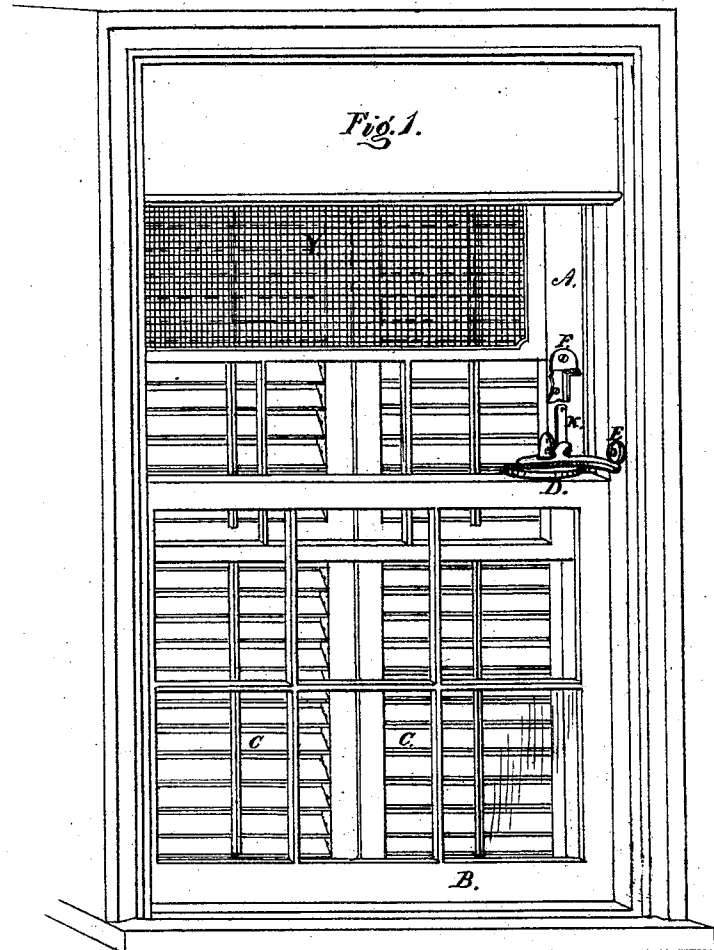
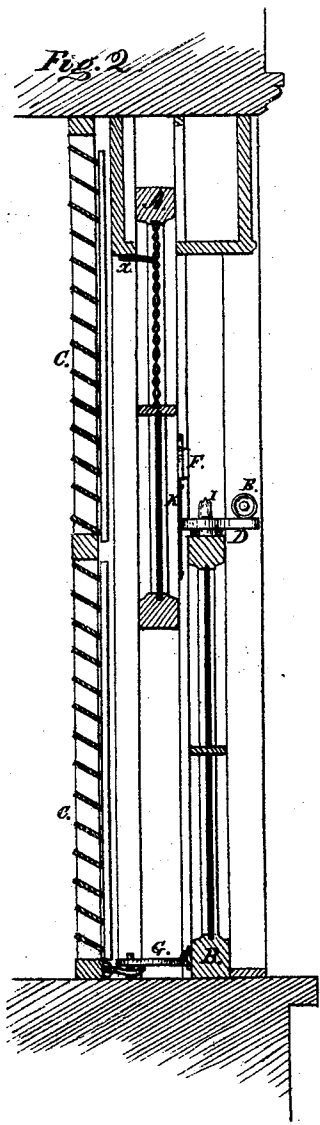


A. W. LOZIER.

Improvement in Window-Fastenings.

No. 128,406.

Patented June 25, 1872.



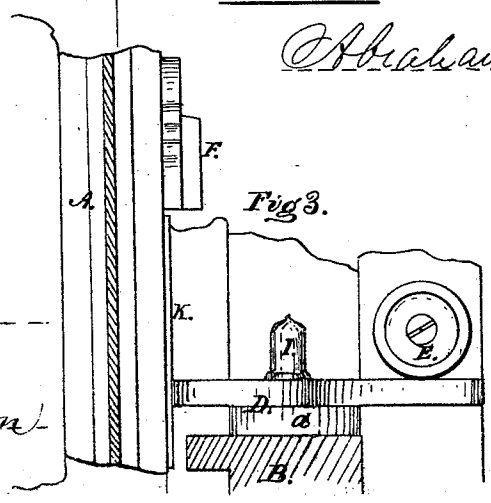
Inventor.

