

(Model.)

W. H. BAYLES.

FASTENER FOR THE MEETING RAILS OF SASHES.

No. 285,211.

Patented Sept. 18, 1883.

Fig: 1.

Fig: 2.

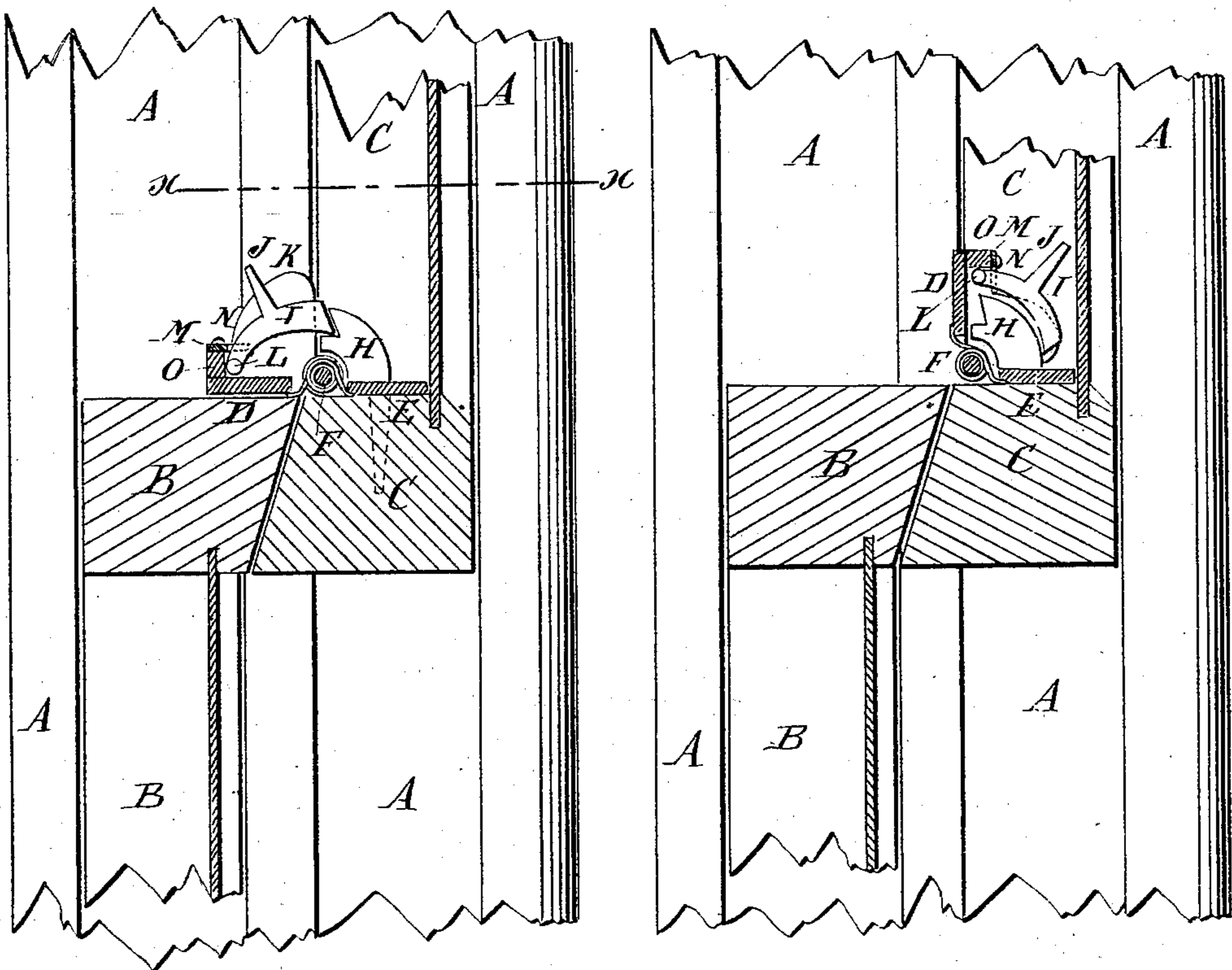


Fig: 3.

