(No Model.)

A. L. LONG & W. S. BARAGER.

SASH FASTENER.

No. 348,631. Patented Sept. 7, 1886.

Fig. 1.

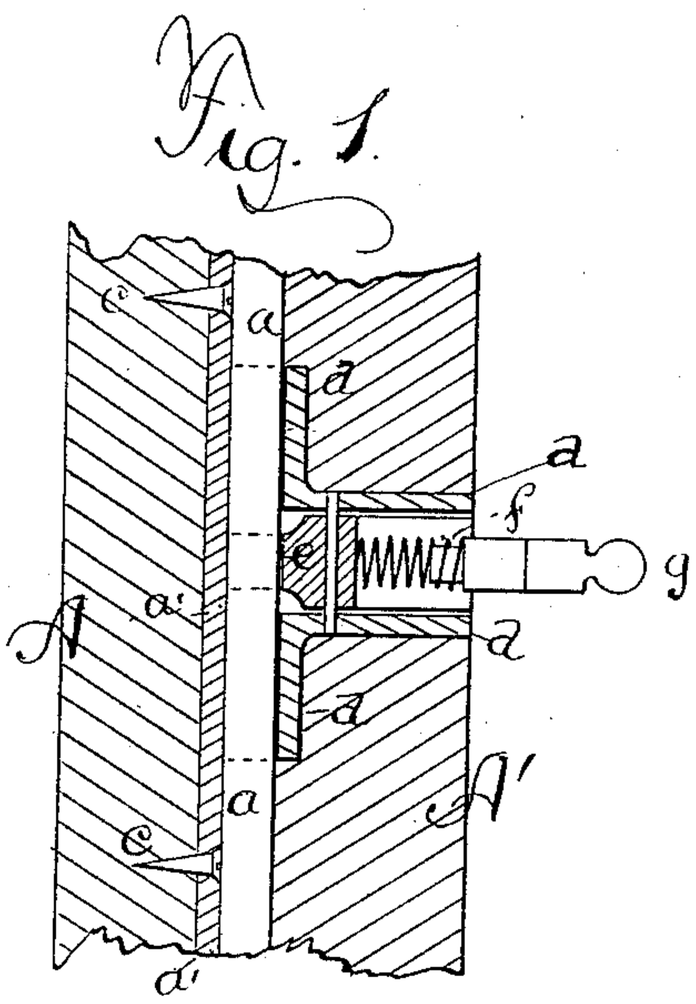


Fig. 2.

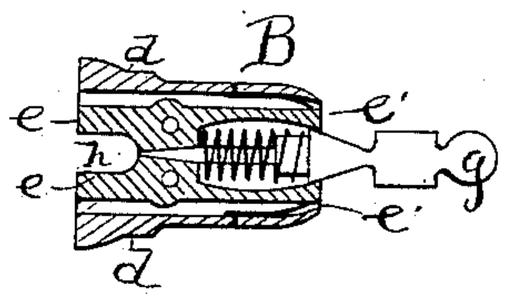


Fig. 3.

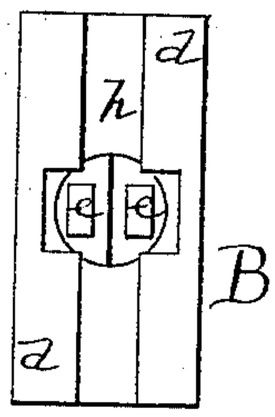


Fig. 4.

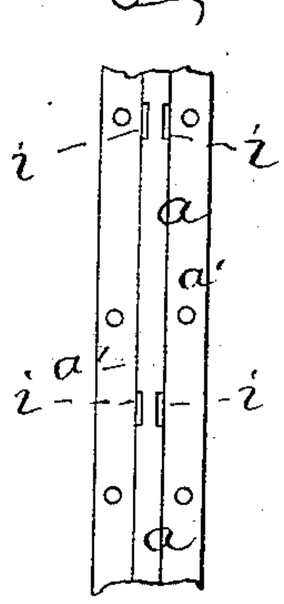


Fig. 5

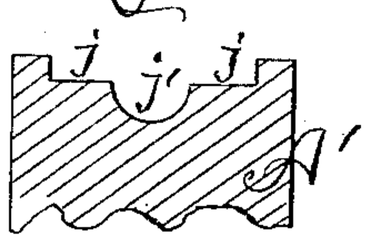
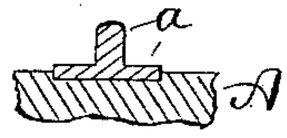


Fig. 6.



