

F. Raymond,

Shutter Fastener.

Patented Oct. 29, 1867.

N^o 70,262.

Fig. 1.

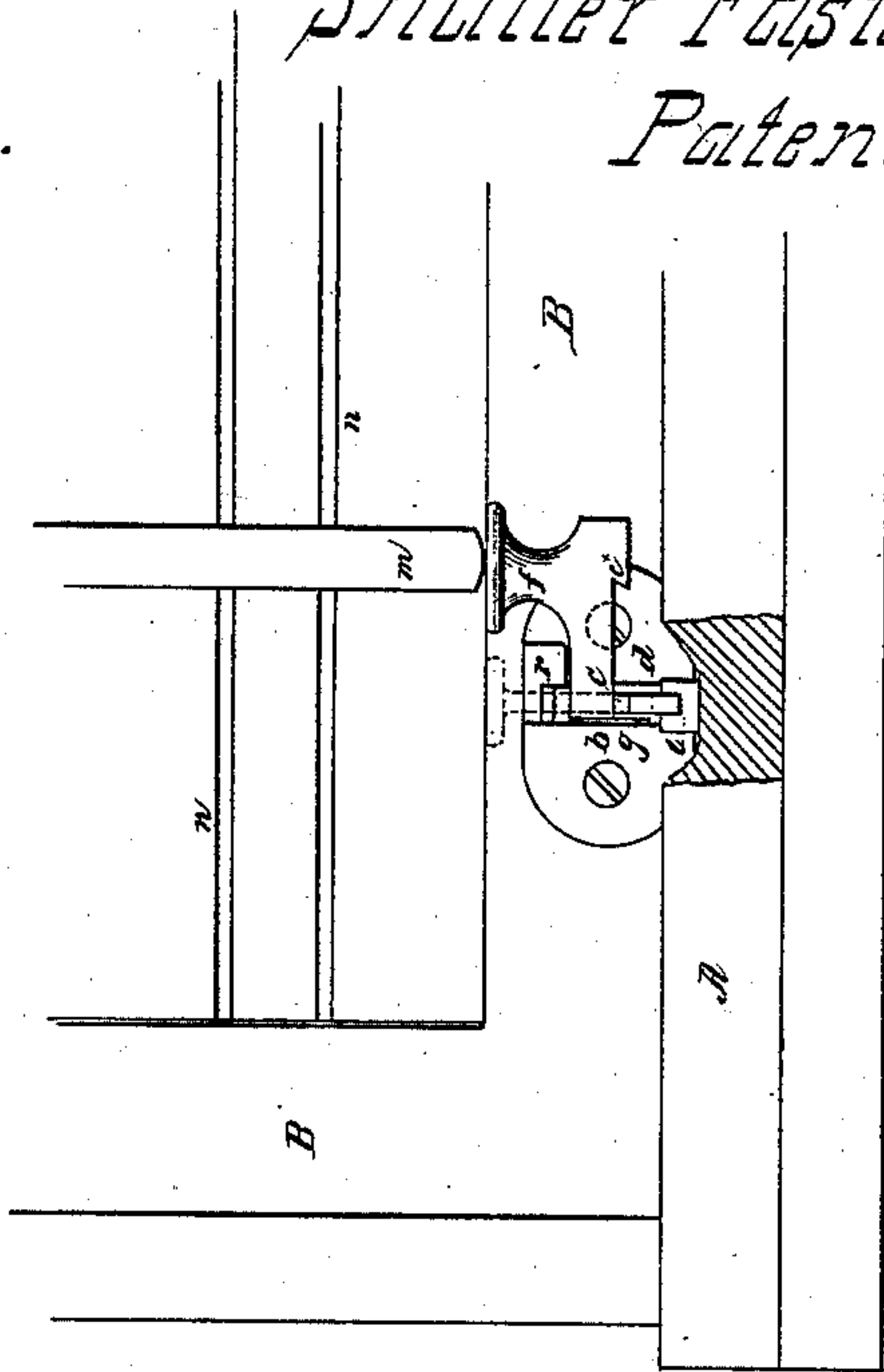


Fig. 2.

