

S. ROOT.
Sash-Fasteners.

No. 208,124.

Patented Sept. 17. 1878.

Fig. 1

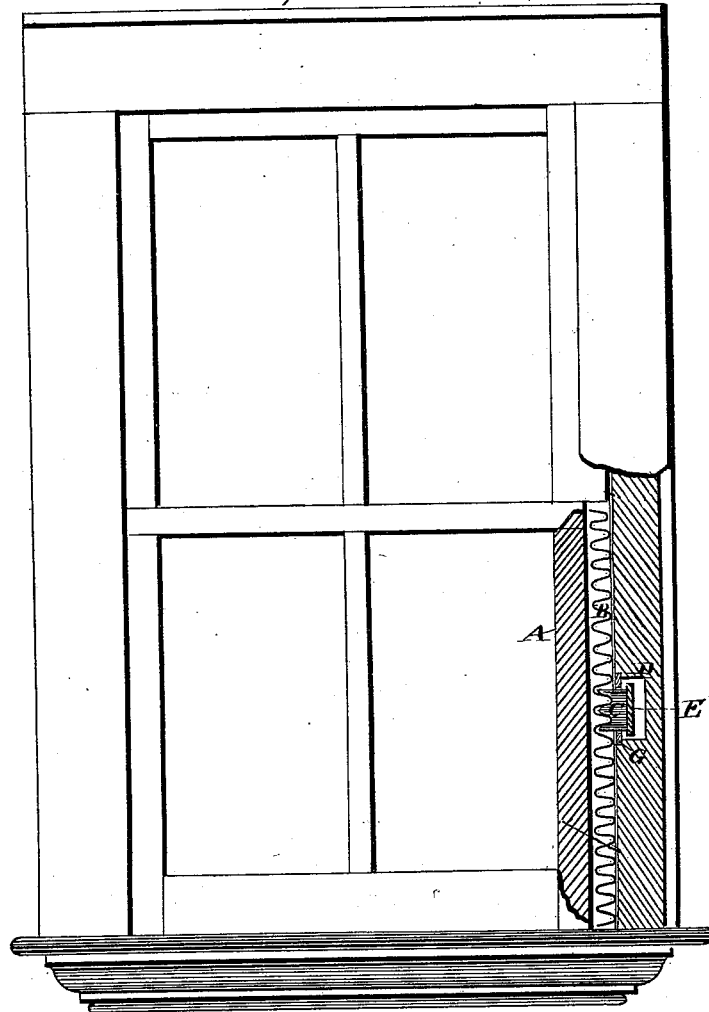
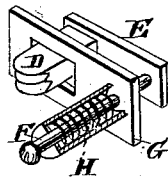


Fig. 2 -



Fig. 3 -



WITNESSES
Ed. J. Nottingham
A. M. Bright

INVENTOR
Sylvester Root
By *H. A. Adams*
ATTORNEY

UNITED STATES PATENT OFFICE.

SYLVESTER ROOT, OF KENTLAND, INDIANA.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. **208,124**, dated September 17, 1878; application filed January 24, 1878.

To all whom it may concern:

Be it known that I, SYLVESTER ROOT, of Kentland, in the county of Newton and State of Indiana, have invented certain new and useful Improvements in Sash Supporters and Fasteners; and I do hereby 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 it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to improvements in sash supporters and fasteners; and consists in the novel combination, with a corrugated locking-strip secured within a vertical recess of the sash, of a spring-pressed bolt provided with a serrated locking-face and made as hereinafter more fully described and claimed.

In the drawings, Figure 1 is a view of a sash and sash-frame in broken section provided with the invention. Fig. 2 is a side or edge view of a sash, and Fig. 3 is a detail view of the peculiar locking-bolt.

The side or stile A of a sash is formed with a vertical central recess, in which the corrugated locking-strip B is suitably secured. This strip I preferably make of flexible sheet metal, so that it can be readily bent or crimped into the corrugated form shown.

The locking-bolt C is made with a serrated or notched working-face, adapted to engage with two or more of said corrugations. It is secured in a transverse recess made in the contiguous jamb D of the sash-frame, and is formed spring-pressed as follows: The plate E has the bolts D and the thumb-piece F formed rigidly therewith, and both the latter pass through

their respective working-slots in the face-plate G. The spiral spring H is inclosed within the sleeve *h* formed on the thumb-piece, and by reason of its inner end bearing against the face-plate and its outer end bearing against the head of the thumb-piece the latter is forced outward. Since the face-plate is secured within the recess of the jamb, so as to be stationary therein, while the inner plate is left free for reciprocating horizontal movement, it follows that the movement of the thumb-piece F carries with it the inner plate, E, and the bolt D.

I am aware that it is old to use the combination, with a corrugated locking-strip, of a serrated-faced bolt which engages therewith, and hence I do not claim the same; but my invention consists in the improvement set forth in the claim.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, with a corrugated locking-strip secured within a vertical central recess in the sash, of a sash-fastener, which consists of bolt D, having a serrated working-face, inner plate, E, thumb-piece F, and fixed slotted plate G, said thumb-piece provided with spiral spring H and inclosing-sleeve *h*, all constructed and adapted to operate substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 19th day of January, 1878.

SYLVESTER ROOT.

Witnesses:

L. ROOT,
M. E. HARDISTY.