

J. H. Luey,
Shutter Fastener.
No. 109,329. *Patented Nov. 15, 1870.*

Fig. 1.

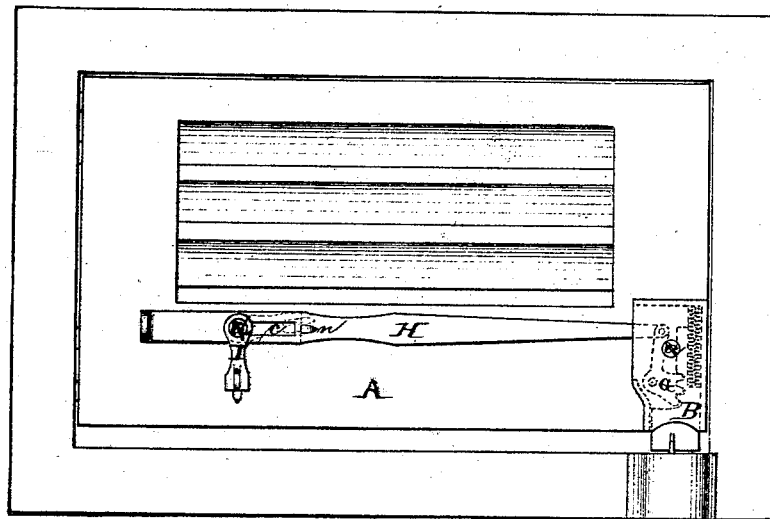


Fig. 3.

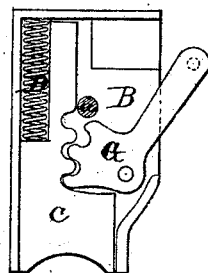


Fig. 4.

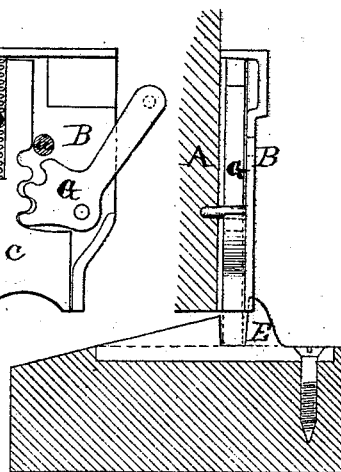
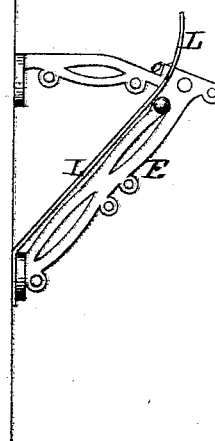


Fig. 2.



Witnesses
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IRA O. LUEY, OF BERNARDSTON, MASSACHUSETTS.

Letters Patent No. 109,329, dated November 15, 1870.

IMPROVEMENT IN SHUTTER-FASTENERS.

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

To all whom it may concern:

Be it known that I, IRA O. LUCY, of the town of Bernardston, county of Franklin and State of Massachusetts, have invented certain new and useful Improvements in Blind-Fasteners; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of my invention consists in the construction of a blind-fastener, which is composed of a spring catch, a notched lever for operating it, and a bar and latch for locking the catch so as to hold it securely in place when either open or shut; and

It also consists in the combination of certain other devices with a spring, for preventing the blind from sagging back and forth when open, as will hereafter be more fully set forth and described.

Figure 1 is a side elevation of a blind or shutter, to which my improvement is attached;

Figure 2 is a similar view of the spring for preventing the shutter from sagging;

Figure 3 is a side elevation of the spring catch for holding the shutter; and

Figure 4 is an edge view of the same.

A represents a common blind or shutter, having a small metal frame, B, attached to its lower corner.

Within this frame is placed a spring catch, C, which is always kept pressed downward by means of a spring, D, so that it will hold the shutter either open or shut on the catches E and F, and which is guided in its upward and downward movements by a screw or bolt, a.

In the side of this catch O there is a number of cogs formed, within which the cogs of the pivoted lever G mesh, so as to raise the catch up over the stops E and F.

Pivoted to the end of the lever G is a long bar, H, by means of which the catch G is operated.

Near the outer end of this bar there is a slot, c, formed, through which passes the screw or bolt d, and which acts both as a guide and a support for the bar.

Pivoted to the screw d is a stop, I, which swings around, as shown by the dotted lines, so that the shoulder, formed on its end, will rest upon and against the projection n, formed on the face of the bar H. As soon as this stop is brought to bear against the projection n it acts as a lock, so as to prevent the bar from moving back and forth, and, through the bar, locks the catch C, so that it can be moved neither up nor down.

Secured to the side of the house is a stop, F, which not only serves to hold the shutter back when open, but also serves as a support to it.

Secured to this stop is a spring, L, which keeps the catch C pressed forward against the shoulder o, so as to prevent the shutter from sagging back and forth in the wind.

As the bar H extends nearly across the shutter, the catch can be raised from the stop, when open, so as to close it, without reaching as far out as with the ones now in use.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination of the catch C, spring D, lever G, and slotted operating-bar H, extending toward the inner edge of the shutter, all as and for the purpose set forth.

2. The slotted operating-bar H, with its projection n, combined with the fastening-button I and guide-pin d, all arranged as set forth.

3. The combination of the rigid stop L with beveled notch O, the spring L, and the spring catch C, working in the blind, all as and for the purpose set forth.

IRA O. LUEY.

Witnesses:

WM. H. ALLEN,
JOHN W. THOMPSON.