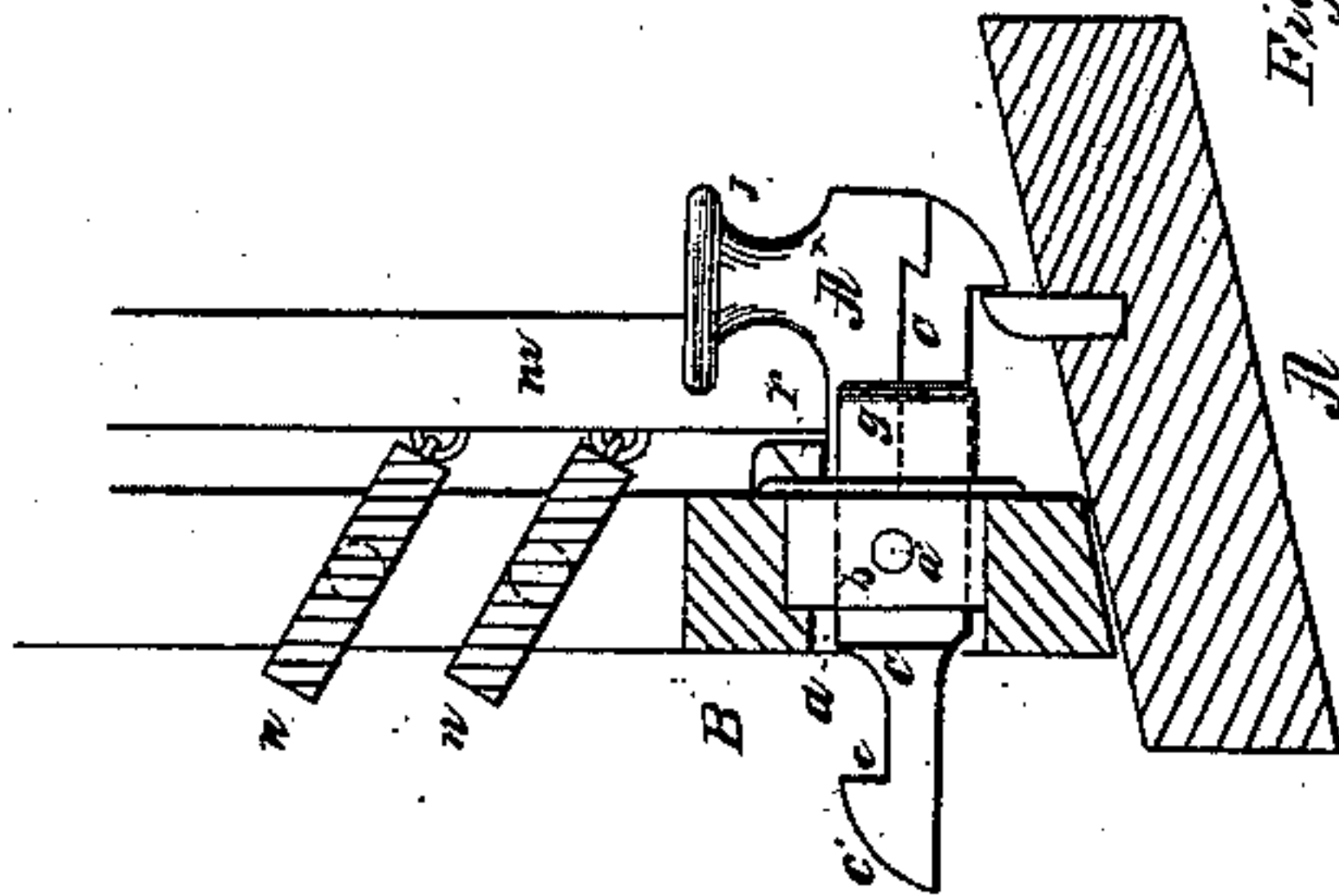


Fig. 4.

