

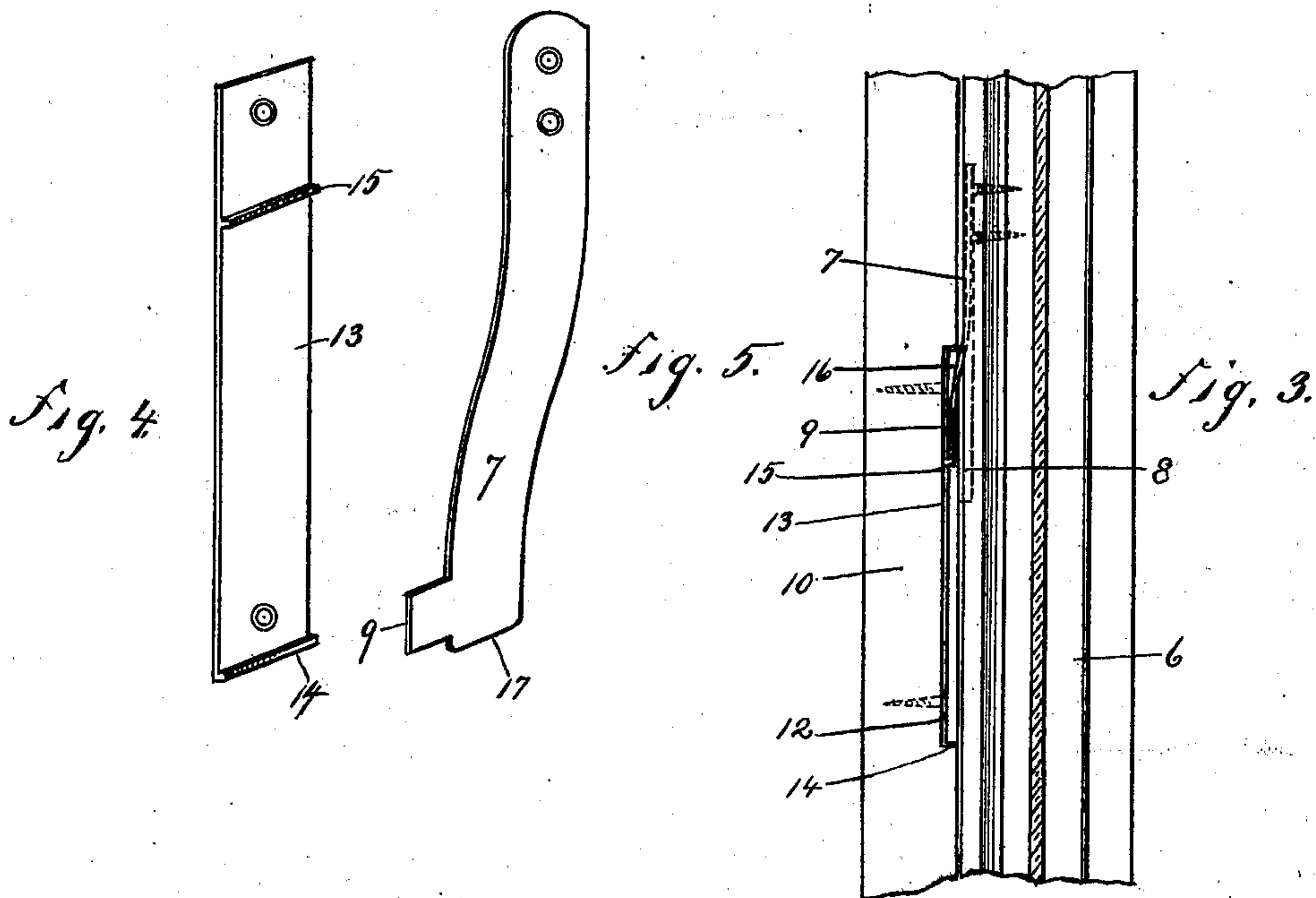