Abraham W. Lozier

Witnesses.

Edward C. Osborn

Edward N. Johnson

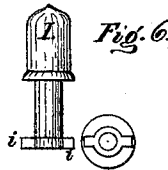
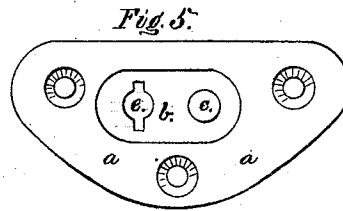
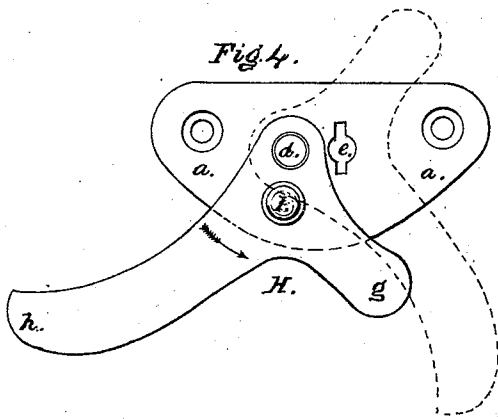


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Witnesses.

Edward C. Quinn

Edward W. Johnson

Inventor

Abraham W. Lozier

UNITED STATES PATENT OFFICE.

ABRAHAM W. LOZIER, OF YONKERS, NEW YORK.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. 128,406, dated June 25, 1872.

Specification describing certain Improvements in Window-Fastenings, invented by ABRAHAM W. LOZIER, of Yonkers, in the county of Westchester and State of New York.

My invention relates to fastenings for windows to prevent them being improperly opened from the outside; and consists in certain novel combinations and arrangements of parts, which have for their object to securely lock the upper and lower sashes in such manner that the upper sash may be lowered for purpose of ventilation, and yet the room cannot be entered from the outside through the window, as will be fully described hereafter.

Description of the Drawing.

Figure 1 is a perspective view of a window with my improvement attached thereto. Fig. 2 is a vertical section through the center of the same. Figs. 3 to 9, inclusive, show parts in detail.

General Description.

A and B represent the upper and lower sashes of a window, and C the outside blinds or shutters. D is the sash lock and holder, and E and F are stops secured to the window-casing and upper sash. G is the blind-locking device, secured upon the lower sash and operating to hold the blinds securely when the sash is closed, and prevent them being opened from the outside. The lock, shown in detail in Figs. 4, 5, and 6, is constructed in such form that it locks both the upper and lower sash so that they cannot be improperly opened by any person from the outside to effect an entrance into the room, and may operate to hold the upper sash in position for purposes of ventilation when it is not provided with cords and weights. The plate *a* of this lock has screw-holes for fastening it upon the sash, and is made with a panel or recess, *b*, in its under side, (to receive the bottom part of the locking-pin I,) through which the hole *c* for the spindle *d* and the mortised hole *e* for the locking-pin I are made. The lever H is connected

with the plate *a* by the spindle *d*, which passes through the hole *e*, and is riveted to hold the lever securely and yet allow it to turn freely upon it. The locking-pin I, upon the lever is provided with a bar, *i*, across its end, which will pass through the mortise in the hole *e* when the pin is properly turned, and allow the pin to be pressed down through the hole, so that when the lever is in proper position to permit this to be done it can be securely locked by pressing upon the head and giving it a slight rotation to throw the bar *i* of the pin across the hole. This will hold the lever in place beneath the stops E F, and prevent it being turned from the outside of the window. The lever H has two arms, *g h*, which extend from the plate *a* outward and beneath the stops E F, when the lever is locked in position. The arm *g* presses against the elastic surface K on the upper sash with sufficient force to hold this part of the window at any required point. This surface K is formed of a strip of rubber or other suitable substance, and is fastened upon the side of the sash or embedded in a recess in the wood in line with the arm of the lever, and is used when the sash is not balanced by means of cords and weights. The stop E upon the upper sash prevents the opening of the window far enough to admit any person into the room, and yet allows it to be lowered sufficiently for ventilation. The other arm *h* holds the lower sash down and locks it securely in this position.

Claim.

The combination of the plate *a*, lever H, locking-pin I, and stop F on the window-casing with the stop E upon the upper sash, and with or without the elastic strip K, constructed and operated substantially as and for the purpose set forth.

ABRAHAM W. LOZIER.

Witnesses:

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C. A. DURGIN.