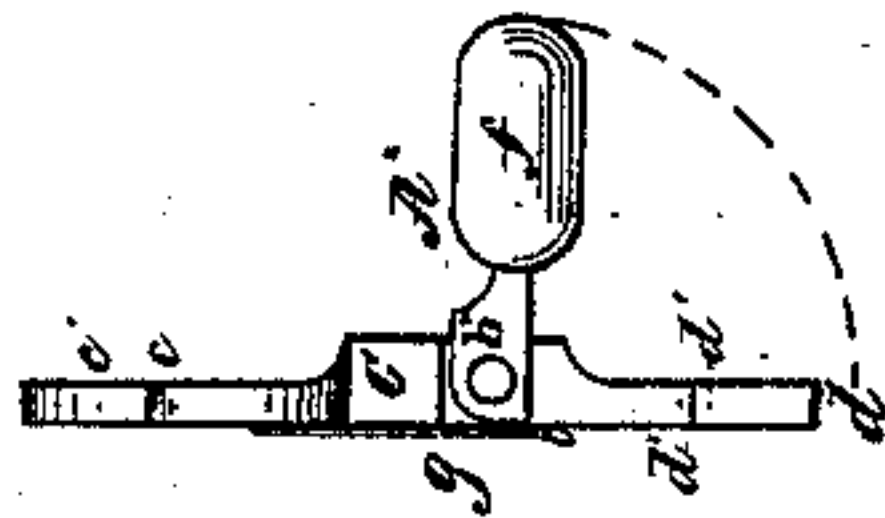
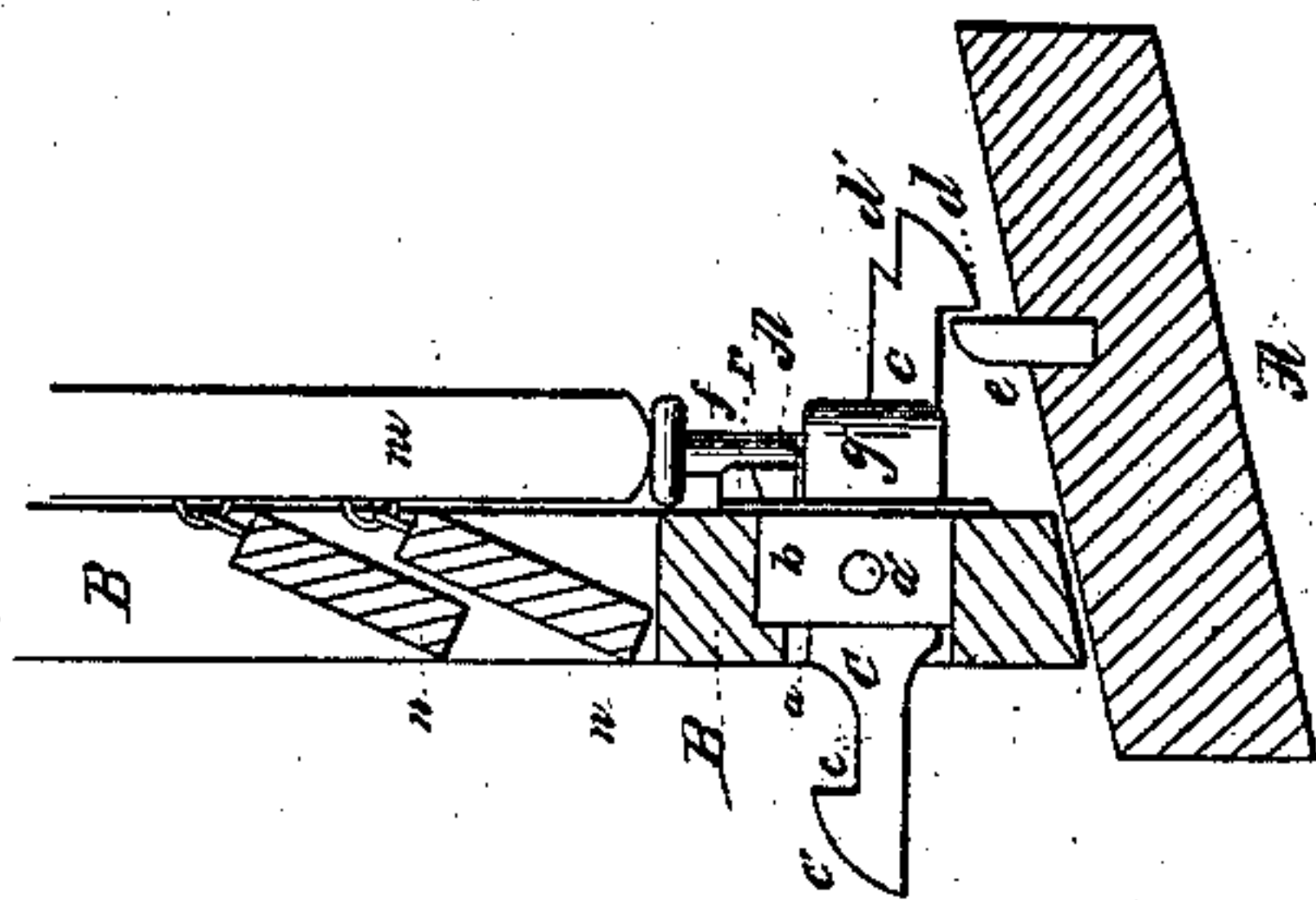


Fig. 3.



Witnesses:

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FRANÇOIS RAYMOND, OF WOODHAVEN, NEW YORK.

