

No. 814,281.

PATENTED MAR. 6, 1906.

J. C. FRITCH.
WINDOW SASH LOCK.
APPLICATION FILED MAR. 22, 1905.

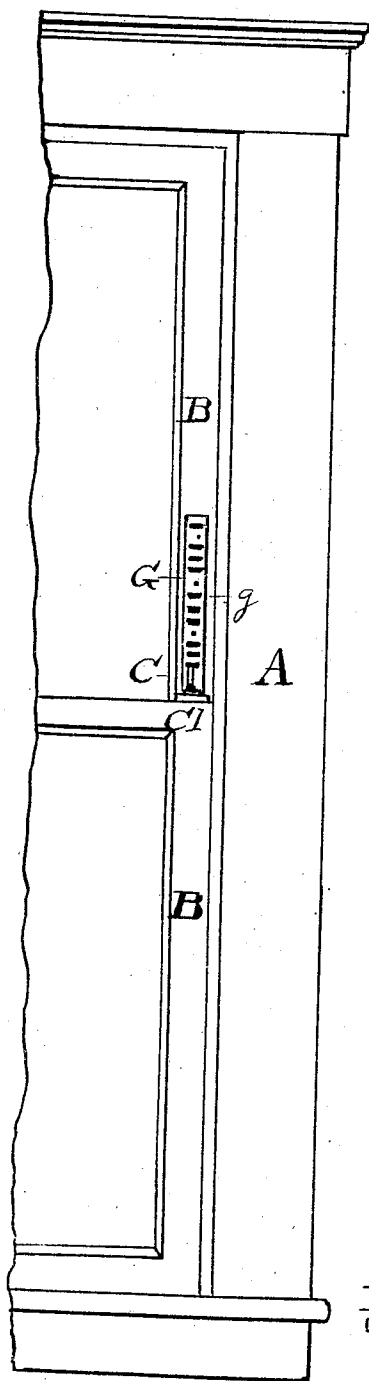


Fig. 1.

Witnesses:

Geo. B. Tibbitts

E. A. Tibbitts

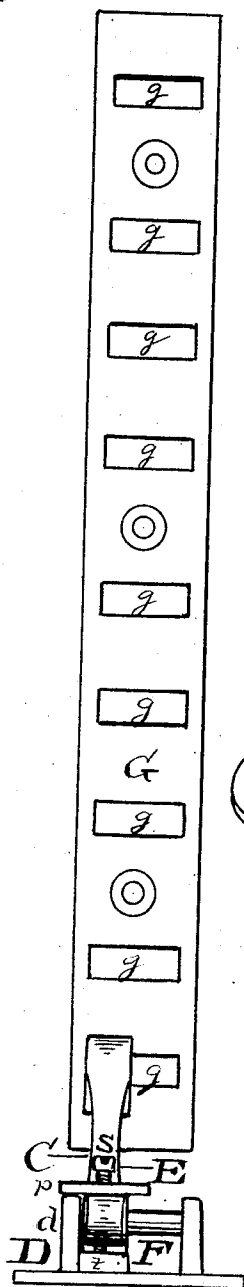


Fig. 2.

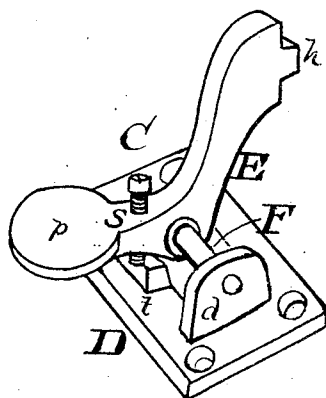


Fig. 3.

Inventor:

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UNITED STATES PATENT OFFICE.

JOSEPH C. FRITCH, OF CLEVELAND, OHIO, ASSIGNOR OF TWENTY ONE-HUNDREDTHS TO FRANK STOVERING AND TWENTY-FIVE ONE-HUNDREDTHS TO BURTON S. BLOSSOM, BOTH OF CLEVELAND, OHIO.

WINDOW-SASH LOCK.

No. 814,281.

Specification of Letters Patent.

Patented March 6, 1906.

Application filed March 22, 1905. Serial No. 251,359.

To all whom it may concern.

Be it known that I, JOSEPH C. FRITCH, a citizen of the United States of America, and a resident of Cleveland, Cuyahoga county, State of Ohio, have invented certain new and useful Improvements in Window-Sash Locks; of which the following is a specification.

This invention relates to window-sash locks, and has for its object to provide a ready and easy means for adjusting and locking the sash in any desired level for ventilation, &c.

The invention consists in the construction and combination of elements comprising such a device, substantially as hereinafter described, and pointed out in the claim.

In the accompanying drawings, illustrating this improvement, Figure 1 is a front elevation of a portion of a window frame and sash having the improved sash-lock attached. Fig. 2 is a front face view, on a full-sized scale, of the locking device. Fig. 3 is a vertical section of the same. Fig. 4 is a perspective view of the locking-lever.

A represents a window-frame, and B the window-sash. C in the several figures is the locking device, consisting of a plate D, having two upright ears or lugs *d d*. This plate is to be fastened onto the upper corner of the lower sash, as at C', Fig. 1.

E is a thumb-lever fulcrumed on a pintle F, fixed in the ears *d d*. The ears are far enough apart to allow the lever to slip on the pintle for locking and unlocking the lever.

G is a bar having cross-slots *g g*, into which tenon-point *h* on the end of lever D engages in locking or holding the sash. Bar G is secured to the upper sash above the lock C, as shown in Fig. 1. In the lever C is provided a set-screw S, adapted to catch on a raised shoulder *t* on the plate D. This will prevent

the slipping of the lever C on its pintle by any means other than manipulating it on the inside by means of the thumb-piece *p*.

The method of operating this device is as follows: The position shown represents the sash as locked. To unlock them, the operator may, by grasping the thumb-piece, slide the lever C to the right on its pintle, then pressing down on the thumb-piece release the lever from the slot *g*, in which it has been engaged.

It will be seen that the slots *g g* are wide enough to let the lever slide far enough to pass the shoulder *t* for releasing it from the slot for unlocking the sash.

It will also be seen that the upper sash may be lowered a short distance and locked to provide safety for ventilation. The lower sash may also be raised in like manner.

Having described my invention, what I claim is—

A window-sash lock consisting of a plate having lugs thereon, a pintle fixed in said lugs, a thumb-lever fulcrumed and slidable on said pintle and having a tenon-point on the outer end of an arm thereof, a set-screw adjustable in said lever and a shoulder on said plate adapted to be engaged by said screw; and a bar having slots therein, each of said slots being of such length as to permit said lever to be moved longitudinally on said pintle so that set-screw is removed from contact with said shoulder, substantially as described.

Signed by me at Cleveland, Ohio, this 18th day of March, 1905.

JOSEPH C. FRITCH.

Witnesses:

GEO. W. TIBBITTS,
THOMAS P. SCHMIDT.