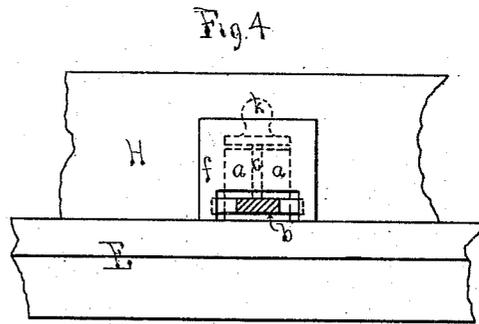
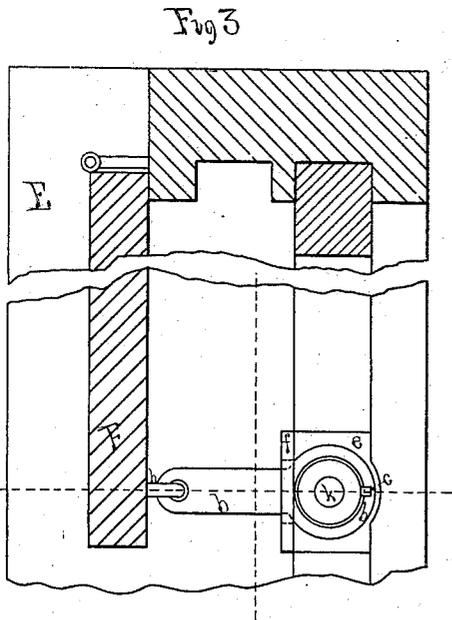
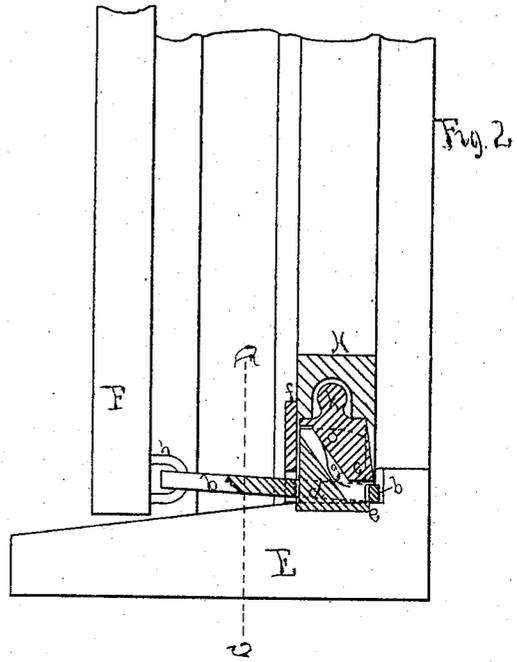
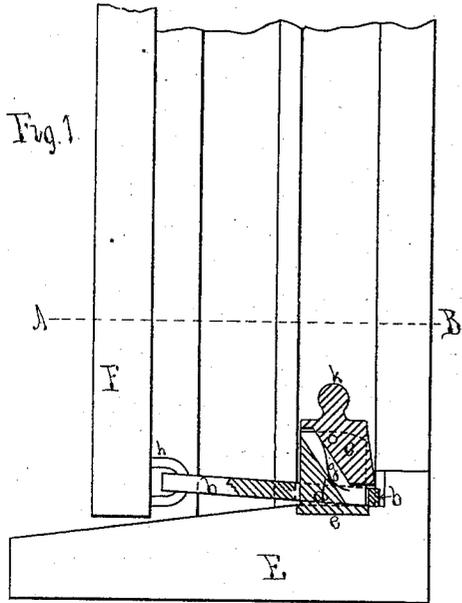


S. C. TUCKERMAN.
SHUTTER-FASTENER.

No. 170,210.

Patented Nov. 23, 1875.



Witnesses
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UNITED STATES PATENT OFFICE.

SAMUEL C. TUCKERMAN, OF CAMBRIDGE, MASSACHUSETTS.

IMPROVEMENT IN SHUTTER-FASTENERS.

Specification forming part of Letters Patent No. 170,210, dated November 23, 1875; application filed October 16, 1875.

To all whom it may concern:

Be it known that I, SAMUEL C. TUCKERMAN, of Cambridge, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Blind-Fastenings, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figures 1 and 2 are each a sectional elevation through the center of the fastener, the first with the window-sash raised, and the latter with the sash or its bottom rail closed down upon the fastening-pin. Fig. 3 is a longitudinal section on the line A B of Fig. 1. Fig. 4 is a vertical section on the line C D of Fig. 2, showing a portion of the bottom rail of the sash, and the notched plate which covers the hasp.

This invention relates to the fastenings for window shutters or blinds which are hung to the outside of the building and operate only at the inside of the window, the object being to so fasten the blind or shutter that it cannot be opened from the outside, whether the window-sash is raised or closed down and fastened.

This invention consists, first, of the locking-pin *a*, secured to and rising above the window-sill *E*, in combination with a hasp, *b*, loosely secured to the blind or shutter *F*, the pin being constructed with a catch, *c*, pivoted to the slotted pin, and actuated by a spring, *g*, between the rear edge of the catch and the back *d* of the slot in the pin, and the hasp having an open end sufficient to pass freely down over the pin and the catch, the latter being forced back by the hasp as it passes down over it, and the lower end of the catch is then pressed out by the spring over the end of the hasp, thus locking the latter, and rendering it difficult or impossible to be released from the outside of the window.

Second, this invention consists in the pin-covering mortise in the lower edge of the sash-

rail *H*, and the notched plate *f* on the outside of the rail, in combination with the hasp and the catch-furnished pin. The slotted plate, or the two parts of the latter at each side of the slot, pass down on opposite sides of the hasp and onto the top of the latter, and prevent it being moved, so that when the sash is closed down upon the pin and the locked hasp, the hasp cannot be released to open the blind without first raising the sash.

The pin *a* has a plate, *e*, by which to fasten it to the sill *E* of the window. The hasp *b* is generally hung to the blind or shutter by a staple, *h*, entering the substance of the shutter, or the bottom rail of the blind. For convenience of operating, the catch *c* has a small knob, *k*, cast or secured to its upper end, and by pressing forward on the knob the catch is released from the hasp, which is then easily thrown off from the pin, and the blind or shutter thrown open.

It will be obvious that, when the mortise in the sash covers the pin and the notched plate secures the hasp, if the pin was plain or without the catch, the hasp and the blind or shutter would be well secured, and could not be opened from the outside.

I claim as my invention—

1. The slotted locking-pin *a*, constructed, as described, with the pivoted and spring-actuated catch *c*, and rising from the sill *E*, in combination with and locking the hasp *b*, substantially as described.

2. The pin-covering mortise in the lower edge of the sash-rail *H* and the notched plate *f*, in combination with the catch-furnished slotted locking-pin *a*, constructed as described, and rising from the window-sill, the mortise and plate covering the pin, and the plate confining the hasp, substantially as described.

SAMUEL C. TUCKERMAN.

Witnesses:

JOHN E. CRANE,
WM. S. BROWN.