

C. F. ALLEN & W. H. SCHULTZ.
Sash-Fasteners.

No. 157,668.

Patented Dec. 15, 1874.

Fig. 1.

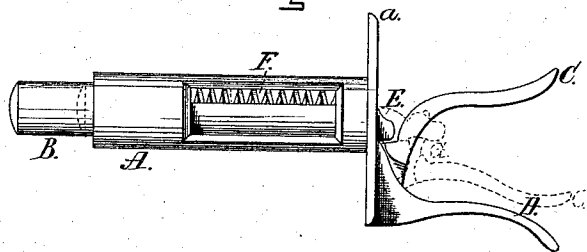


Fig. 3.

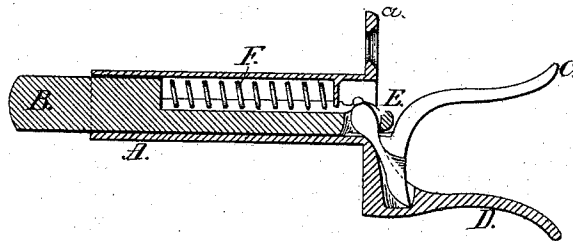
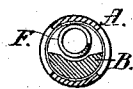


Fig. 2.



WITNESSES:
H. E. Metcalf,
J. S. Parsons,

INVENTOR
Charles F. Allen,
Wm. H. Schultz,
By C. A. Shaw, Atty.

UNITED STATES PATENT OFFICE.

CHARLES F. ALLEN AND WILLIAM H. SCHULTZ, OF WORCESTER, MASS.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. **157,668**, dated December 15, 1874; application filed June 30, 1874.

To all whom it may concern:

Be it known that we, CHARLES F. ALLEN and WILLIAM H. SCHULTZ, of Worcester, in the county of Worcester, State of Massachusetts, have invented a certain new and useful Improvement in Window-Fasteners, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which our invention appertains to make and use the same, reference being had to the accompanying drawing, forming a part of this specification.

Our invention relates to that class of window-fasteners which are designed to be inserted in or attached to the side rail of the window; and consists in a novel construction and arrangement of the parts, as hereinafter more fully set forth and claimed.

Figure 1 is a plan view of our improved window-fastener. Fig. 2 is a cross-section thereof; and Fig. 3 is a longitudinal section, mainly in section, showing the details of construction.

In the drawing, A is the case or body of the fastener; B, the bolt, and C the bolt-lever. The bolt is hollow, and is provided with the interiorly-arranged coiled spring F, one end of which rests upon a step in the case A, and the other against the inner end of the bolt. The case is cylindrical in form, and is provided with the fixed thumb-piece D, and also with the flange or projection *a*, in which there is a screw-hole for attaching the fastener to the window. The lower end of the lever C is pivoted or works in a socket in the part D, and is provided on its upper side with the projection E, which fits in a recess in the projecting end of the bolt B, in such a manner that when the lever is depressed the bolt will be with-

drawn. The dotted lines G represent the position of the lever C when the bolt is withdrawn by depressing the lever.

From the foregoing the nature and operation of our invention will be readily understood by all conversant with such matters.

It will be observed that our improved fastener consists of but four parts, so constructed and arranged as to be inserted in the rail of the window by boring a single hole with an ordinary bit or auger, and that the case A, part D, and flange *a* are formed in one piece. This greatly simplifies and reduces the cost of the article, and facilitates attaching it.

We are aware that in the rejected applications of F. G. Simpson, filed September 24, 1867, and Charles F. Allen, filed May 26, 1871, sash-fasteners are described having bolts and springs; but their inventions are essentially different from ours. We therefore claim nothing shown or described in either of said rejected applications, when in and of itself considered.

Having thus described our invention, what we claim is—

The window-fastener described, consisting of the cylindrical case A, provided with the thumb-piece D and flange *a*, the hollow bolt B, provided with the spring F, and the lever C, provided with the projection E, constructed and arranged to operate substantially as and for the purpose specified.

CHARLES F. ALLEN.

WILLIAM H. SCHULTZ.

Witnesses:

FRANK D. ALLEN,
SARAH B. SCHULTZ.