

T. R. & W. L. HUBBARD.

Sash Holder.

No. 121,785.

Patented Dec. 12, 1871.

Fig. 1.

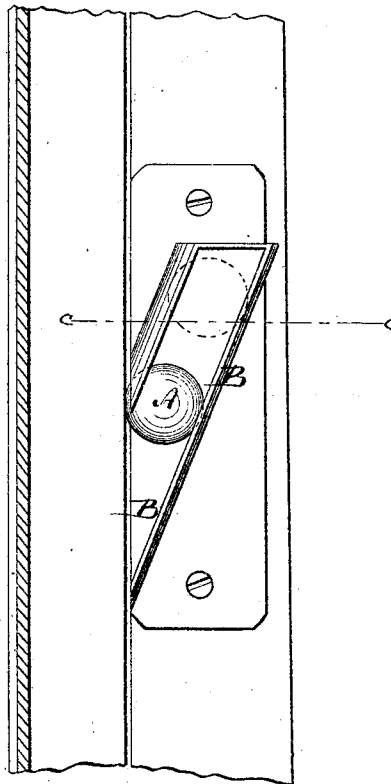


Fig. 2.

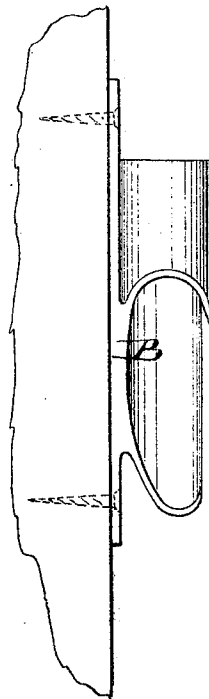
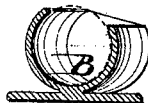


Fig. 3.



Witnesses:

A Benneken & Co.
Alex L. Roberts

Inventor:

T. R. & W. L. Hubbard

PER

Munn & Co.

Attorneys.

UNITED STATES PATENT OFFICE.

THOMAS R. HUBBARD AND WILLIAM L. HUBBARD, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. 121,785, dated December 12, 1871.

To all whom it may concern:

Be it known that we, THOMAS R. HUBBARD and WILLIAM L. HUBBARD, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Sash-Holder, of which the following is a specification:

Figure 1 represents a side view of our improved sash-holder. Fig. 2 is an end view of the same. Fig. 3 is a transverse section of the same on the line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

Our invention relates to an improvement in the class of sash-holders distinguished by a ball or roller confined in a case or rack so as to be in contact with the sash or window-frame, except when raised manually.

We construct our device in the following manner: To a screw-plate, A, of rectangular or oblong form, designed to be secured to the window-frame or casing, we attach a hollow cylinder or tubular socket, B, in a diagonal position, as shown in the drawing. This cylinder is closed at its upper end, open at its lower end, and provided with a straight, longitudinal slot, which permits

application of the finger to move the ball A' upward out of contact with the sash when it is desired to lower the latter, and is yet sufficiently narrow to prevent escape of the ball. The lower end of the cylinder being cut diagonally or straight with the plate A the lower side thereof forms a rest for the ball when allowed to come into frictional contact with the sash, which, in turn, serves to prevent escape of the ball from the socket.

It will be seen that while the sash may be raised at any time without hindrance from the ball, it cannot be lowered until the ball be moved upward in the socket.

We claim as our invention—

As an improved article of manufacture the device herein described, consisting of the screw-plate A, diagonal-slotted ball-socket or cylinder B, closed at its upper end and open at its lower end, as and for the purpose specified.

THOMAS R. HUBBARD.
WILLIAM L. HUBBARD.

Witnesses:

A. V. BRIESEN,
T. B. MOSHER.

(24)