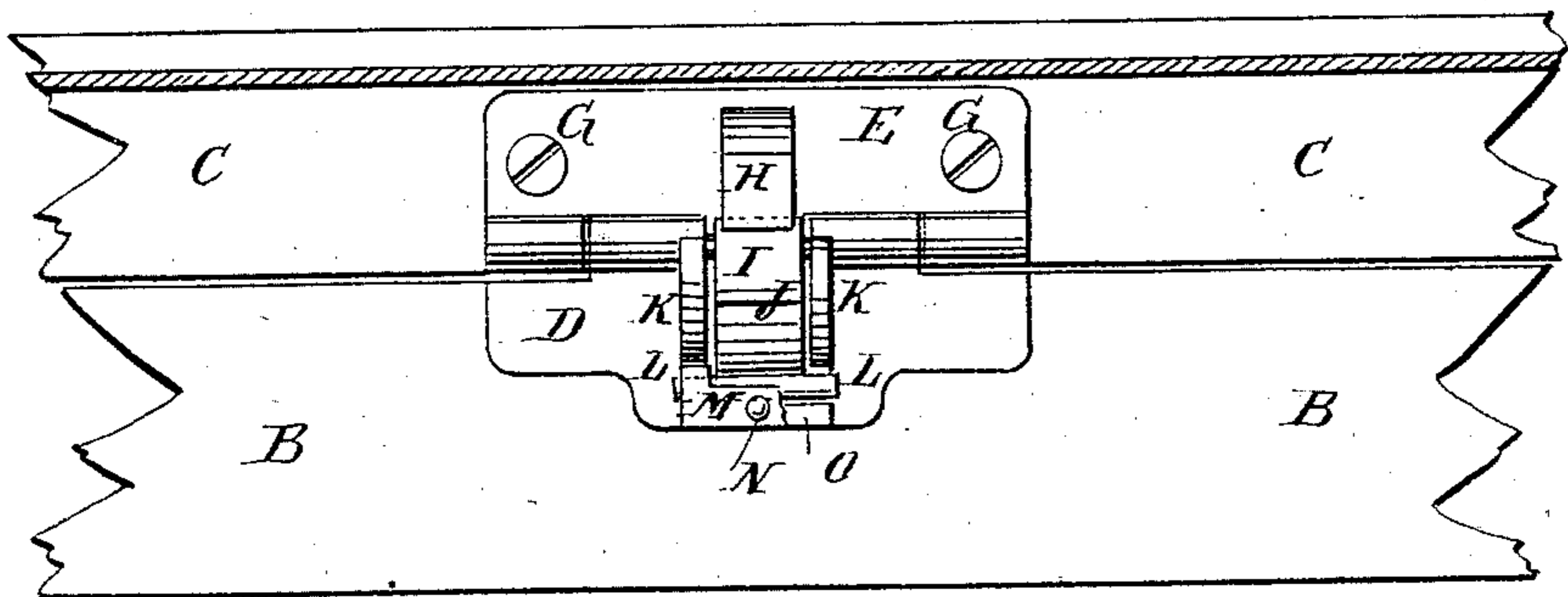
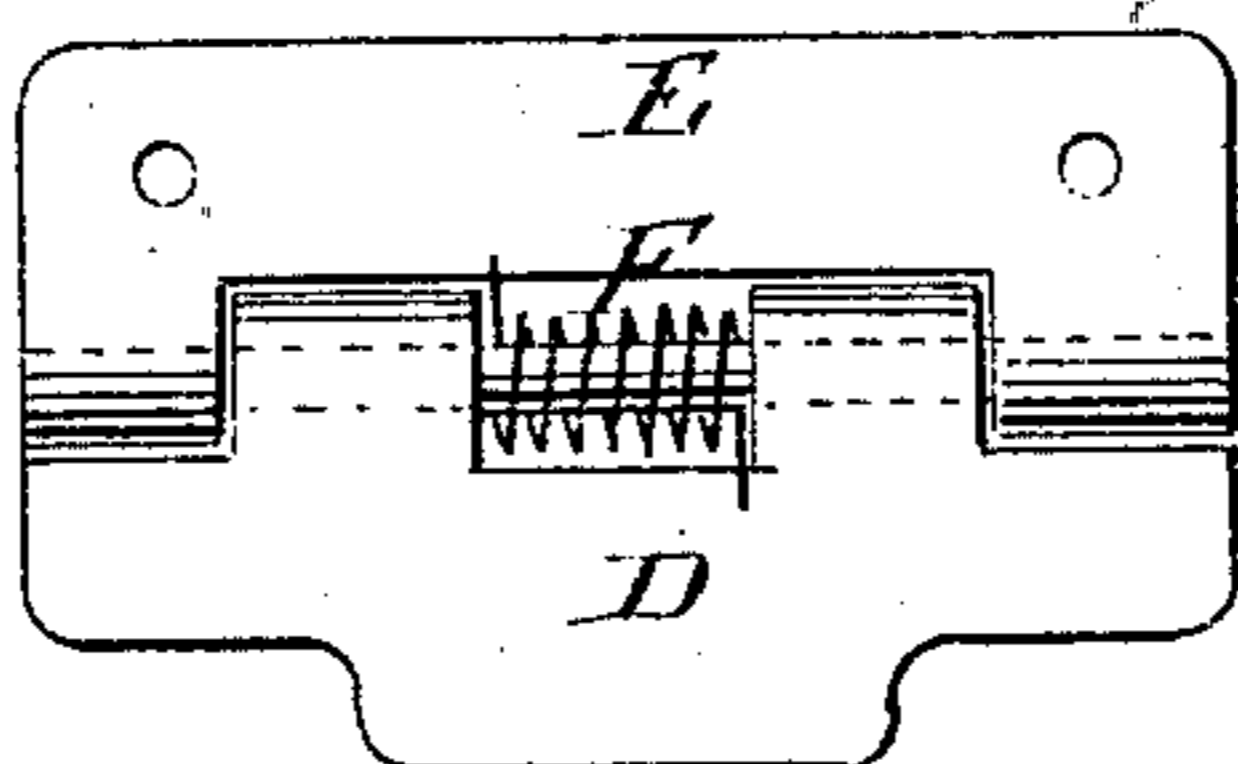