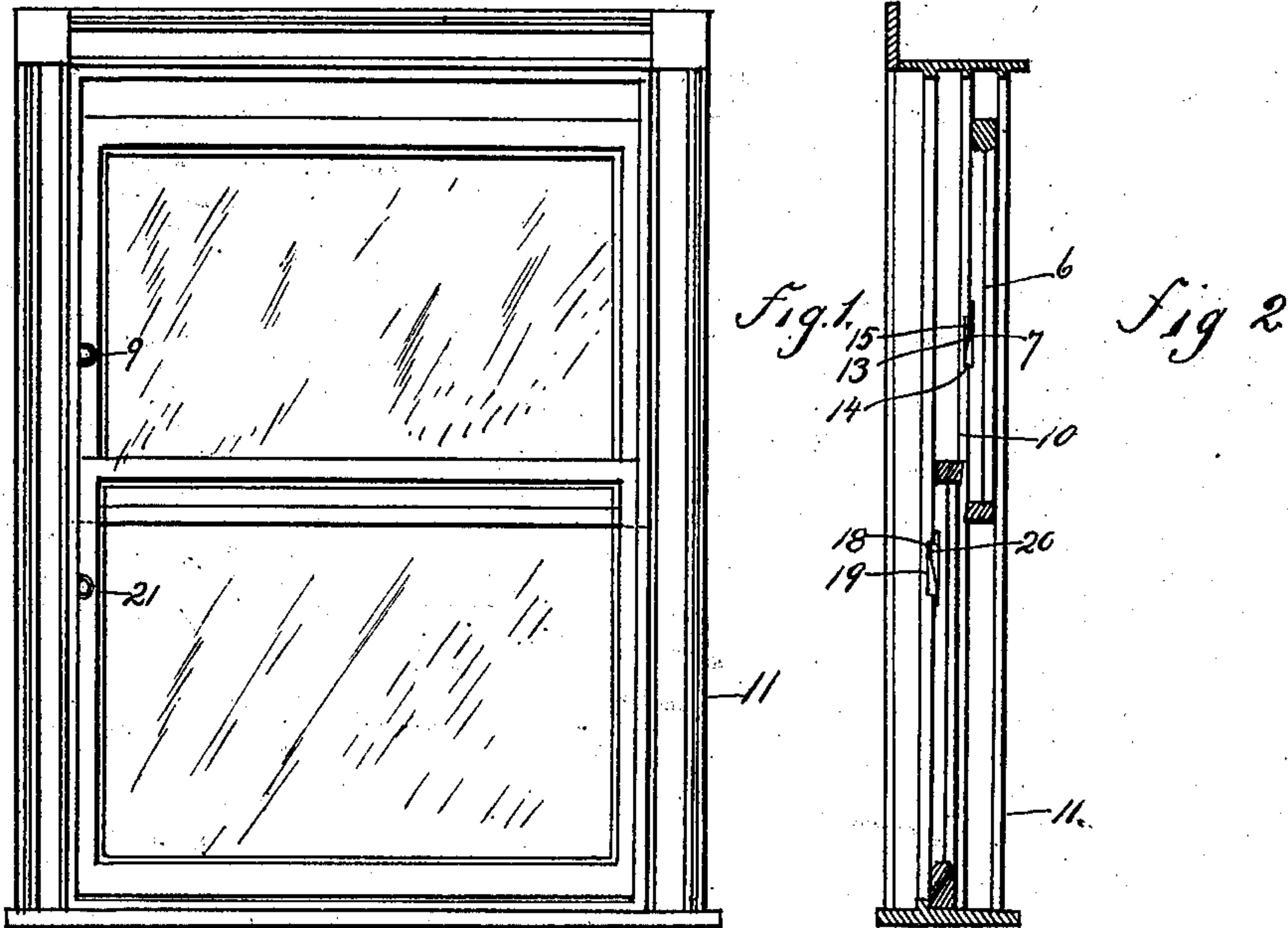
No. 692,532.