Letters Patent No. 70,262, dated October 29, 1867.

IMPROVED SHUTTER-CATCHES.

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, FRANÇOIS RAYMOND, of Woodhaven, in the county of Queens, and State of New York, have invented certain new and useful Improvements in Shutter-Catches; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a portion of this specification, in which—

Figure 1 is a front view of a shutter-catch constructed according to my invention, showing the same as applied to the shutter.

Figure 2 is a vertical transverse sectional view, showing the invention as used simply as an ordinary catch.

Figure 3 is a similar sectional view, showing the invention as employed to securely lock the shutter to close the window, and to fasten the slats of such shutter in a closed position.

Figure 4 is a detached plan view of the catch alone.

Similar letters of reference indicate corresponding parts in all the figures.

The object of this invention is to provide a shutter-fastening which may not only be used as an ordinary catch, but may also be employed, when desired, to securely lock the shutter in a closed position, and to hold closed the slats of the same, thus effectually preventing the shutter from being opened from the outside.

The invention consists in a laterally-moving bar pivoted to the catch, and so combined with a stud fixed upon the shutter, that when turned laterally underneath the same, the said stud will rigidly hold the catch in position to lock fast the shutter. The invention further consists in so arranging the aforesaid pivoted bar that when turned laterally, as just mentioned, it will be brought underneath the rod which operates the slats of the shutter in such manner as to prevent the downward movement of the rod, thus effectually fastening the slats in a closed condition.

To enable others to understand the construction and operation of my invention, I will proceed to describe it with reference to the drawings.

A represents the window-sill and B the shutter. Formed in the lower end of the latter, a little distance from the centre thereof, is a rectangular slot or hole, *a*, into which is fitted a small metallic frame, *b*. The catch C is pivoted in the frame by a transverse pin, *a'*, and is furnished at the upper side of its outer end with a hook, *c*, the outer extremity of which is inclined, as shown at *c'*. The inner end of the aforesaid catch is formed with a similar hook, *d*, at its under side, which, when the shutter is closed, catches over or upon a stud, *e*, attached to the inner window-sill, as shown in figs. 1, 2, and 3; the outermost hook *c*, when the shutter is thrown open, catching in like manner upon a suitable staple or hook provided in the wall in which the window is situated, to hold the said shutter open. Formed in the upper side of the inner extremity of the catch C is a recess, *d'*, at the innermost end of which is an angular shoulder, *a**. A* indicates a bar, which is pivoted at its innermost end to the catch C by a vertical pin, *b**, and is provided near its opposite extremity with an angular lip, *c**, which, when the said bar is parallel with the catch, fits under the angular shoulder *a** in such manner as to prevent the bar A* from being forced upward and straining its pin or pivot, *b**. The aforesaid bar is furnished with a knob, *f*, which serves as a handle, whereby the same may be turned into a position parallel with the catch, as shown in fig. 2, or at right angles thereto, as represented in fig. 4, the bar being retained in either position by a flat spring, *g*, attached to one side of the catch, and pressing against the flat surface of the side or the end of the bar A, according to the position of the said bar. The catch is pivoted at such a distance from the centre of the shutter that when the bar A is turned at right angles to the catch C, the knob *f* thereof will be brought under the rod *m*, which operates the slats *n* of the shutter B; and a stud, *r*, fixed upon the lower part of the shutter, formed preferably upon the front surface of the frame *b*, is in such position that the bar A, when brought into the position just described, will be situated immediately underneath the said stud *r*. When the shutter is closed and the bar A is situated parallel with the catch C, the said catch simply holds upon the stud *e* of the window-sill, after the manner of an ordinary catch, and may be readily detached therefrom to open the shutter by slightly letting upward its inner end, but by turning the bar A* at right angles to the catch, and underneath the stud *r*, as hereinbefore set forth, the said stud *r* holds down the bar A, and consequently the inner end of the catch C, and prevents the latter from being disengaged from the stud *e*, thus effectually locking the shutter in a closed position, at the same time that the knob *f* of the bar A*, being

situated under the lower extremity of the rod *m* of the shutter, prevents the downward movement of such rod, and effectually keeps the slats *n* from being turned or opened.

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

1. The pivoted laterally-moving bar *A**, in combination with the catch *C* and fixed stud *r* on the shutter, substantially as and for the purpose specified.

2. The arrangement of the pivoted bar *A** of the catch, with reference to the rod *m* of the shutter, substantially as and for the purpose specified.

FRANÇOIS RAYMOND.

Witnesses:

J. W. COOMBS,

G. W. REED.