soft-wood sash so as to cause slipping after a time.

For locking the sash down the cam is brought down on the corner of the sash, as shown in Fig. 2, and locked by throwing the pawl C, by means of its handle *c*, over from the position shown in Fig. 1 to that shown in Fig. 2.

In order to screw the bed-plate firmly upon the window-casing without binding the cam and pawl in their movements, the bed-plate is made with a raised collar, *a*, Fig. 3, on which the head of the screw D rests, leaving the pawl C free to turn; and the cam B turns on a washer, *k*, that is made with a neck that passes through the cam and rests upon the bed-plate A, thus leaving the cam B free to turn until arrested by the stop-pin *h*, while the screw D holds the bed-plate firmly.

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

An improved sash-holder, consisting of the rubber-faced cam B *b c* turning on washer *k*, and the drop-pawl C having handle *c*, when arranged to engage with a notch, *b'*, in the top of the cam, in combination with the bed-plate A having raised collar *d* and stop-pin *h*, all as described and shown, for the purpose set forth.

The above specification of my invention signed by me this 25th day of October, 1872.

AUG. LIESCHE.

Witnesses:

WILLIAM LENK,
WM. JAMES DODGE.