

(No Model.)

G. L. NORRMAN.
Sash Fastener.

No. 237,892.

Patented Feb. 15, 1881.

Fig. 1.

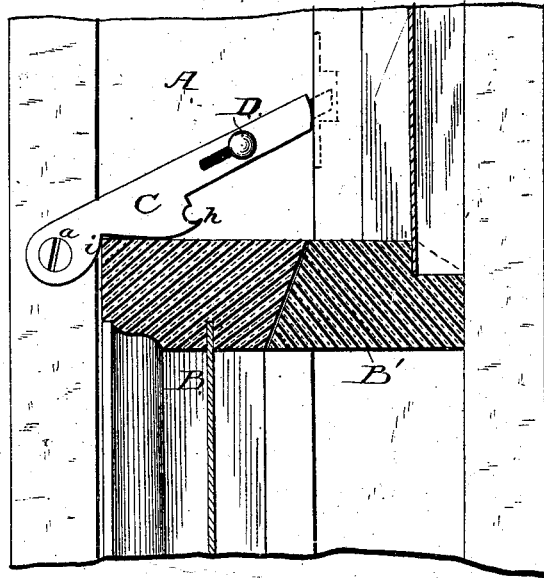


Fig. 2.

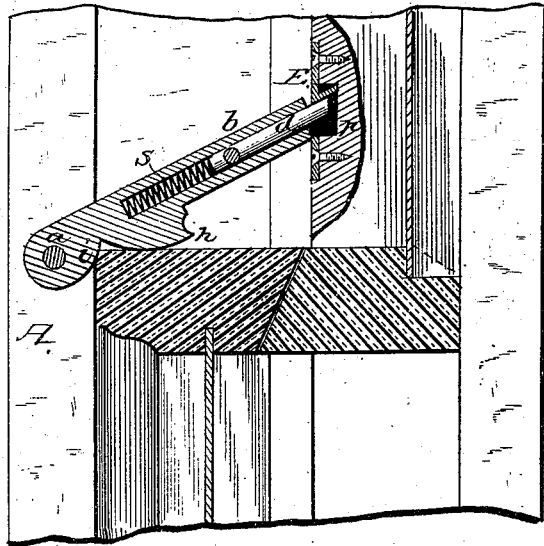
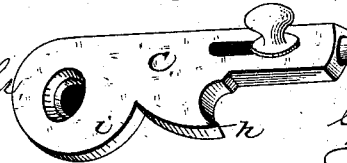


Fig. 3. D.

Attest;

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UNITED STATES PATENT OFFICE.

GOTFRID L. NORRMAN, OF SPARTANBURG, SOUTH CAROLINA.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 237,892, dated February 15, 1881.

Application filed December 30, 1880. (No model.)

To all whom it may concern:

Be it known that I, GOTFRID L. NORRMAN, of Spartanburg, in the State of South Carolina, have invented certain Improvements in Sash-Fasteners; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a view of the lock in elevation, the window-sash being in section. Fig. 2 is a vertical section through the fastening-bolt. Fig. 3 is a perspective view of the fastening-bolt detached.

The object of my invention is to provide a cheap and easily-attached sash-fastener for windows; and my invention consists of a pivoted bolt, hollow near its end, and bearing a telescoping supplemental spring-bolt controlled by a knob projecting through a slot, said supplemental bolt springing into a socket in the upper sash, when locked, and the main bolt being provided with a cam-shaped projection, which crowds one sash against the other when the device is locked, and insures a tight joint.

In the said drawings, A represents the frame of the window, and B B', respectively, the upper and lower sash. Pivoted to the window-frame at *a* is a fastening-bolt, C, made as shown, its free end being hollow to receive a

supplemental telescoping bolt, *d*, behind which lies a spring, *s*. A knob, D, attached to bolt *d*, passes through a slot in bolt C to enable the retraction of bolt *d*. Set into the upper sash is the escutcheon E, provided with a proper opening to form a socket, *p*, to receive the end of bolt *b*.

The lower side of bolt C is provided with a projection, *h*, having approximately a horizontal lower face which rests on the top of the lower sash. The portion of bolt C between the pivot *a* and the lower sash is eccentric to the pivot *a*, as seen at *i*, so that when bolt C is brought down to a position where bolt *d* will catch in socket *p* the cam or eccentric portion *i* bears against the lower sash and crowds it against the upper sash, so as to make a tight joint between the sashes.

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

The improved sash-fastener consisting of the pivoted bolt C, provided with the telescoping spring-bolt *d* adapted to enter socket *p*, the projection *h*, to fit on top of the lower sash, and the cam *i*, substantially as described, for the purpose set forth.

GOTFRID L. NORRMAN.

Witnesses:

S. J. SIMPSON,
F. M. TRIMMIN.