(No Model.)

F. B. MOORS.

SASH HOLDER.

No. 381,268. Patented Apr. 17, 1888.

Fig. 2.

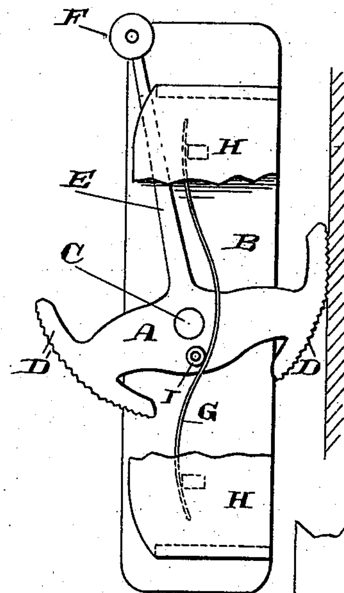


Fig. 1.

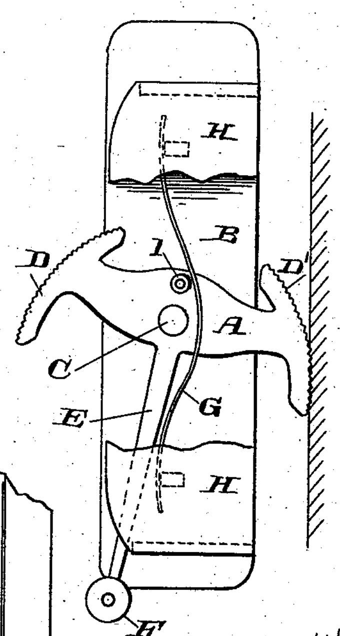


Fig. 3

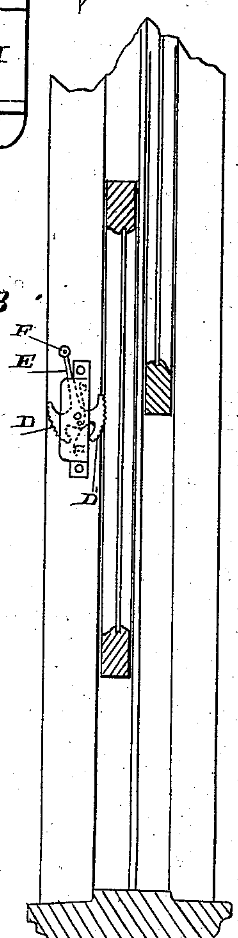
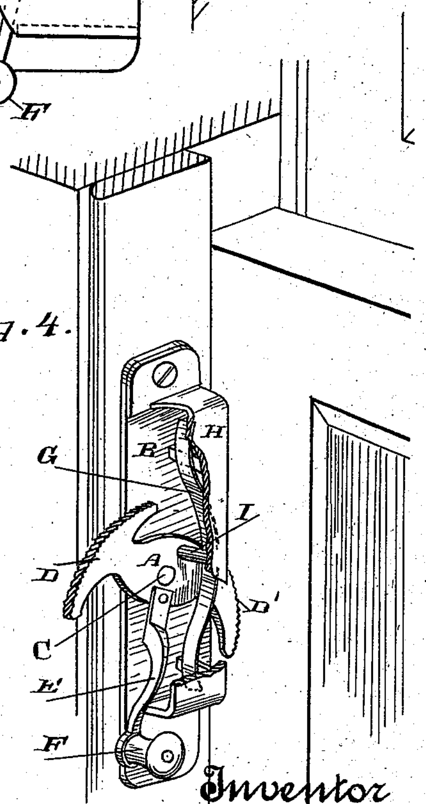


Fig. 4.



Witnesses,
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UNITED STATES PATENT OFFICE.

FRANK B. MOORS, OF SAN FRANCISCO, CALIFORNIA.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 381,268, dated April 17, 1888.

Application filed November 12, 1887. Serial No. 255,026. (No model.)

To all whom it may concern:

Be it known that I, FRANK B. MOORS, of the city and county of San Francisco, State of California, have invented an Improvement in Sash-Holders; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to devices which may be used to fasten windows and prevent their being opened when in one position, and when reversed will act as a catch to hold the sash at any point where it is desired to have it remain when raised; and my invention consists in the sash-holder hereinafter fully described and specifically claimed.

Referring to the accompanying drawings for a more complete explanation of my invention, Figure 1 is a view showing the device attached to a window-sash and used as a fastener. Fig. 2 shows it reversed so as to act as a catch to hold the window up. Fig. 3 is a vertical section of a window, showing the application of my device. Fig. 4 is a perspective view of my device, showing its application.

A is an arm having its center pivoted or fulcrumed upon a plate, B, by means of a central screw or bolt, C. Upon the outer ends of this arm are two segments, D D', the outer faces of which are curved and toothed or corrugated, so that they will bind against the sash or frame against which they are brought into contact and act as a lock. The curve of these two segments is not formed from the center of motion of the arm, but they are eccentric to the center of motion, so as to insure their binding more strongly with any additional pressure that may be brought upon them. These two segments project far enough from the plate on each side so that when either of them is turned to come in contact with the window-sash they will press against it, the plate B being secured to the casing by the side of the lower sash, as shown in Fig. 4.

Projecting from the arm A at a point midway between the two segments is a lever or handle, E, having a button, F, by which it is easily turned, so that either of the segments may be brought into contact with the sash, as may be desired. In order to hold these segments in place, I have fitted a curved spring, G, into the frame or cap H, which is secured to the plate B and covers the moving parts, and a roller, I, is fixed upon a stud projecting upwardly from the arm A at one side of the pivot or fulcrum, so that this roller travels upon the inside of the curved spring, as shown in Fig. 1. When the device is to be used as a fastener, the lever will be turned downward, as shown in Fig. 1, and the segment D will be brought in contact with the sash and its corrugated edge will cause it to bind, so that any attempt to raise the sash will be resisted, and the sash thus locked in place and prevented from rising.

If it is desired to raise the sash and retain it at any particular point, the lever-arm will be turned upward, and this will reverse the arm, so as to bring the opposite segment, D', against the side of the sash, the spring holding it with sufficient pressure. When the sash is raised, the segment will yield slightly to pass up, and when the weight of the sash presses downward the segment will bind to prevent it from moving. When this device is to be used in the upper sash, it will preferably be set into the sash itself, and the segment will then travel against the parting-strip or the side of the casing.

It will be manifest that when fixed in the sash, so as to travel with the sash, the lock or holding segments will operate in exactly the reverse manner from their operation when the device is itself fastened to the casing.

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

The reversible centrally-fulcrumed arm having the segments upon its opposite ends, a lever attached to it, by which it may be turned, and the spring and anti-frictional stud moving over the spring, so as to hold the device in either position, substantially as herein described.

In witness whereof I have hereunto set my hand.

FRANK B. MOORS.

Witnesses:
OLIVER E. MOORS,
S. H. NOURSE.