

W. L. McKibbin.

Sash Holder.

N^o 86,773.

Patented Feb. 9, 1869.

Fig. 1.

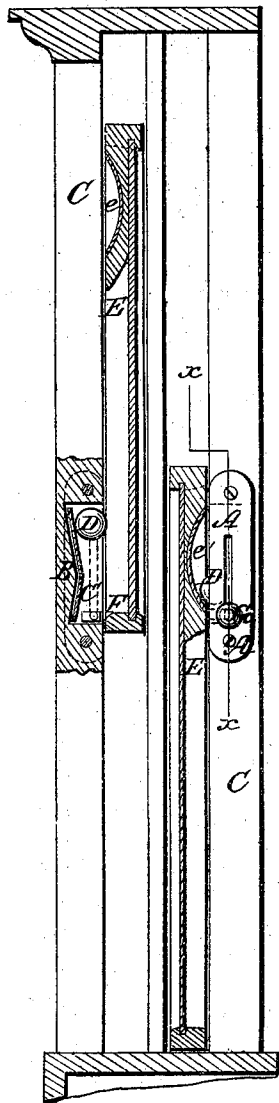
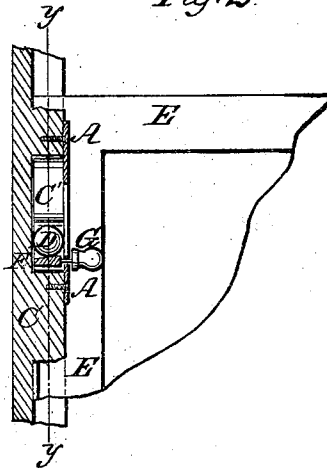


Fig. 2.



Witnesses.

Wm A Morgan.

G. C. Cotton.

Inventor.

W. L. McKibbin

per Wm M. C.
attys.



WILLIAM LEE McKIBBIN, OF BUCK VALLEY, PENNSYLVANIA.

Letters Patent No. 86,773, dated February 9, 1869.

IMPROVEMENT IN SASH-LOCK.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM LEE McKIBBIN, of Buck Valley, in the county of Fulton, and State of Pennsylvania, have invented a new and useful Improvement in Window-Sash Locks and Supporters; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a vertical sectional view of a window to which my improvement has been attached, parts being broken away to show the construction.

Figure 2 is a detail sectional view of the same, taken through the line *x x*, fig. 1.

Similar letters of reference indicate like parts.

My invention has for its object to furnish an improved lock and supporter for window-sashes, which shall be so constructed and arranged as to hold the sash securely locked when lowered, and to securely support it in any position to which it may be raised.

It consists in the construction and combination of the various parts, as hereinafter more fully described.

A is a plate, having an angular flange, B, formed upon or attached to its under side.

The plate A is attached to the window-casing C, with the flange B projecting into a recess, *c*, formed in the said casing C, as shown in fig. 1.

D is a ball, which may be made of glass, rubber, or any other desired and suitable material, and which is placed in the recess *c* in the casing C, between the angular plate B and the side of the sash E.

In the forward side of the sash E, in such a position as to be directly opposite the recess *c* in the casing C, when the said sash is fully lowered, is formed a curved recess, *e*, of such a depth that, when its deepest part may be directly opposite the angle of the flange B, the ball D may pass by said angle into the lower part of the recess *c* in the casing C.

F is a block, or small plate, placed in the recess *e*, and which is of such a size that it can move up and down through said recess, past the angle of the flange B of the plate A.

The block or plate F is formed with a stem upon its upper or outer edge, which passes out through a longitudinal slot in the plate A, and which has a knob, G, attached to its outer end, for convenience in operating the said plate or block.

In using the device, when the ball D is in the upper part of the recess *c*, above the angle of the flange B, the sash may be raised freely; but when the said sash is released, the ball D is clamped between the inclined upper part of the flange, or plate, B, and the side of the sash E, holding said sash securely in place, and the said sash E can only be lowered by raising the ball D into the upper part of the recess *c*, by means of the plate or block F.

When the sash has been fully lowered, the ball D drops past the angle of the flange B, into the lower part of the recess *c*, so that, when it is attempted to raise the sash, the ball D will be clamped between the inclined lower part of the flange, or plate, B, and the side of the sash E, securely locking the said sash, so that it can only be raised by first raising the ball D into the upper part of the recess *c*, by means of the plate or block F.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The arrangement of the slotted plate A, angular flange, or plate, B, ball D, and block or plate F, with the recess *c* in the sash, all operating as herein described and for the purpose specified.

WM. LEE McKIBBIN.

Witnesses:

RALPH EDDOWES,
JESSE WOOLLENS.