

A. C. Rodgers,

Saph Holder.

N^o 65,508.

Patented June 4, 1867.

Fig: 1.

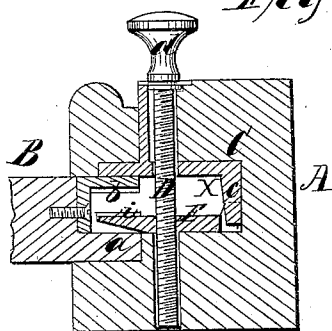


Fig: 2.

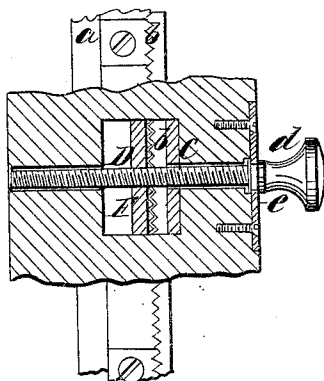
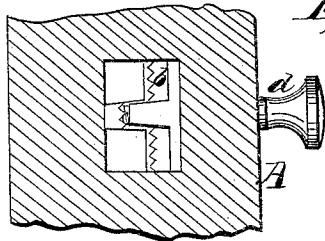


Fig: 3.



Witnesses:

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Inventor:

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By his attorney
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United States Patent Office.

AMOS C. RODGERS, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 65,508, dated June 4, 1867.

IMPROVED SASH-FASTENER.

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, AMOS C. RODGERS, of Philadelphia, Pennsylvania, have invented an Improved Retaining Device for Window-Sashes, &c.; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of a sliding frame or door having a plate secured to one edge, in combination with a plate or clamp, and with devices fully described hereafter for operating the clamp, so that the latter may either be brought as firmly against the plate on the sliding frame as to secure the latter in any position, or may be moved back so as not to interfere with the adjustment of the frame.

In order to enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which---

Figure 1 is a transverse section of sufficient of a window-frame and sash to show my improvement; and Figures 2 and 3, elevations partly in section.

A is one of the side-pieces of a window-frame, and B is a part of a sash, which slides between guiding strips *k l* at one side of the side-piece. The edge of the sash B is so cut away as to leave a rib, *a*, at one side, and to the opposite side of the sash is secured a metal plate, *b*, which is serrated at the inner side, as shown in the drawing. At one side of a recess, X, in the side-piece A, is secured a plate, C, at the inner end of which is a projection, *c*, and through this plate, and through an opening in the side-piece A, passes a screw, D, to the outer end of which is secured a knob, *d*, the latter turning freely in a plate, *e*, secured to the outer face of the side-piece A. Within the recess X fits loosely a plate, F, one end of which projects into the space between the rib *a* and the plate *b* of the frame B, and at the side of this plate F, opposite the plate *b*, are projections or teeth, *i*, adapted to the serrations of the plate *b*. At the inner end of the plate F is a recess into which extends the projection *c* on the plate C, the screw D passing through an opening in the plate F, in which are cut threads corresponding to those on the screw. When the parts are in the position shown in fig. 1, the sash may be freely raised and lowered. When, however, it is desired to secure the sash in any position, it is first properly adjusted, and the screw D is then so turned as to bring the plate F against the plate *b*, the teeth *i* engaging with the serrations of the latter plate, which is firmly clamped between the plate F and the adjacent guiding strip A, so that the sash is not only secured immovable in its proper vertical position, but is also prevented from moving laterally and rattling. When the position of the sash is to be changed, the screw D is turned so as to move back the plate F to its first position, the projection *c* serving to guide the plate as it is moved back and forth in the opening.

The frame, when very heavy, may be secured at both edges by devices similar to that described. The device may also be used in connection with small sliding doors or shutters.

I claim as my invention, and desire to secure by Letters Patent---

A sliding frame or door, B, with its plate *b* at the edge, in combination with a plate, F, and with a screw, D, whereby the plate F may be brought firmly against or removed from contact with the plate *b*, the whole being constructed and operating substantially as and for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

AMOS C. RODGERS.

Witnesses:

JOHN WHITE,
W. J. R. DELANY.