

R. V. JENKS.

FASTENER FOR THE MEETING RAILS OF SASHES.

No. 174,680.

Patented March 14, 1876.

Fig 1

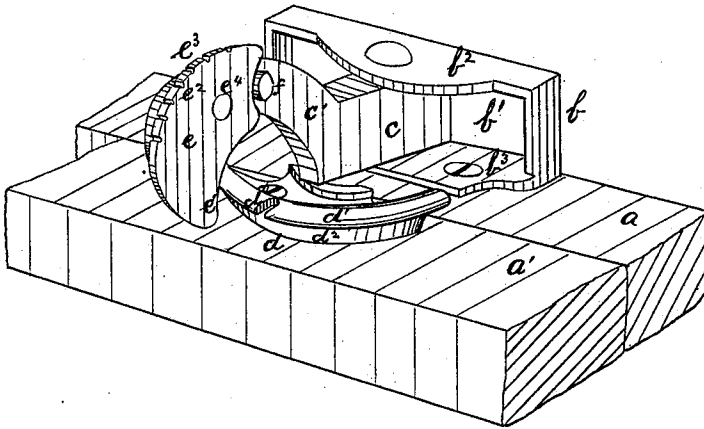


Fig 2

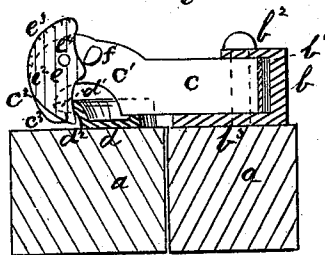


Fig 3.



WITNESSES:

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IMPROVEMENT IN FASTENERS FOR THE MEETING-RAILS OF SASHES.

Specification forming part of Letters Patent No. **174,680**, dated March 14, 1876; application filed February 25, 1876.

To all whom it may concern:

Be it known that I, ROBERT V. JENKS, of Paterson, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Fasteners for the Meeting-Rails of Window-Sashes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in fasteners for the meeting-rails of window-sashes. It consists in a pivoted locking-plate attached to the outer or hooked end of, and so arranged as to automatically lock the catch-arm as the latter is turned outward from the sash-rail, to which it is pivoted, by dropping into a notch in the rim or periphery of the semicircular segment or retaining-plate secured to the meeting-rail of the opposite sash, which will be hereinafter more fully explained and definitely claimed.

In the drawings, Figure 1 represents a perspective view; Fig. 2, a cross-section; and Fig. 3 a detail view of part of the fastener, constructed according to my invention.

a and *a'* represent portions of the meeting-rails of the upper and lower sashes, with my invention applied thereto. *b* is a hollow bearing secured to the upper edge of the rail *a*. In it is placed the retaining-spring *b¹*, and between its upper and lower plates *b²* *b³* is pivoted the catch-arm *c*, the opposite end of which is curved upward at *c¹*, so as to allow of the free passage of the catch *c* over the semicircular retaining-piece *d*, which, at its outer edge, is provided with a raised projecting rim, *d¹*, leav-

ing a channel, *d²*, between the rim *d¹* and the sash *a'*, to which the piece *d* is secured. The lower forward end *c²* of the catch-arm *c* is provided with a hooked portion, *c³*, adapted to extend under the rim *d¹* and run in the channel *d²*, when the catch-arm *c* is turned into the position shown in the drawings. To the forward end of the catch-arm *c* is pivoted a locking-plate, *e*, the rear face of the lower end *e¹* of which is adapted to be received within a notch or recess, *d⁴*, formed in the rim *d¹* of the retaining-piece *d*, when the catch-arm *c* is turned into position to lock the window-sashes, as shown in the drawings, Fig. 2. The outer edge *e²* of the locking-plate *e* is provided with a serrated, notched, or roughened edge at *e³* to facilitate the turning of the locking-plate *e* on its pivot *e⁴* when it is desired to raise the lower end out of the notch *d⁴*, so that the catch-arm *c* may be thrown back against the bearing *b*, in order to permit the sashes to be opened. *f* is a stop on the catch-arm *c*, which prevents the locking-plate *e* being turned so far back that it will not hang by its own weight in position to lock the catch *c* when pressure is removed from the plate *e*.

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

The catch-arm *c*, pivoted locking-plate *e*, and retaining-plate *d*, provided with the notch *d⁴* in its periphery, all constructed and arranged substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own I hereto affix my signature in presence of two witnesses.

ROBERT V. JENKS.

Witnesses:

WM. ALLEN MILLER,
JAMES H. ROGERS.