

(No Model.)

C. A. PAUL.

SASH HOLDER.

No. 310,220.

Patented Jan. 6, 1885.

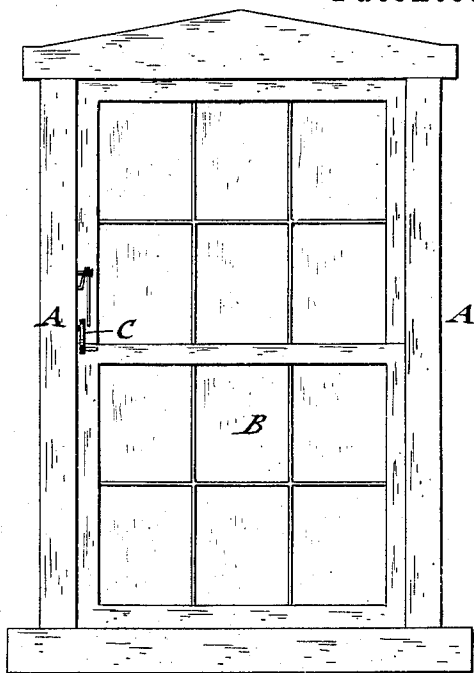


Fig. 1.

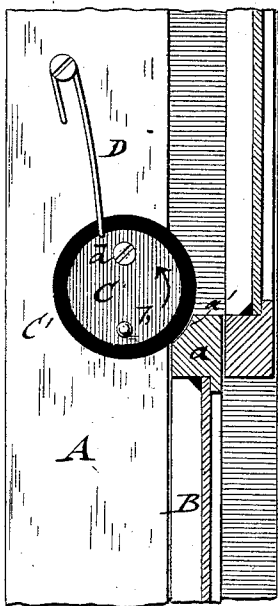


Fig. 2.

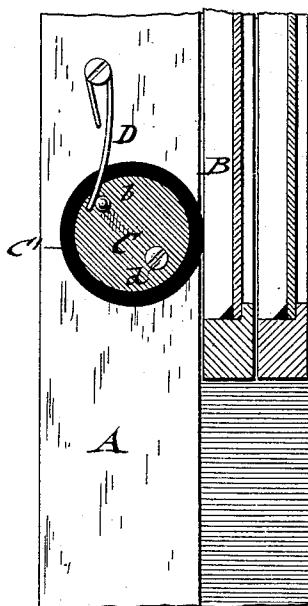


Fig. 3.

WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES A. PAUL, OF MILL CENTRE, WISCONSIN.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 310,220, dated January 6, 1885.

Application filed February 25, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES AUGUST PAUL, of Mill Centre, in the county of Brown and State of Wisconsin, have invented certain new and useful Improvements in Window-Sash Fasteners, of which the following is a specification.

This invention has reference to an improved cheap and simple fastener for window-shutters, and also acts in the nature of a sash-lock when the sash is lowered; and it consists of a disk provided with a rubber tire, said disk being secured to the window-casing, and provided with a laterally-projecting pin that is acted upon by the free end of a spring attached to the window-casing, so that the disk is pressed against the sash-frame when the sash is raised. When the sash is lowered, the disk bears upon a concave recess of the meeting edge of the sash-frame and prevents it from being opened from the outside.

In the accompanying drawings, Figure 1 represents a front elevation of a window-casing, showing my fastener in position thereon; and Figs. 2 and 3 show the fastener respectively in position to lock the sash when lowered and to retain it when in raised position.

Similar letters of reference indicate corresponding parts.

A in the drawings represents the window-casing, and B the lower sash of the same.

To the window-frame A is eccentrically pivoted, at right angles to the side rail of the sash-frame, a disk, C, of metal or other suitable material, which is provided with a rubber tire, C'. Above the disk is secured to the window-casing a spring, D, that extends downward far enough so as to engage a laterally-projecting pin or handle, b, of the disk C, as shown in Fig. 3. The upper meeting-rail, a, of the lower sash, B, is provided with a concave recess, a', at its inner edge, into which the disk projects, as shown in Fig. 2, so that the disk acts in this position in the nature of a sash-lock, as it prevents the lifting of the sash from the outside.

When it is desired to lift the sash and lock it in raised position, the disk C is turned on the pivot d, by taking hold of the pin b, in the direction of the arrow shown in Fig. 2. The disk C clears thereby the sash, and arrives finally in the position shown in Fig. 3, in which the pin b abuts against the lower end of the spring D. In this position of the disk the sash can be readily raised without interference by the disk; but at the moment when the sash is raised the disk is pressed against the side rail of the sash-frame by the spring D, and the sash rigidly held in position by the eccentrically-pivoted disk. When the sash is to be lowered, the disk is pulled back so that the pin b clears the spring D. The disk C drops by gravity into the position shown in Fig. 2, in which position the sash can be closed without interference by the disk. When the sash is entirely closed, the disk resumes its position on the depression a' of the meeting-rail of the sash, so as to lock it against efforts from the outside. In this manner a very simple and effective fastener and lock for window-sashes is obtained.

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

The combination of a window-sash the meeting-rail of which has a concave recess, a disk having an elastic tire and pivoted eccentrically to the window-frame, arranged at right angles to the sash-frame, a laterally-projecting pin attached to said disk, the window-frame to which the disk is secured, and a curved spring the upper end of which is attached to the casing above the disk, while the lower end is engaged by the pin, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

C. A. PAUL.

Witnesses:

JOHN KLOKE,
G. E. T. KYBER.