(No Model.)

G. K. SNYDER & C. P. FISHER.

SASH HOLDER.

No. 386,938. Patented July 31, 1888.

Fig. 1.

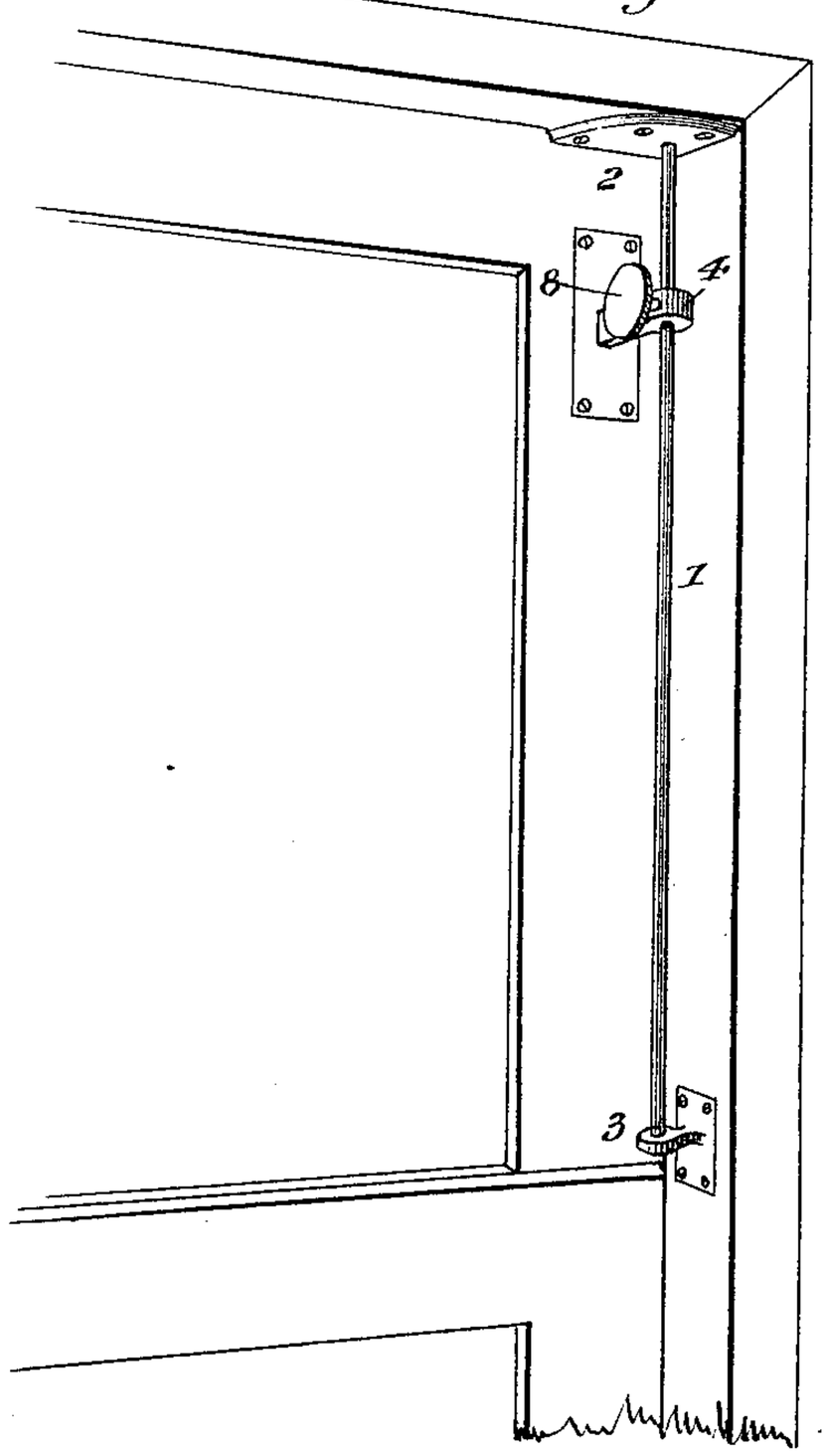

Fig. 2.

