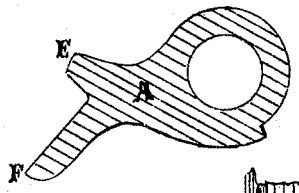
ASA H. ALLISON.

Improvement in Sash Holders.

No. 123,071. Patented Jan. 30, 1872.

FIG 4



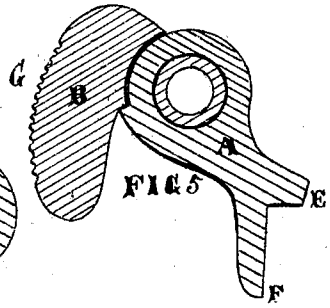
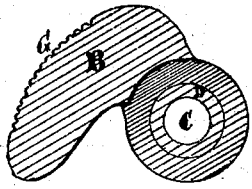


FIG 5

FIG 3



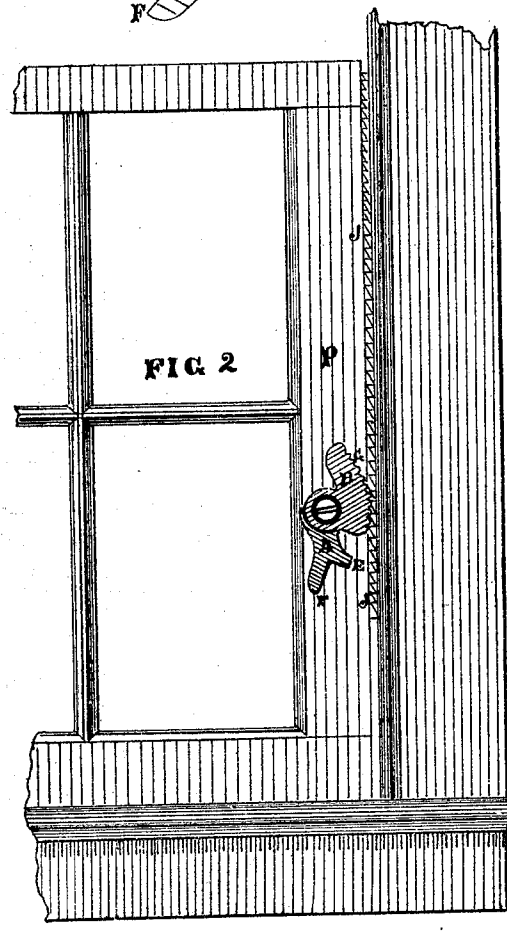


FIG 2

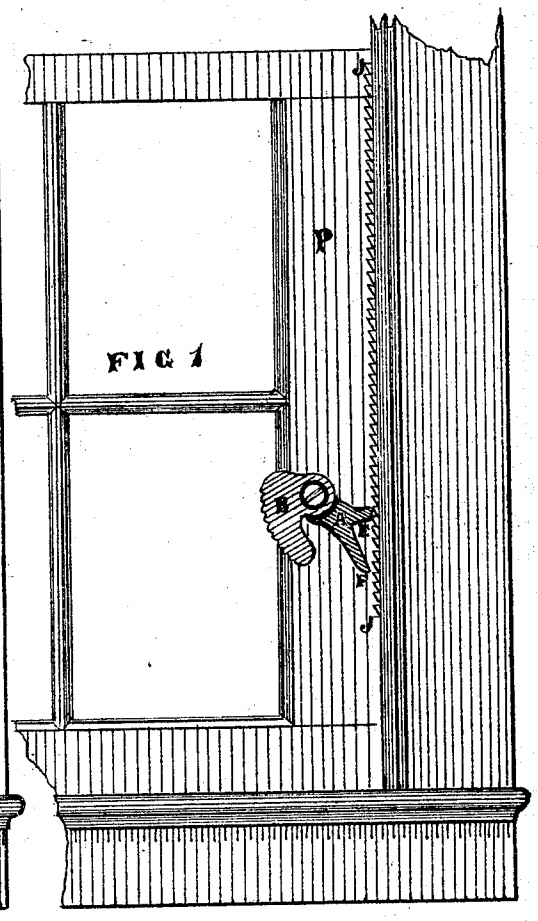


FIG 1

WITNESSES:

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L. Howard

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UNITED STATES PATENT OFFICE.

ASA H. ALLISON, OF CHARLOTTESVILLE, INDIANA.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. 123,071, dated January 30, 1872.

Specification describing certain Improvements in Window-Sash Locks and Catches, invented by ASA H. ALLISON, of Charlottesville, Hancock county, and State of Indiana.

My improvement consists in an attached lock and catch on a window-sash or casing, in such a manner that the window can be opened at any distance and secures itself automatically by means of a weight lever, in connection with the catch-pawl and stationary rack, and can be securely fastened when the window is closed.

Figure 1 represents a window with the fastener attached in position to hold the sash up when raised. Fig. 2 represents a window with fastener in position to hold it from being opened. Fig. 3 is the serrated weight, a part of the combined fastener. Fig. 4 is the pawl, a part of the combined fastener; and Fig. 5 is the fastener complete.

A is the pawl, and is provided with two points, E and F, at its extremity, for the purpose of engaging in the rack J J. B G is the serrated faced weight-lever that holds the pawl A F E against the rack J J, and when it is tipped over it forms an eccentric fastener, with the rack J J so that the sash cannot be raised. C is a hole through the joint of the pawl A F E and weight B G, for the purpose of allowing a screw to pass through and secure the fastener to the sash. P is the sash. J is a rack that is secured to the side of the casing.

The operation of my improvement is as follows: After the fastener has been attached, as in Fig. 1, to the sash, and the rack J to the casing, the sash can be raised to any desired height and left. The weight B overbalances A, and keeps the point E always against the rack, so that the sash cannot slip down. To let the sash down, raise the sash a little, and then tip the weight B G over against the casing, and the sash can be let down, and by pressing the weight B G against the rack J the sash becomes fast, and cannot be raised until the weight B is removed.

Claim.

I claim—

The serrated weighted lever B G, acting as a cam, and the catch-pawl A E F having two points or prongs, when both are hinged together and work on a single pivot, in combination with the stationary rack J J of a window-frame, all arranged and operating as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ASA H. ALLISON.

Witnesses:
S. C. FRINK,
E. O. FRINK.