Witnesses:
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Inventors, by
J. R. Drake, Atty.

UNITED STATES PATENT OFFICE.

ANDREW L. LONG AND WINFIELD S. BARAGER, OF DALTON, NEW YORK.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 348,631, dated September 7, 1886.

Application filed December 17, 1885. Serial No. 185,878. (No model.)

To all whom it may concern:

Be it known that we, ANDREW L. LONG and WINFIELD S. BARAGER, both citizens of the United States, residing at Dalton, in the county of Livingston and State of New York, have invented certain new and useful Improvements in Window-Fasteners and Devices Connected Therewith; and we do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The invention as constructed and applied will be understood by reference to the following specification and claims.

In the drawings, Figure 1 is a side elevation showing part of a window and casing with the locking device (full size) in position, all in vertical cross-section; Fig. 2, locking device separate, in cross-section, in opposite direction from that in Fig. 1; Fig. 3, bottom plan of locking device, full size; Fig. 4, front elevation of a section of the locking rail or track removed from casing; Fig. 5, end view in section of window-sash, showing the slots and grooves therein; Fig. 6, end view in cross-section of the locking-rail and window-casing, in size corresponding to Fig. 4.

A represents the window-casing, and A′ the sash.

a is a metal track or rail in the shape of an inverted T, (see Fig. 6,) setting in the casing A, as in Figs. 1 and 6, the flanges *a′* thereon setting in a slot cut therein, and held by screws *c c*, as in Fig. 1. The surface of this track is rounded, as in Fig. 6.

B is a combined stop and fastener or locking device, which is set in an opening in the sash A′, as in Fig. 1. It consists of a metal case, *d*, having two pivoted jaws, *e e*, therein, the lower jaws inclosing the sides of the track *a*, and conforming in shape thereto, the upper ends or legs, *e′ e′*, inclosing a spiral spring, *f*, and into said spring sets the finger-piece *g*, which is beveled off from where the ends of the legs *e′* strike it, so that when pressed in it pushes the spring down on its seat, throwing the jaws *e e* apart and from the track *a*, and allowing the window to be pushed up or down; but, when the piece *g* is released, the spring throws back, and the jaws *e e* again hug the track, keeping the window just where left. In addition, so as to securely lock the window, slots *i i* are cut in the side of the rail *a* at certain distances apart, (see Fig. 4,) so that the jaws *e e* catch therein and lock the window, so that, from the outside, the window cannot be pushed higher or lower. This allows the windows to be locked at any height. The tracks *a* are removable by taking out screws *c c*, to allow the windows to be taken out.

The bottom of the combined stop and fastener B is grooved out lengthwise, as at *h*, (see Figs. 2 and 3,) so as to inclose the sides of the track *a*, and the sash A′ is slotted its whole length, as at *j*, and in the center is a rounded-out groove, *j′*, so that the track *a* and its flanges *a′* will fit exactly and move smoothly therein. An important advantage in cutting these slots and grooves is that it makes so many joints as to render the window almost wholly air and dust tight.

We claim—

1. The combined window stop and fastener B, constructed as described, set in the window-sash A′, and in combination with the track *a a′*, set in the casing A, all substantially as specified.

2. The combination of a window-sash, A′, having the square-cut slot *j*, and rounded groove *j′*, the casing A, rail *a a′*, and the combined stop and fastener B, all arranged and operating substantially as specified.

3. The casing A, with the track *a a′* set therein, and having the series of slots *i i* cut in said track, in combination with the sash A′ and the combined stop and fastener B, all constructed, arranged, and operating substantially as specified.

In testimony whereof we affix our signatures in presence of two witnesses.

ANDREW L. LONG.
WINFIELD S. BARAGER.

Witnesses:
GEO. W. DAGGETT,
H. C. ELWOOD.