

S. D. ARNOLD.

Fastenings for Meeting Rails of Sashes.

No. 116,006.

Patented June 20, 1871.

Fig. 1.

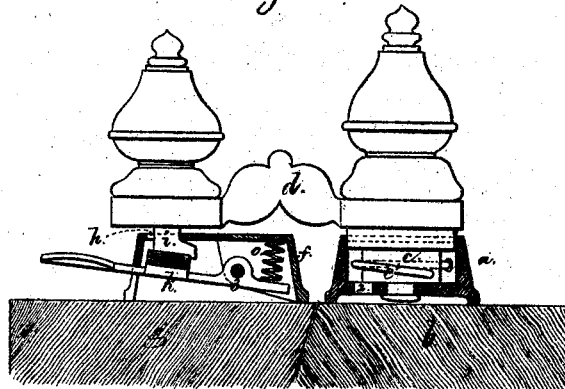
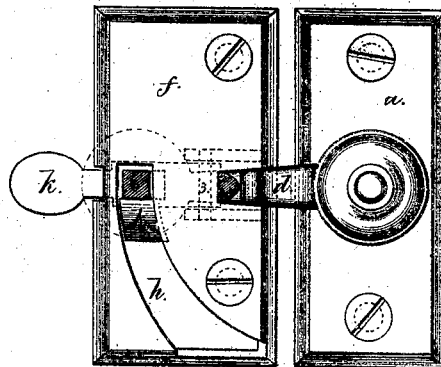


Fig. 2.



Witness.

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UNITED STATES PATENT OFFICE.

STEPHEN D. ARNOLD, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO P. & F. CORBIN, OF SAME PLACE.

IMPROVEMENT IN FASTENINGS FOR MEETING-RAILS OF SASHES.

Specification forming part of Letters Patent No. 116,006, dated June 20, 1871.

To all whom it may concern:

Be it known that I, STEPHEN D. ARNOLD, of New Britain, in the county of Hartford and State of Connecticut, have invented and made an Improvement in Sash-Fastenings; and the following is declared to be a correct description thereof:

This invention relates to a sash-fastening in which the swinging lever is thrown back by a spring, and a latch is employed to retain the lever when the window is fastened. The latch is inclosed within a box that is slotted for the catch of the lever to swing in.

In the drawing, Figure 1 shows the lever in elevation and the boxes that fasten to the meeting-rails in section; and Fig. 2 is a plan with part of the lever removed.

The box *a* is screwed to the meeting-rail *b*, and receives the hub *c* of the lever *d*, and around this hub *c* is a spring, *c'*, that acts to throw the lever back out of the way when the window-fastening is opened. A downward projection from the hub *c*, passing into the quarter-circle slot 2, limits the movement of the lever *d*. The box *f* is screwed to the meeting-rail *g*, and contains a slot, *h*, in which the projection *i* upon the under side of the lever *d* moves as the le-

ver is swung. This projection is made as a hook to catch beneath the plate forming the upper part of the box *f* so as to draw the sashes together. The latch *k* is placed within the box *f*. It is mounted upon the fulcrum 3, and thrown up by the spring *o*. This latch catches the projection *i* and holds the lever *d* when turned to fasten the window. The end of the latch *k* projects from the box *f*, so that it may be depressed to unlatch the lever *d* and allow the spring *c'* to throw the same back in unfastening the window.

In this construction of sash-fastening the latches and springs are inclosed so that they are protected, and the boxes and lever can be made more or less ornamental.

I claim as my invention—

The latch *k* within the box *f*, and projecting therefrom as shown, in combination with the lever *d*, projection *i*, spring *c'*, and box *a*, as and for the purposes set forth.

Signed by me this 6th day of May, A. D. 1871.

S. D. ARNOLD.

Witnesses:

CHARLES PECK,
WILLIS G. LAMB.