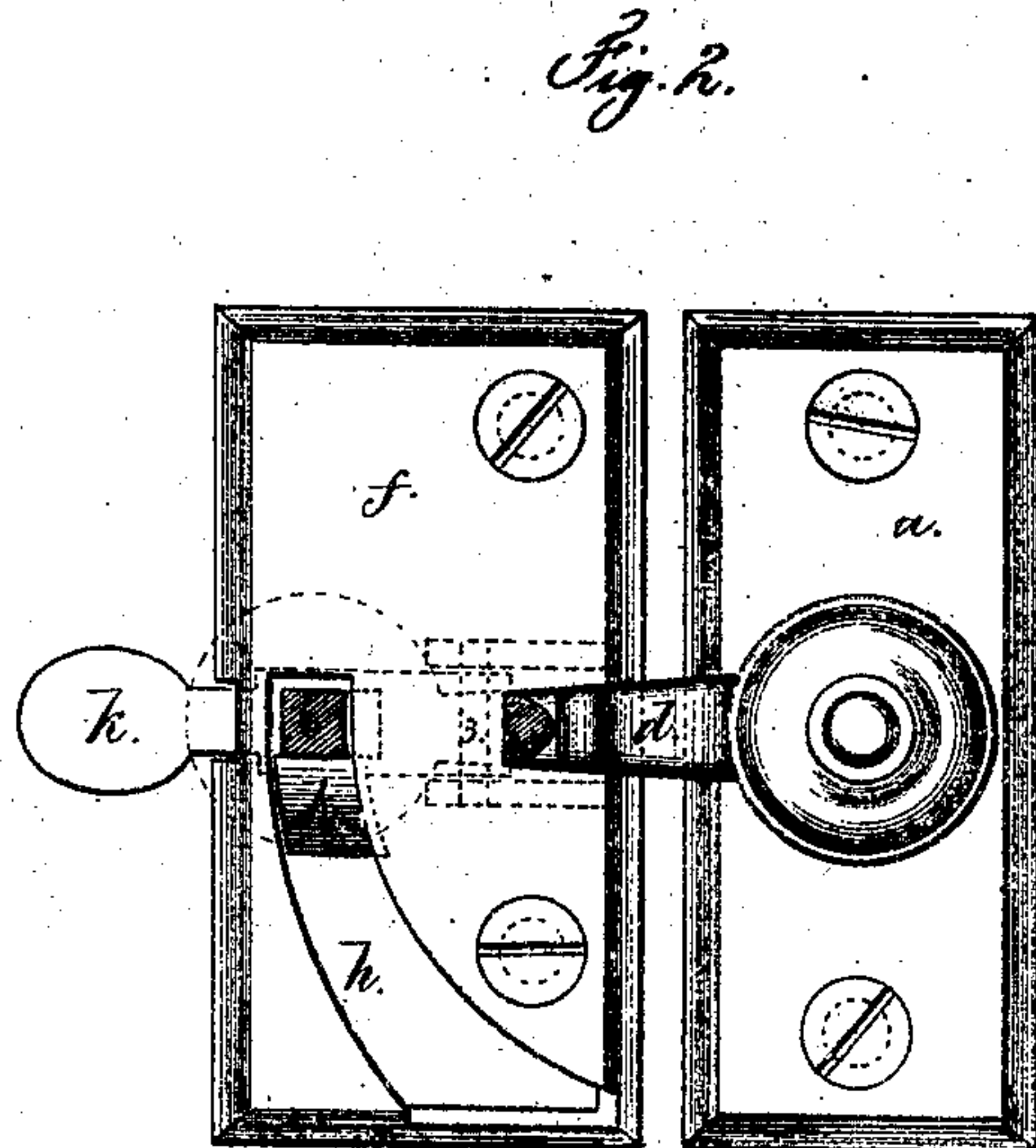
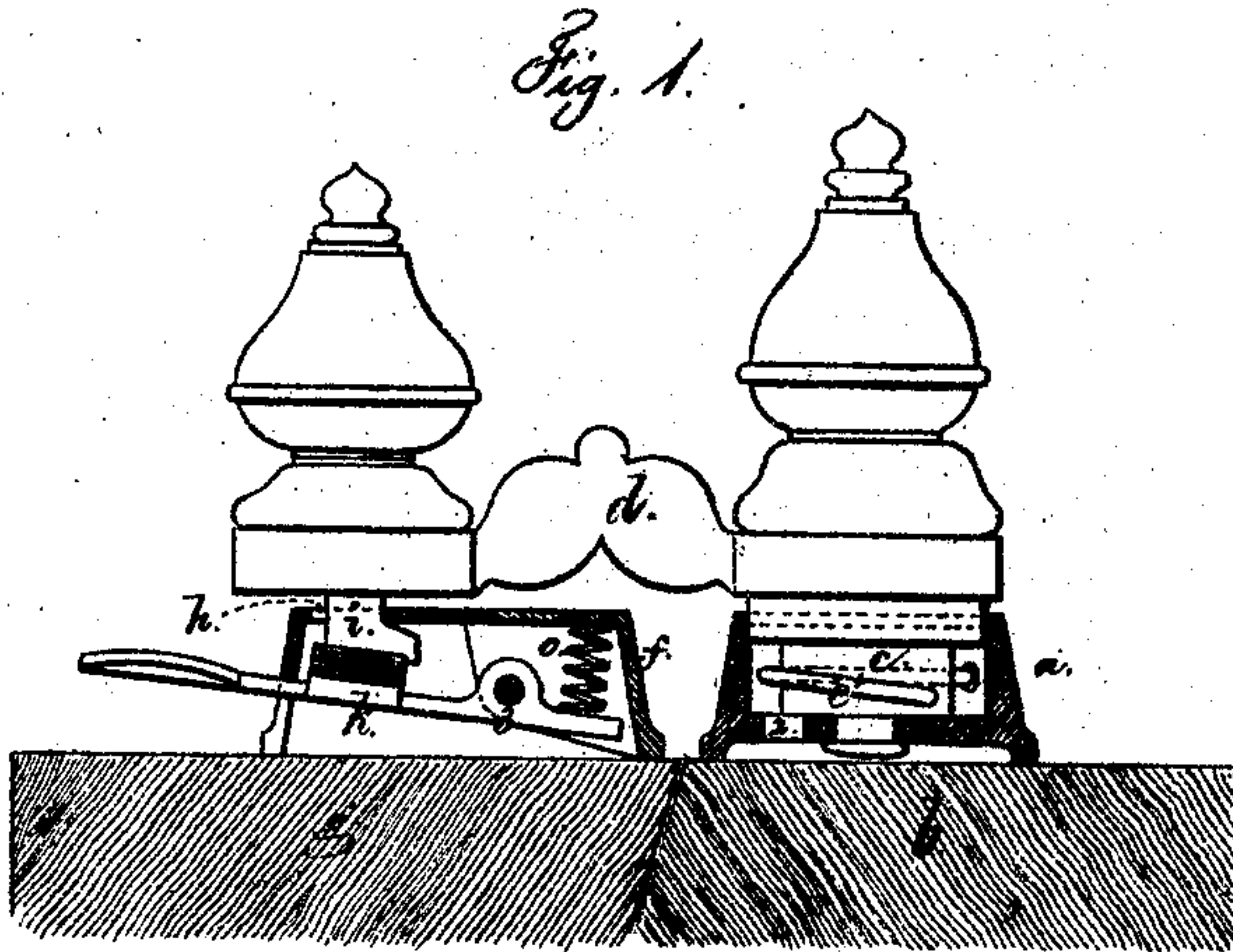


S. D. ARNOLD.

Fastenings for Meeting Rails of Sashes.

No. 116,006.

Patented June 20, 1871.



Witness.

Chas. H. Smith
Harold Perrell

Stephen D. Arnold.

Emuel M. Perrell
att'y.

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.