

No. 629,772.

Patented Aug. 1, 1899.

E. M. COMSTOCK.
SASH FASTENER.

(Application filed May 12, 1897.)

(No Model.)

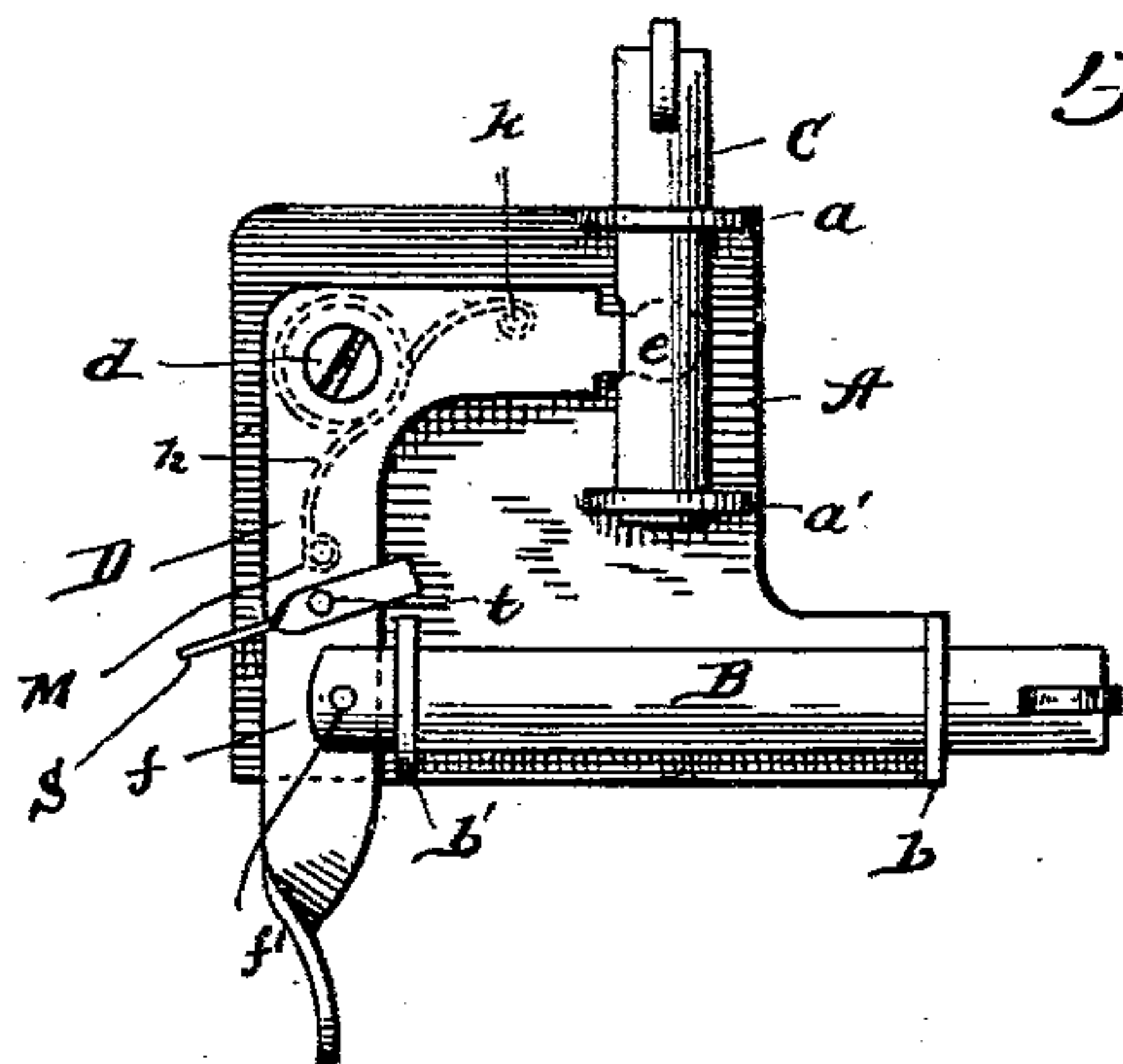


Fig. 1.

