

F. P. RAND.
SHUTTER FASTENERS.

No. 184,726.

Patented Nov. 28, 1876.

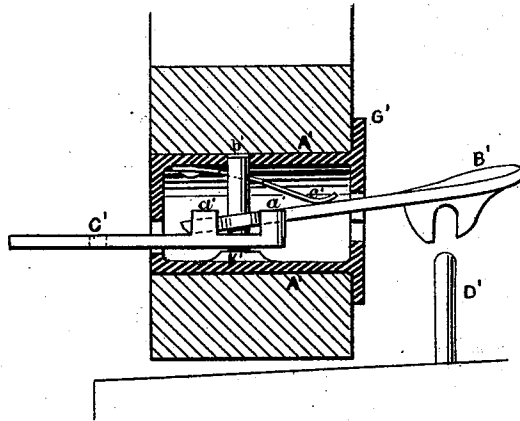


FIG. 1

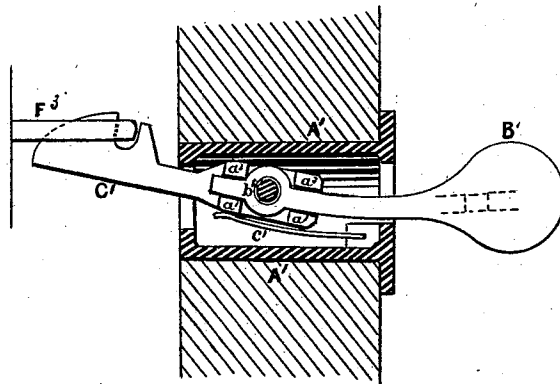


FIG. 2

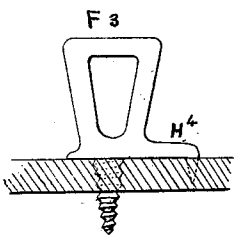


FIG. 4

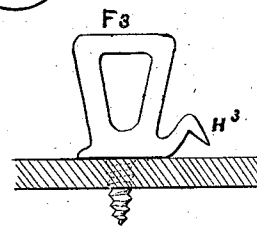


FIG. 3

Witnesses.

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UNITED STATES PATENT OFFICE

FRANKLIN P. RAND, OF PAWTUCKET, ASSIGNOR OF ONE-HALF HIS RIGHT
TO ADDISON RHODES, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN SHUTTER-FASTENINGS.

Specification forming part of Letters Patent No. 184,726, dated November 28, 1876; application filed
October 5, 1876.

To all whom it may concern:

Be it known that I, FRANKLIN P. RAND, of Pawtucket, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in Self-Locking Blind-Catch, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of my invention is to prevent window-blinds from being opened from the outside. It relates to a self-acting blind-lock and blind-catch combined, which, when applied to a blind, cannot be unlocked from the outside, but may be locked from the outside or inside of a window.

The novelty of my invention consists in connecting the bars of the lock and catch in a vertical hinge-joint, and the catches take over a nail or projection on the fastening, which is secured to the building, and which nail or projection, when the fastening has been screwed into the building, may be driven and will prevent the fastening from turning.

Figure 1 is a side elevation, and Fig. 2 an inverted vertical section, of my invention. Figs. 3 and 4 are views of fastening with projections or nails to prevent from turning.

Fig. 1: A' A' is a barrel with flange G'. This barrel is cast in two parts and inserted in the blind. B' is a latch, which operates vertically by means of a pivotal joint, K'. C' is a catch, which operates horizontally but not

perpendicularly. D' is a catch, secured to the sill of the window-frame. a' a' are projections cast on catch C'. b' is a pin. c' is a spring. F³ is a catch, secured to the building.

Figs. 3 and 4: H³, nail or projection bent up, to permit the screw to be turned into the building; H⁴, nail or projection driven into the building.

Operation: The self-acting blind-lock and blind-catch being constructed with vertical and horizontal hinge, as herein shown and described, and secured to a blind, as also shown, its operation may be noted. When the blind is closed, B' is held down on D' by spring c', and is free to reciprocate horizontally over and on D' with C', but cannot be unlocked from the outside, as C' has no vertical or perpendicular motion.

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

The self-acting blind lock and catch, with barrel A' A' and flange G', latch B', and hinge K', permitting vertical movement to said latch B', and lateral movement to the latch C', with projections a' a', all constructed, combined, and operating as set forth and described, for the purpose specified.

FRANKLIN P. RAND.

Witnesses:

W. W. BLODGETT,
GEORGE E. CLINTON.