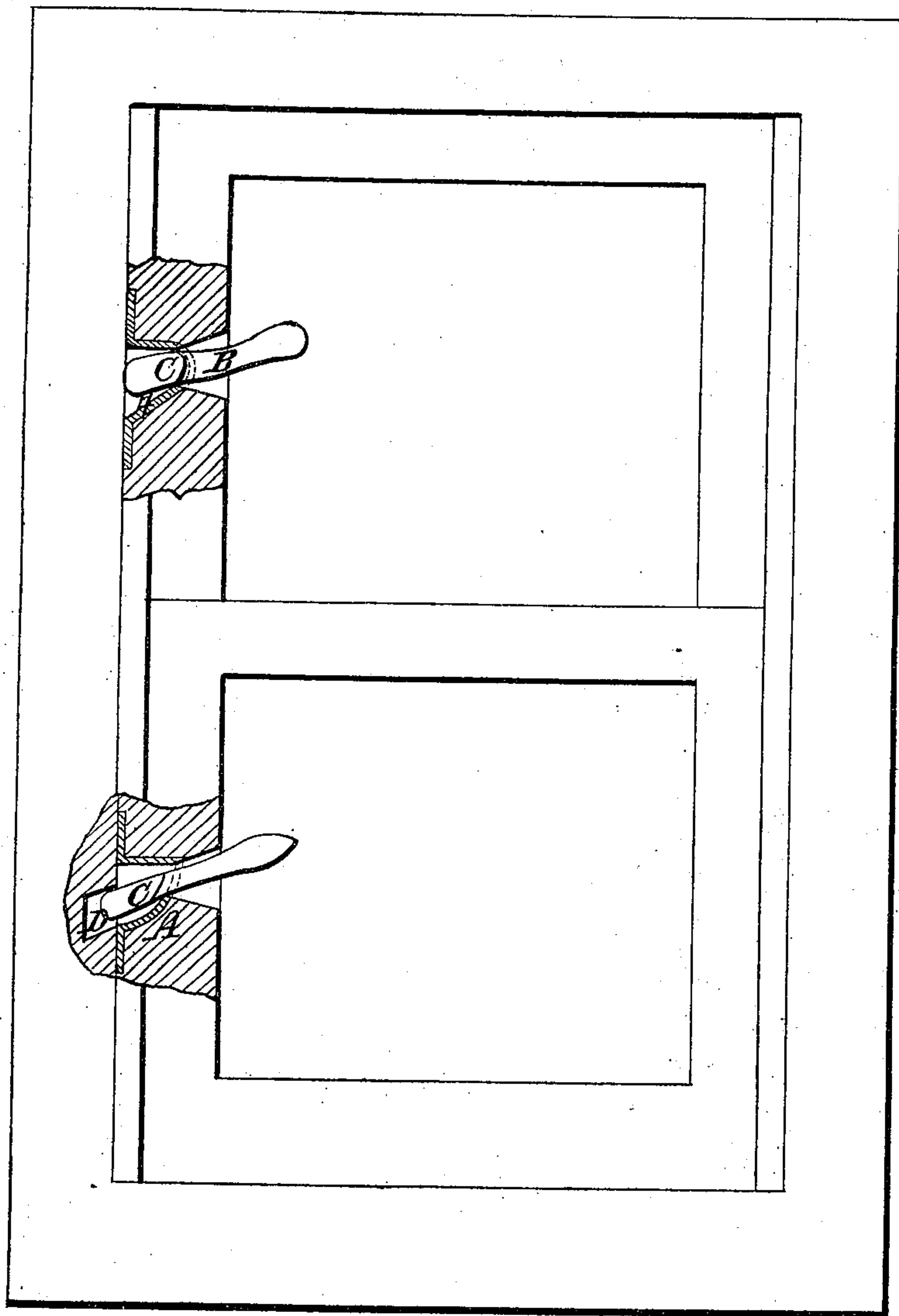


W. A. Goranflo.

Slide Fastener.

N^o 86,982.

Patented Feb. 16, 1869.



Witnesses

A Bernerken Gorf.

Wm A Morgan.

Inventor.

W. A. Goranflo.

per *Wm A Morgan*
Atty.



WILLIAM A. GORANFLO, OF ALLENTOWN, PENNSYLVANIA.

Letters Patent No. 86,982, dated February 16, 1869.

IMPROVEMENT IN SASH-HOLDER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM A. GORANFLO, of Allentown, in the county of Lehigh, and State of Pennsylvania, have invented a new and useful Improvement in Sash-Fasteners; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to improvements in sash-fasteners, the object of which is to provide a simple and cheap device that will readily adjust itself to act as a lock, when the sash is shut down, and may be unlocked and adapted for a fastener for holding the sash at any desired point, by a slight movement by the hand.

The drawing represents a window, partly broken away, showing my improvement applied to it.

I provide an opening through the sash-stile, in the direction of the face of the jamb, considerably contracted at the centre, and insert a metallic case, or bushing, A, on the side next to the jamb, having an opening on its bottom, coincident with the contracted portion of the hole through the stile.

In this bushing, I introduce a pawl, B, having the shoulders of the said contraction for a fulcrum, and capable of sliding in and out, to some extent.

It is provided with shoulders, C, which prevent it

from being forced out too far, the said shoulders bearing against the bottom of the bushing.

For locking the sash, when in a closed position, to prevent it being raised up, I provide an inclined recess, D, in the jamb, into which the end of the pawl will drop immediately on the closing down of the sash.

To permit the raising of the sash, the pawl must be first raised out of the recess by the hand.

For holding the sash in an elevated position, the pawl is so adjusted in respect to its length between its shoulders C, which rest on the bottom of the bushing, and the inner end, that the friction of the said end on the jamb will cause it to bite thereon, and arrest the downward movement of the sash, by its pressure against the bottom of the said bushing.

It may be disengaged, for closing the window down, by raising the outer end of the pawl.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The sliding pawl B, provided with the shoulders C, and combined with the bushing A, substantially as specified.

WM. A. GORANFLO.

Witnesses:

AARON TICE,
AMOS GOOD.