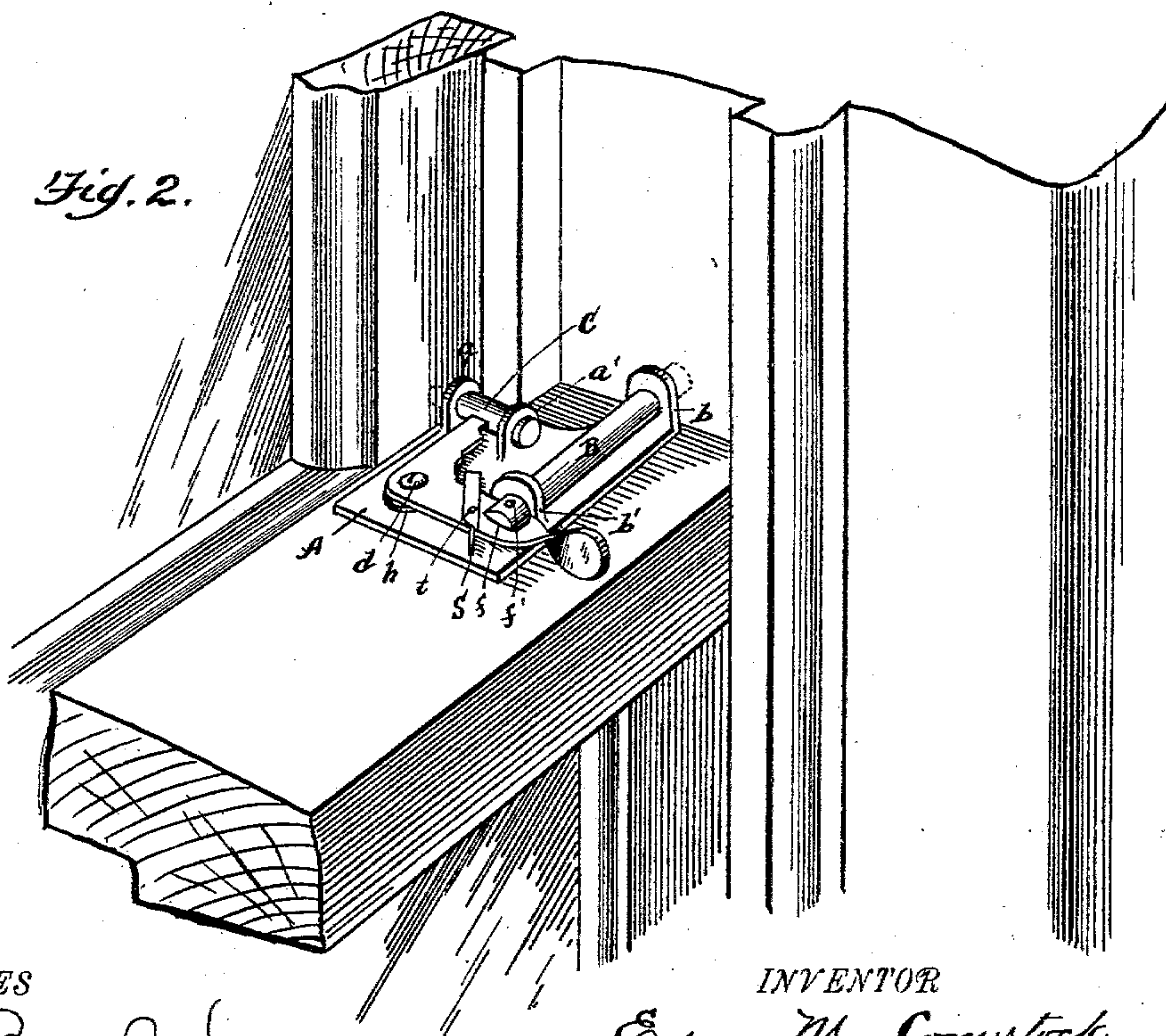


Fig. 2.

WITNESSES
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EDGAR M. COMSTOCK, OF YPSILANTI, MICHIGAN.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 629,772, dated August 1, 1899.

Application filed May 12, 1897. Serial No. 636,196. (No model.)

To all whom it may concern:

Be it known that I, EDGAR M. COMSTOCK, a citizen of the United States, residing at Ypsilanti, county of Washtenaw, State of Michigan, have invented a certain new and useful Improvement in Window-Sash Fasteners; and I declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to window-sash fasteners, and has for its object an improved fastening adapted to lock the two sashes together and to lock the two sashes to the casing at any point, either when in a position to fully close the window or with either or both sashes in position to leave the window partly open, with the lower sash up and the upper sash closed, or with the upper sash partly open and the lower sash closed, or with both the upper and lower sashes partly open.

In the drawings, Figure 1 is a plan of the catch. Fig. 2 shows the catch in perspective in place on the sash.

A indicates a plate made of suitable form to attach to the upper side of the upper bar of the lower sash. It is to be attached to this bar near one end, so that one of the bolts will take into the casing. It may be attached to either end, as the catch is adapted for both right and left hand catch.

On the base-plate A are two bolts B and C, mounted in lugs *a a' b b'*. The two bolts are capable of movement in paths which cross each other at right angles. From the base-plate A rises a post on which there is journaled a crank-lever D. The lever D is held to the post by a pin or screw *d*. One end *e* of the crank-lever D engages the bolt C and the other end *f* engages the bolt B. The engagement between the end *e* and the bolt C is made by inserting the end which is rounded somewhat in a slot cut into the body of the bolt. The engagement between the end *f* and the

bolt B is made by passing the lever C through a slot in the end of the bolt and securing the bolt to the lever by a pin *f'*, that passes through an elongated slot in the end of the lever. When so constructed, the bolt B and the bolt C can both move, each along its own path, which is a right line under the actuating influence of the lever, the ends of which move in circular lines. A spring *h* is coiled around the post on which the lever D is fulcrumed, and one projecting end bears against a pin *k*, that rises from the base-plate A, and the other presses against a pin *M*, that drops from the lever D. The spring holds the bolts normally projected, with their ends in the bolt-seats in the casing or window-sash. Each of the bolts B and C is preferably terminated with a friction-roller.

S indicates a locking-dog that is pinned to the lever D by the pin *t*, and the end of this locking-dog is adapted to engage behind the lug *b'* and when in engagement behind the lug *b'* holds both the bolts retracted.

The bolts engage in suitable seats along the casing and along the sash of the window to which the catch is not fixed and will securely hold the two sashes together and hold both the sashes to the frame.

What I claim is—

In a sash-lock, in combination with the base-plate provided with guiding-lugs, a bolt C, slotted intermediate its ends, and a bolt B, slotted at its end, a bell-crank lever one branch of which engages in the slot of the bolt C, and the other branch of which engages with the bolt B, a pivoted catch S, on the bell-crank lever adapted to be swung into engagement with the guiding-lug *b'*, and thereby hold both said bolts in their unlocked position, and a spring *h*, tending to throw both bolts to their locked position, substantially as described.

In testimony whereof I sign this specification in the presence of two witnesses.

EDGAR M. COMSTOCK.

Witnesses:

SETH ARNOLD,

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