H. L. CLARK & A. B. SMITH.

FASTENERS FOR THE MEETING-RAILS OF SASHES.

No. 194,804. Patented Sept. 4, 1877.

Fig: 1.

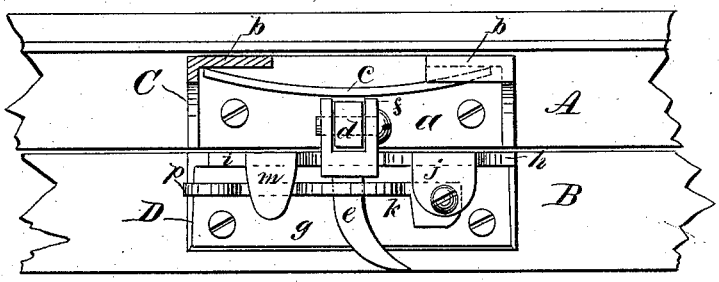


Fig: 2.

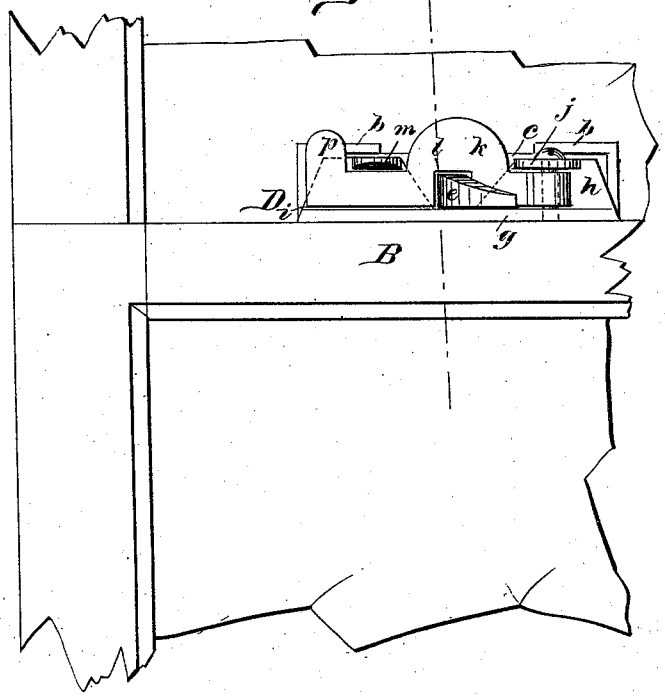
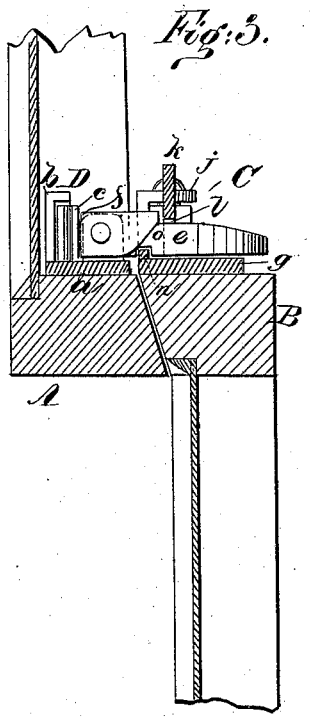


Fig: 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HENRY L. CLARK AND AUGUSTUS B. SMITH, OF CHESTER, NEW YORK.

IMPROVEMENT IN FASTENERS FOR THE MEETING-RAILS OF SASHES.

Specification forming part of Letters Patent No. **194,804**, dated September 4, 1877; application filed July 30, 1877.

To all whom it may concern:

Be it known that we, HENRY L. CLARK and AUGUSTUS B. SMITH, of Chester, in the county of Orange and State of New York, have invented a new and Improved Sash-Fastener, of which the following is a specification:

Figure 1 is a plan view of our improved sash-fastener. Fig. 2 is a front elevation. Fig. 3 is a transverse section on line *x x* in Fig. 2.

Similar letters of reference indicate corresponding parts.

The object of our invention is to provide a simple and inexpensive sash-fastener to be applied to the meeting-rails of window-sashes, which cannot be unfastened from the outside, and will prevent the window from rattling; and the invention consists in a novel combination of parts, as hereinafter more fully described and claimed.

In the drawings, A and B are respectively the meeting-rails of the upper and lower sashes of a window.

C is the portion of the fastener that is attached to the upper sash, and D is the part that is attached to the lower sash.

The part C consists of a plate, *a*, attached to the upper face of the rail A, and having formed on it brackets *b*, one at each end, which are recessed to receive the flat spring *c*. A stud, *d*, projects from the middle of the plate *a*, and to it a curved lever, *e*, having the square shoulder *f*, is jointed. The shoulder *f* bears against the spring *c*, and holds the lever *e* in a vertical position when the window is unfastened.

The part D consists of a plate, *g*, attached to the rail B of the lower sash, and having formed on it brackets *h i*.

From the bracket *h* an ear, *j*, projects parallel to the plate *g*. Between the ear and plate a latch, *k*, having a notch, *l*, is pivoted. This lever turns in a plane parallel to the plate *g*, and when closed to secure the window, the free end swings under an ear, *m*, that projects from the bracket *i*.

A ledge, *n*, is formed on the plate *g*, which is received by a notch, *o*, in the lever *e*, when the sashes are fastened.

The under surface of the ear *m* is slightly beveled, so that the end of the latch *k* wedges between it and the plate *g*. A thumb-piece, *p*, is formed on the free end of the latch for convenience in operating the fastener.

When the window is closed it is fastened by turning the lever *e* down into a horizontal position over the plate *g* and swinging the latch *k* over it, the curvature of the lever being such as to permit the notched part of the latch to slip over it.

It is impossible to move either the latch or lever from the outside of the window; therefore the window cannot be opened from the outside.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

A sash-fastener consisting of two parts, C D, the former having plate *a*, brackets *b*, a recess containing spring *c*, a stud, *d*, and a shouldered lever, *e f*, and the latter having plate *g*, brackets *h i*, notched latch *k l*, and beveled ear *m*, as shown and described.

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Witnesses:
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GEO. M. HOPKINS.