Fig: 4.

WITNESSES:

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WILLIAM H. BAYLES, OF MONTCLAIR, NEW JERSEY.

FASTENER FOR THE MEETING-RAILS OF SASHES.

SPECIFICATION forming part of Letters Patent No. 285,211, dated September 18, 1883.

Application filed April 19, 1883. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM HARRISON BAYLES, of Montclair, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Window-Sash Fastenings, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional side elevation of my improvement shown as applied to a window and fastened. Fig. 2 is the same section as Fig. 1, but showing the improvement unfastened. Fig. 3 is a plan view of the same, the window being shown in section through the line *x x*, Fig. 1. Fig. 4 is an under side view of the same.

The object of this invention is to provide convenient and reliable means for fastening window-sashes.

The invention consists in a window-sash fastening constructed with two plates hinged to each other and provided with an interposed spring, and having a catch attached to one plate, and a latch hinged to the other plate, whereby the latch-plate will swing up when the latch is raised, and will be fastened automatically when swung down, as will be hereinafter fully described.

A represents the casing, B the lower sash, and C the upper sash, of a window.

D E are two plates, which are hinged to each other at their adjacent edges, and have a coiled-wire spring, F, placed upon the pintle of the hinge, between the eyes of the said plates, and connected with the said plates, so as to turn the plate D, when left free, upward into a position at right angles with the plate E. In the end parts of the plate E are formed holes to receive the screws G, by means of which the fastening is secured to the bottom rail of the upper sash.

To the middle part of the plate E is attached a projection, H, the forward end of which is recessed to receive the forward end of the latch I, which is hinged to the middle part of the plate D. The latch I is made of such a

length that its forward end, when the plates D E are in the same plane, will enter the recess in the catch H, and thus prevent the plate D from being turned up and the sashes from being moved.

Upon the upper side of the latch I is formed a thumb-piece, J, for convenience in turning back the said latch to disengage it from the catch H and allow the window-sashes to be moved. With this construction, when the latch I is raised from the catch H, the tension of the spring F will turn the plate D into a vertical position, and when the plate D is turned into a horizontal position the latch I will drop into the recess of the catch H and fasten the sashes automatically.

Upon the plate D, at the opposite sides of the latch I, are formed lugs K, to keep the latch I in place, and which may also serve as parts of hinges for connecting the said latch with the said plate. In this case notches are formed in the rear edges of the lugs K, to receive pivots L, formed upon the opposite sides of the rear end of the latch I, and which are secured in place in the said notches by a small plate, M, secured by a screw or rivet, N, to the plate D, or to a projection, O, formed upon the said plate, as shown in Figs. 1, 2, and 3.

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

1. An improved sash-fastener, consisting of two hinged and spring-pressed plates, one provided with a catch and the other a latch, the said plates being held in the same plane against the tension of the spring by the engagement of the latch with the catch, substantially as herein shown and described.

2. In a window-sash fastener, the combination, with the part E, provided with the recessed projection H, of the part D, hinged thereto, the coiled spring F, upon the pintle of the hinge, and the latch I, provided with the thumb-piece J and hinged to the part D, substantially as herein shown and described.

WM. HARRISON BAYLES.

Witnesses:

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