

W. MILLER.

Improvement in Locks for Meeting-Rails of Sashes.

No. 115,341.

Patented May 30, 1871.

Fig. 1.

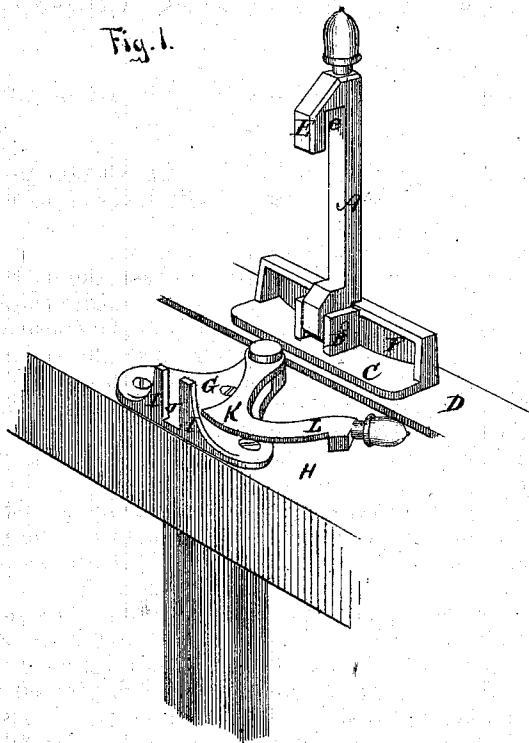
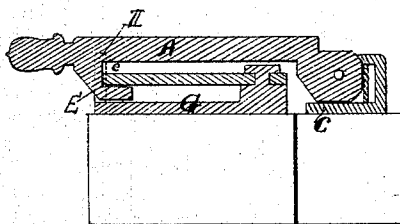


Fig. 2.



Witnesses.

Chas. Moore
J. P. Hayden

Inventor.

William Miller
by Canoll D. Wright & Brown
Attys.

UNITED STATES PATENT OFFICE.

WILLIAM MILLER, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN LOCKS FOR MEETING-RAILS OF SASHES.

Specification forming part of Letters Patent No. 115,341, dated May 30, 1871.

I, WILLIAM MILLER, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Sash-Locks, of which the following is a specification: Figure 1, perspective view. Fig. 2, sectional elevation.

The object of this invention is to produce a window-sash lock which will not only effect the object indicated in its title, but will also bind the sashes tightly together when locked, and prevent the same from rattling; and it consists of a pivoted bar on the outer sash, which engages with a slotted ear on the inner sash, and is bound by a pivoted lever on the latter sash, in such manner as to draw both sashes tightly together, as will hereinafter more fully appear.

In the drawing, A represents a bar or lever pivoted to lugs B of plate C, which latter is attached to the upper sash D. The bar A is provided at its outer end with a lug, E, which projects from the same, leaving a slot, *e*, between itself and bar A. F represents a spring located in a casing, G, which forms a part of plate C. Said spring bears against the lower end of bar F, which end has beveled corners, as shown, and holds the bar in an elevated or depressed position, as shown. G represents a plate located on the lower sash H, which plate is provided with vertical lugs or ears I, between which is a vertical slot, J. K represents a lever pivoted to the back part of plate G, which lever is provided with a curved handle, L, and swings freely over said plate behind lugs I, its motion being circumscribed by a pin under the under side thereof, which en-

gages with the projection of plate G on which said lever is pivoted.

Operation.

When the parts are not locked the bar A is in a vertical position, as shown in Fig. 1, being held in this position by the spring which bears against the back of said bar. To lock the sashes the bar A is brought down into the position shown in Fig. 2, when its outer end rests in the slot J, between lugs I I. The lever K is then swung around into the slot *e* in the end of bar A, and the curved edge of handle L, bearing against the head of said slot, draws the bar A with the sash D inward, thereby closely binding both sashes together, as shown in Fig. 2.

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

1. The pivoted lever A, provided with slot *e*, and held in position by spring F, substantially as described.
2. The plate G, provided with lugs I I and slot J, and pivoted lever K, said lever having curved handle L, substantially as described.
3. The pivoted lever A, in combination with the pivoted lever K and lugs I I, as and for the purposes set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM MILLER.

Witnesses:

CARROLL D. WRIGHT,
EDWARD A. HAENDEN.