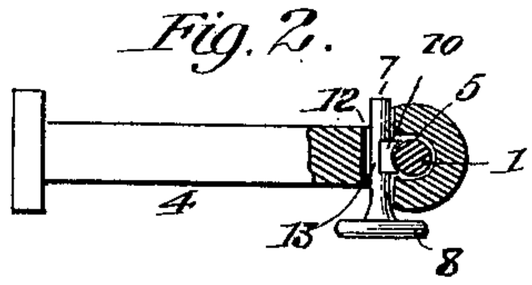

Fig. 3.

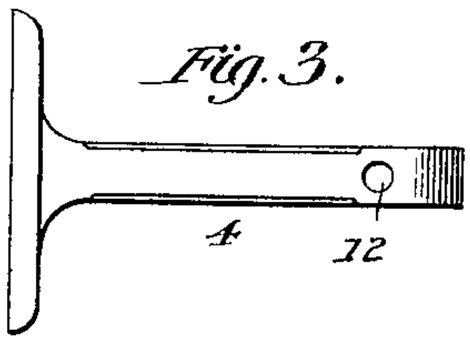

Fig. 4.

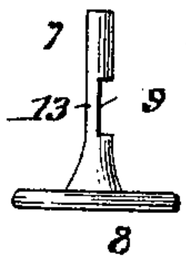

Fig. 5.

WITNESSES:

J. L. Clark.

C. Sedgwick.

INVENTOR:

G. K. Snyder.

BY C. P. Fisher.

Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE K. SNYDER AND COMODORE P. FISHER, OF CLAY CENTRE, KANSAS.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 386,938, dated July 31, 1888.

Application filed January 12, 1888. Serial No. 260,565. (No model.)

To all whom it may concern:

Be it known that we, GEORGE K. SNYDER and COMODORE P. FISHER, both of Clay Centre, in the county of Clay and State of Kansas, have invented a new and Improved Sash Holder and Fastener, of which the following is a full, clear, and exact description.

This invention relates to a device for holding a window-sash in any position when opened and for locking it when closed; and it consists in a sash holder and fastener constructed and arranged as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 represents a sash holder and fastener applied to a window-sash in accordance with our invention, with parts broken away. Fig. 2 is a plan view of the fastener, partly broken away and in section. Fig. 3 is a side view of the attaching-bracket, and Figs. 4 and 5 are detail views of the fastener.

In the construction of this device a rod, 1, having reversely-screw-threaded ends (not shown) engaging a plate, 2, and a bracket, 3, screwed to the window-frame, extends vertically the length of a sash. Adjacent to the rod 1 is mounted a metallic bracket, 4, secured, as shown, to the window-sash and provided with a recess, 5, through which rod 1 extends, and openings 12 for the cam device, hereinafter described.

To hold the sash in any position when open or to lock it when closed, a cam device is employed to wedge against rod 1. The cam device consists of a pin, 7, having a milled head, 8, and a slotted portion, 9, in which a block, 10, in the recess 5, and having a curved portion, 11, is located, and which fits against the rod 1. The pin 7 rests in the slot or opening 12, which is such a size as to permit of the rotation and cam movement of the pin 7. By this means upon turning the milled head 8 the portion 13 of pin 7 presses by a cam action block 10 against the rod 1 and clamps it in the recess 5 against the bracket 4. In the position of the cam-fastener shown in Fig. 5 block 10 rests in slot 9 and the sash is free to be lowered and raised. To unlock or release the bracket 4 from the rod 1, it is only necessary to turn the pin 7 until the block 10 rests in the slot 9, when it is released from engagement with the rod 1. The opening 12 is large enough to permit the insertion of block 10 and pin 7.

The advantage of this invention is that a simple device is provided which secures the sash at any point at which it may be raised or lowered, and also securely locks it when closed. It is obvious that the fastener may be duplicated, so as to be used on the same rod with both sashes.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

In a sash-fastener, the combination, with a rod, of the bracket 4, provided with the recess 5 and the opening 12, the pin 7, having the cut-away portion 9, and the block 10, substantially as described.

GEO. K. SNYDER,
COMODORE P. FISHER.

Witnesses:
CHARLES MISNER,
JESSE DRAKE.