(No Model.)

P. McBRIDE.

SASH HOLDER.

No. 589,849. Patented Sept. 14, 1897.

Fig: 1.

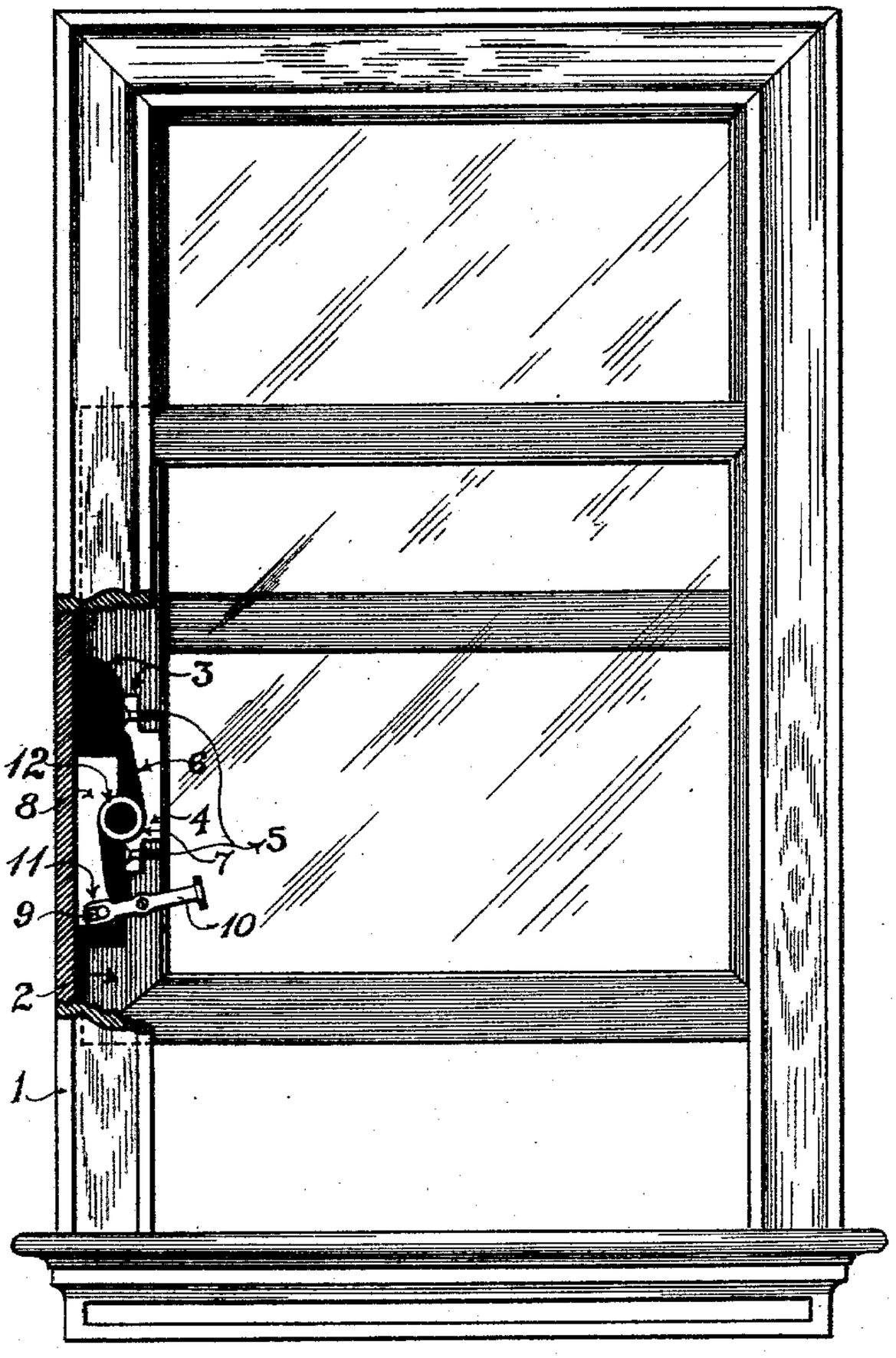
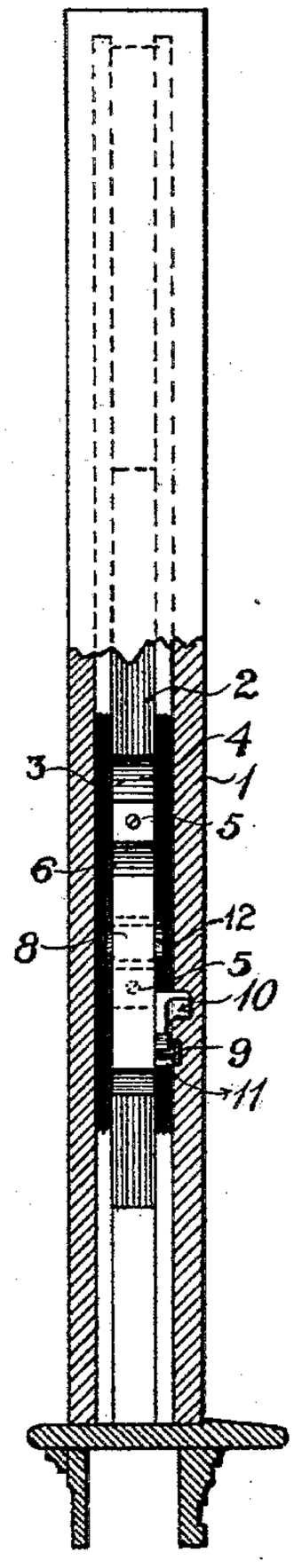


