(No Model.)

J. McPHERSON LOWREY.

SASH FASTENER.

No. 303,938. Patented Aug. 19, 1884.

Fig. 1.

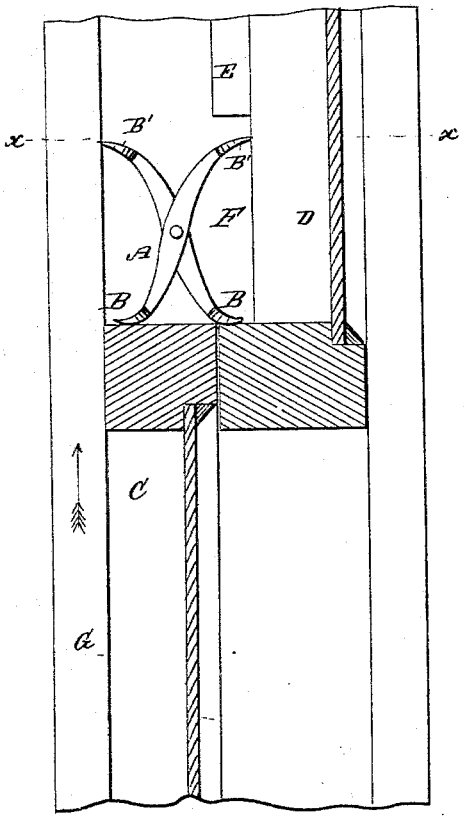


Fig. 3.

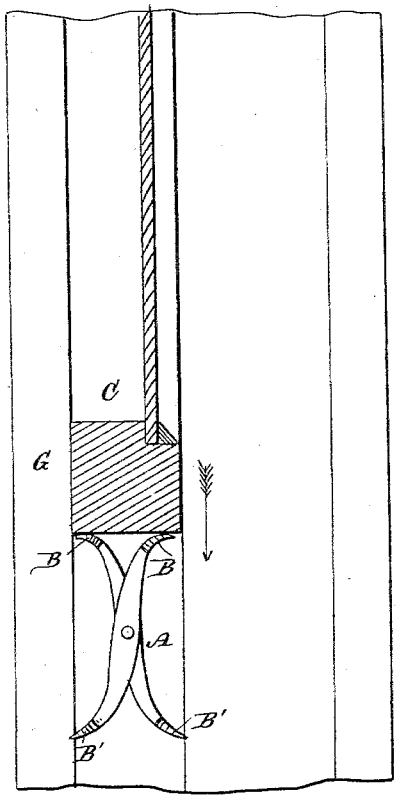


Fig. 2.

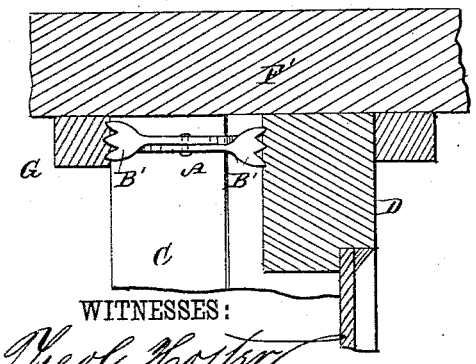
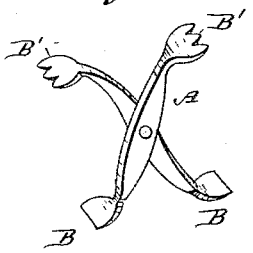


Fig. 4.



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JOHN McPHERSON LOWREY, OF JONESBOROUGH, GEORGIA.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 303,938, dated August 19, 1884.

Application filed January 4, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHN McP. LOWREY, of Jonesborough, in the county of Clayton and State of Georgia, have invented a new and Improved Sash-Lock, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved detachable device for holding and locking window-sashes in any desired position.

The invention consists in a sash-lock formed of two metal strips or short flat bars crossed and pivoted to each other out of the middle, which strips are provided at the ends with jaws, of which those on the short ends of the strips are provided with smooth edges, and those on the long ends are provided with serrated edges.

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

Figure 1 is a side view of my improved sash-lock, showing it applied for locking the top and bottom sashes in place when both are closed. Fig. 2 is a sectional plan view of the same on the line *x x*, Fig. 1. Fig. 3 is a side view of the sash-lock, showing the manner in which it holds a sash raised. Fig. 4 is a perspective view of the sash-lock.

Two metal strips or short flat bars, A, are crossed and pivoted to each other slightly out of their middles, so that two long and two short arms will be formed, the long arms being on one side of the pivot and the short arms on the other. The ends of the strips are flattened out to form jaws B B′, the planes of which are at right angles to the side planes of the said strips or flat bars. The jaws B, formed on the shorter ends of the strips, have smooth edges, and the jaws B′ on the longer ends of the strips have serrated edges, as shown. The jaws B B′ are not made flat, but are slightly curved, as shown. If the sashes are to be locked in place when both are closed—that is, when the lower sash, C, is lowered and the upper sash, D, is raised—the sash-lock is placed on the top rail of the bottom sash, C, within the guide-groove, the jaws B resting on the top rail of the lower sash and partly on the upper surface of the bottom rail of the top sash, as shown in Fig. 1, the parting-strip E being provided with a recess at F. The toothed edges of the jaws B′ are pressed slightly into the rear surface of the front guide-strip, G, and into the rear surface of the top sash. If the lower sash is raised, it will press the lower jaws, B, apart, and thereby the upper jaws, B′, will be pressed apart, and their toothed edges will be forced firmly into the strip G and the top sash, whereby the sash-lock will be held firmly in place, and will prevent raising the lower sash. If the top sash is pressed downward, the toothed edge of one jaw B′ is forced into the same, and thereby the other toothed jaw will be forced into the strip G, and thus the upper sash will be locked. If a sash is to be held partly raised or partly lowered, the sash-lock is inverted, so that the toothed jaws are downward and the smooth jaws upward, and the holder or lock is placed in the guide-groove, as shown in Fig. 3. By the pressure of the sash on the jaws B the jaws B′ are forced into the sides of the groove, and thus the lock is held in place and supports the sash. The strips or short bars A must be pivoted out of the centers or middles, so that the toothed edges of the jaws will always be separated a greater distance than the smooth edges of the jaws, and will catch on the surfaces of the sashes or strips before the smooth edges come in contact with the said surfaces.

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

A sash-lock consisting of two metal strips or short flat bars crossed and pivoted to each other out of the middle, which strips are provided at the ends with jaws, the jaws on the short ends of the strips having smooth edges, and the jaws on the long ends of the strips having serrated edges, substantially as herein shown and described.

JOHN McPHERSON LOWREY.

Witnesses:
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