

J. C. Hanna.

Sash-Fastener.

No. 121,098.

Patented Nov. 21, 1871.

Fig 1.

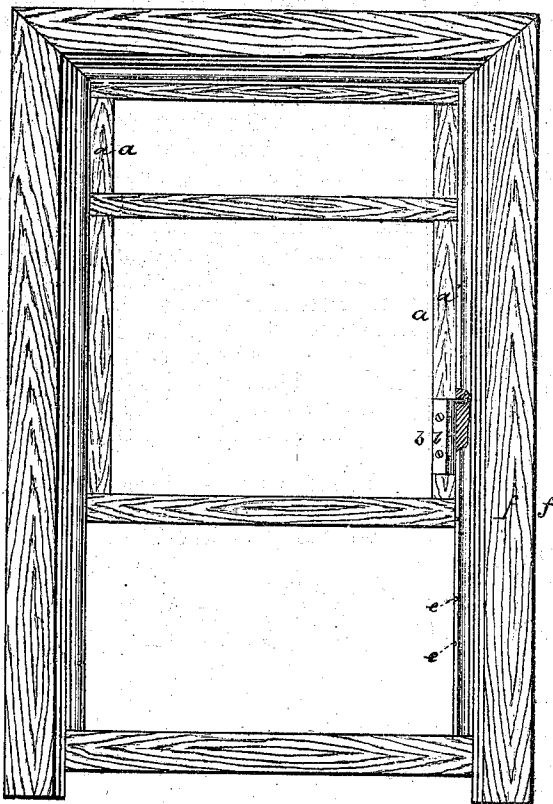


Fig 2.

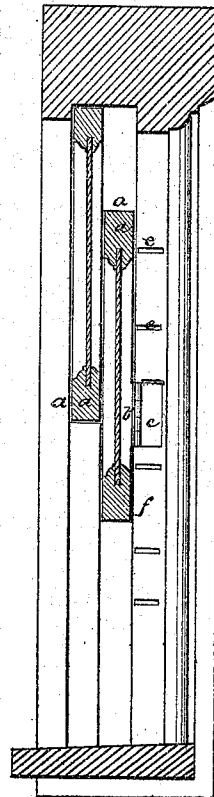
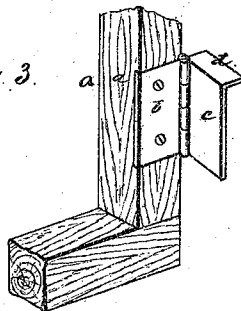


Fig 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN C. HANNA, OF ROSSVILLE, ASSIGNOR TO C. W. HARVEY, OF TAMA COUNTY, IOWA.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. 121,098, dated November 21, 1871.

To all whom it may concern:

Be it known that I, JOHN C. HANNA, of Ross-ville, in the county of Allamakee and State of Iowa, have invented a new and Improved Sash-Fastener; and I do hereby declare the following to be 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 is a side elevation. Fig. 2 is a transverse vertical section, and Fig. 3 is a perspective view of the hinged fastener.

This invention consists of a device formed of two plates jointed together like a butt-hinge, one of which plates is to be let into the side of a window-sash, the hinge being placed next to the casing; the other plate being free and provided with a right-angle flange at its upper or lower end, which flange, when the free plate is turned back against the casing, enters one of several slots cut in the latter for the reception of the flange, and thus fastens the window.

Referring to the drawing, *a* is a window-sash; *b*, the metal plate let into the side of the same, and there secured. *c* is the other leaf hinged to the inner edge of the plate *b*. *d* is the right-

angle flange of the plate *c*. *f* is the window-casing; *e*, the slots in the same, placed in a vertical series, for the reception of the flange *d* when the plate *c* is turned back against the casing.

In this device there are no springs to get out of order, and the operation of locking the sash is as simple as the mere turning back of the plate *c*. At the same time the plate, when turned back by means of its flange, locks the window most securely. On turning the plate *c* forward the sash is unlocked, and, as the plate *c* remains just where it is left, both hands may be employed in raising the window to the desired height. When this has been reached the sash is fastened by turning the plate backward again.

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

The plate *c*, when hinged to the plate *b*, and provided with the flange *d*, or their equivalents, substantially as described.

JOHN C. HANNA.

Witnesses:

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