Fig: 2.



WITNESSES

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PETER McBRIDE, OF BROOKLYN, NEW YORK.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 589,849, dated September 14, 1897.

Application filed November 10, 1896. Serial No. 611,582. (No model.)

To all whom it may concern:

Be it known that I, PETER McBRIDE, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Sash Locks or Fasteners; and I do hereby 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.

My invention relates to sash locks or fasteners.

My object is to provide a sash lock and fastener of simple and improved construction which can be quickly and easily manipulated to lock the sash firmly in position at any point or which may be released to allow the sash to be moved, as desirable.

Having this object in view the invention consists of a sash-fastener comprising certain new features and novel combinations, appearing more fully hereinafter and recited in the claim.

In the accompanying drawings, Figure 1 is a side elevation, and Fig. 2 a vertical section.

The numeral 1 designates a window frame or casing, and 2 is a sash movable therein. The sash is cut away at one side, as at 3, to form a vertically-extending opening.

The numeral 4 designates a plate which is secured to the sash by the fastening devices 5. This plate is provided with a recessed portion forming an inclined face 6, which extends in such manner that the opening or recess is narrowest at its upper point and depressed at its lower point, where a curve 7 is provided. There is a locking-plate 8, which is movable in the vertically-extending opening of the sash, and this has a cut-away or recessed edge forming a cam-incline of exactly the same construction as that just described, only the portions of the incline are arranged in reversed relation. This locking-plate bears against the window-frame.

The numeral 9 designates a pin which projects from the lower end of the locking-plate. At 10 there is shown a pivoted operating-lever which has a slotted end 11, in which the pin 9 is received.

The numeral 12 designates a roller, in the present instance shown in the form of a ring which runs between the cam-inclines of the two plates.

The operation is as follows: After the sash has been brought to the proper position the free end of the lever is pressed down, and when this happens the locking-plate is moved upwardly, moving the roller and forcing said locking-plate against the frame. The weight of the sash assists in holding it locked. By moving the free end of the lever upwardly the locking-plate is drawn downward, moving the roller down again, so that it fits in the depressed portions of the cut-away edges of the two plates, and the locking-plate is then released and the sash can be moved to desired position.

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

In a sash-fastener, the combination with a sash, and a window-frame, of a plate having an inclined surface and connected to the sash, a locking-plate adapted to bind on the frame and which is provided with an inclined surface, a roller bearing on the two inclined surfaces, and a lever pivoted to the sash and operatively connected to the locking-plate.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

PETER McBRIDE.

Witnesses:
DIEDRICH SPILLE,
JOHN J. HAZELETT.