(No Model.)

E. F. BARROWS.

FASTENER FOR THE MEETING RAILS OF SASHES.

No. 461,254. Patented Oct. 13, 1891.

Fig. 1.

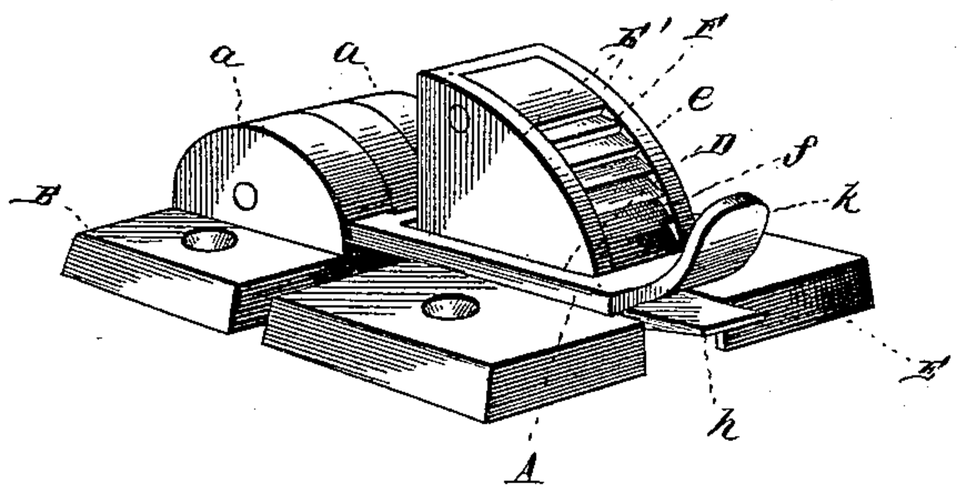
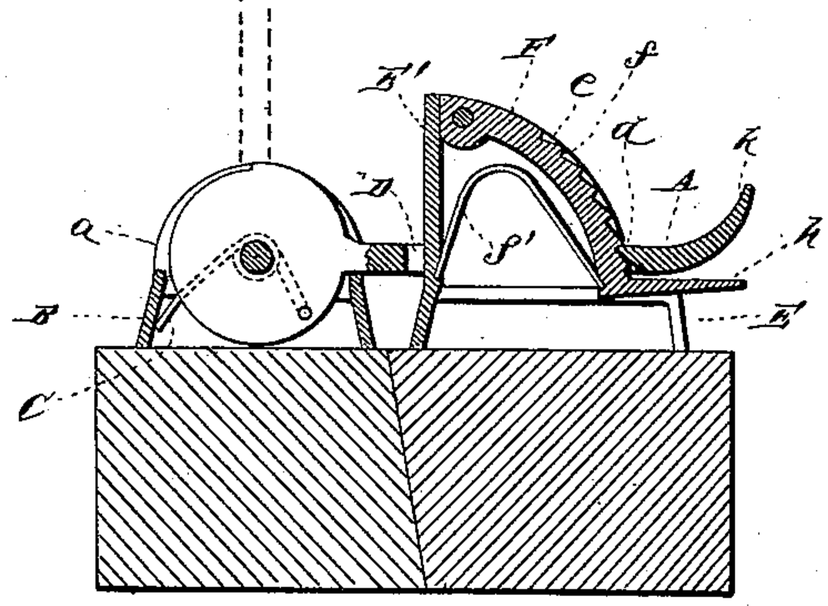


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWARD F. BARROWS, OF LOCKPORT, ILLINOIS, ASSIGNOR TO THE BARROWS MANUFACTURING COMPANY, OF SAME PLACE.

FASTENER FOR THE MEETING-RAILS OF SASHES.

SPECIFICATION forming part of Letters Patent No. 461,254, dated October 13, 1891.

Application filed January 3, 1891. Serial No. 376,601. (No model.)

To all whom it may concern:

Be it known that I, EDWARD F. BARROWS, a citizen of the United States, and a resident of Lockport, in the county of Will and State of Illinois, have invented certain new and useful Improvements in Sash-Locks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of the invention and is a perspective view. Fig. 2 is a vertical longitudinal section.

The invention is designed to provide a simple, convenient, and effective sash-lock; and it consists in the construction hereinafter described.

In the accompanying drawings, illustrating the invention, A represents a strap or loop hinged or pivoted at one end to the lugs *a* on a base-plate B, designed to be secured to the upper sash. A spring C is provided, bearing against said strap or loop and normally holding it in an upright or vertical position. Said strap or loop has a rectangular slot D, in the front edge of which is a small beveled catch *d*.

E represents a plate designed to be attached to the lower sash and having the integral upwardly-projecting recessed lug E′, having the cam-edges *e*. Pivoted between these cam-edges in the recessed lug, at its upper corner, is a segmental piece F, having an outline conforming to the cam-edges of the lug and provided on its outer face with the teeth *f*. A small spring *f′* normally holds this segmental piece F out flush with the cam-edges.

The slot D of the loop or strap A is adapted to be drawn down over the cam-edges of the lug E′, which movement, as will be seen, will draw the two sashes tightly together. The strap is locked or held in the position of its greatest tension by means of the catch *d*, hereinbefore referred to, which engages the teeth of the segmental rack-piece. The lower end of the segment-piece is extended to form a pressure or finger plate *h*, by the depression of which the segment is forced back, releasing the catch *d*, the spring C instantly throwing the strap or loop upward and backward.

It will be seen that in the use of a lock constructed as above described that it will make no difference if the sashes are swollen by damp so as not to come to a line with each other, as in this case the strap or loop will engage the segmental ratchet-piece at a higher tooth or notch and will draw the sashes closely together, securely locking them until released by the operation of the finger-piece *h*.

The forward end of the strap or loop forms a convenient finger-hold, as at *k*.

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

The sash-lock comprising the spring-actuated pivoted strap or loop having a rectangular slot adapted to be drawn over and engage a cam-edged lug or projection carried by the opposite sash, said lug having pivoted therein a spring-actuated segmental rack-piece adapted to be engaged by a catch on said strap or loop, and means for retracting said segmental rack-piece and releasing said strap or loop, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

EDWARD F. BARROWS.

Witnesses:
C. W. SAGER,
A. C. PIKE.