Patented Feb. 4, 1902.

R. B. MALOON.
SASH HOLDER.

(Application filed Apr. 29, 1901.)

(No Model.)



WITNESSES:

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RICHARD B. MALOON, OF NEW YORK, N. Y.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 692,532, dated February 4, 1902.

Application filed April 29, 1901. Serial No. 58,064. (No model.)

To all whom it may concern:

Be it known that I, RICHARD B. MALOON, a citizen of the United States, residing at New York, in the county and State of New York, have invented a new and useful Sash-Holder, of which the following is a specification.

My invention relates to improvements in sash-holders, and has for its objects, first, to provide a holder which will lock automatically; second, to provide a holder which will lock the upper sash both at the top and adjacent thereto to provide for ventilation when desired; third, to provide a holder which will be concealed from view from the outside of the window, and, fourth, to provide a holder which will be cheap to manufacture and which will not easily get out of order. I attain these objects by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a view of a window with my improved holders applied thereto. Fig. 2 is a vertical section thereof. Fig. 3 is a view of a portion of the upper sash and dividing-strip on a larger scale. Fig. 4 is a view of the plate used with the upper sash, and Fig. 5 is a view of the spring-catch.

Similar numerals of reference refer to like parts in each of the views, and in the practice of my invention I provide the upper sash with a spring catch-plate 7, which is mounted in a recess 8 in the side of the sash and is provided with a thumb-piece 9, which projects upon the face of the sash beyond the edge of the dividing-strip 10 of the frame 11. In a recess 12 in the dividing-strip 10 I mount a plate 13, which is provided at the bottom thereof with a ledge or shoulder 14 and adjacent to the upper end with a second ledge or shoulder 15, so that a recess 16 will be left between the ledge 15 and the top of the recess 12, formed out of a portion of said recess.

In operation the end 17 of the spring catch-plate 7 rests upon the ledge 15 when the upper sash is at the top of the frame; but when it is desired to lower the upper sash a short distance to provide for ventilation the end 17 of said plate is depressed into the recess 8 by pressing upon the thumb-piece 9 until the end 17 will pass over the ledge 15, when by re-

leasing the pressure on said thumb-piece the end 17 will spring outward and will engage the ledge 14, and the window cannot be lowered farther without again depressing the thumb-piece, so that a person outside the window could not operate the holder, by reason of the fact that the sash would not be lowered sufficiently to permit of the insertion of the arm of the person, and consequently an instrument could not be used, as the arm would have to be passed in through the opening in order to force an instrument against the thumb-piece 9.

It is further noted that as the thumb-piece 9 projects outward upon the sash-frame but a short distance it will be entirely concealed from view of the person outside the window, and this fact adds to the difficulty of operating the catch or holder from without.

As it is not necessary to lock the lower sash except at the bottom of the window, but a single ledge or shoulder 18 is provided on the plate 19, and the spring-catch 20 will engage this ledge when the sash is at the bottom of the window and may be disengaged by depressing the thumb-piece 21, as with the upper sash.

It will be noted that the spring-catch and ledges are so disposed on the upper sash that the sash will be locked against lowering, while on the lower sash they are so disposed that the lower sash cannot be raised.

The advantages of my improved lock or holder will be apparent to all. Both sash lock automatically, so that there is no danger of leaving the window unlocked. As the locks or holders are invisible from the outside of the window, it is a more difficult matter to ascertain their location, and consequently to operate them, than with locks located in the center of the sash. As the catch-plate and shoulder-plate are both mounted in perpendicular recesses, they cannot be dislodged by jarring the window, and for this reason the lock is more secure than locks mounted on the cross-pieces of the sash.

I do not limit myself to the exact construction of plate 13 herein shown and described, as this plate may be made in two pieces or stamped up out of metal, and other changes

can be made without departing from the spirit of my invention, and I reserve the right to make all such changes.

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

10 A sash holder, or lock, comprising a plate provided with two shoulders, or ledges, mounted in the dividing-strip facing the upper sash, and a spring catch-plate mounted in the face

of the upper sash and adapted to successively engage said shoulders, or ledges, as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of 15 two subscribing witnesses.

RICHARD B. MALOON.

Witnesses:

G. P. VAN WYE,
DELMA EPSTEIN.