

H. A. CROSBY & M. W. THOMPSON,
G. F. THOMPSON, Jr., Adm'r of M. W. THOMPSON, dec'd.
Sash Stop and Lock.

No. 220.809.

Patented Oct. 21, 1879.

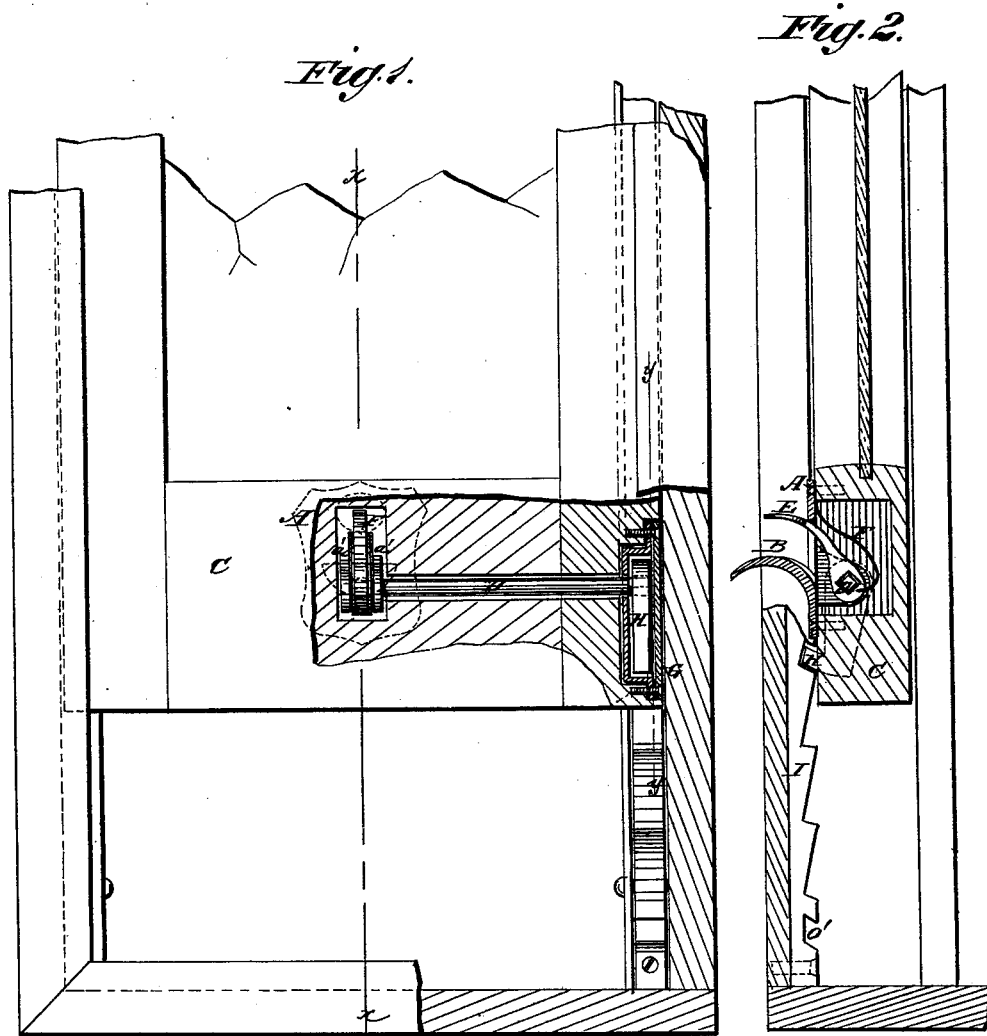
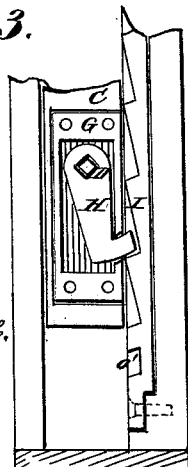


Fig. 3.



WITNESSES:

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INVENTOR:

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UNITED STATES PATENT OFFICE.

HARTWELL A. CROSBY AND GEORGE F. THOMPSON, JR., (ADMINISTRATOR
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IMPROVEMENT IN SASH STOP AND LOCK.

Specification forming part of Letters Patent No. 220,809, dated October 21, 1879; application filed
March 28, 1879.

To all whom it may concern:

Be it known that HARTWELL ALEXANDER CROSBY and MICHAEL W. THOMPSON, of St. John, in the Province of New Brunswick, did invent a new and Improved Sash Stop and Lock, of which the following is a specification.

Figure 1 is a rear view of the stop and lock in position on a window-sash, the sash being broken away to show the same. Fig. 2 is a cross-section on line *xx*. Fig. 3 is an elevation, showing the lock and rack.

Similar letters of reference indicate corresponding parts.

The object of this invention is to provide a more simple and durable sash stop and lock than any of those now in use.

The invention consists of the shield A, that carries the hook B, and is fastened on the lower part of the sash C. A quarter-inch hole (or thereabout) is bored through this part of the sash from its side to the center, where the shield is attached, and through this hole the rod D is passed. One end of this rod enters the eyes of the two lugs *a' a'*, that project rearward from the shield, and also through the eye of the thumb-piece E, that is located between the lugs *a' a'*, and as the rod is round where it enters the eyes of the lugs *a' a'* it turns readily in them, while, being square where the thumb-piece is fitted on it, it may be turned by the thumb-piece.

A bent spring, F, whose function is to keep the thumb-piece pressed upward, and consequently the pawl H engaged in the rack I, has one end fastened in the upper edge of its rear portion, while the free end presses against the inside face of the shield.

Set within the edge of the sash is the box or lock G, made in two parts, that are held to-

gether by pins or screws, as shown. Into this lock the other end of the rod D is projected, and carries on its square shoulder the pawl H.

When the thumb-piece E is held up by the spring F the pawl H engages in the rack I, that is fastened on the inner edge of one of the front sash-stops, and thereby holds the window-sash in whatever position it may be placed, preventing it, too, from rattling or jarring. By pressing down on the thumb-piece the pawl is disengaged from the rack, and the window-sash may be pulled down and closed, and then, when released, the pawl will enter the deep cut or hole O' in the rack and hold the window down, so that it cannot be opened from the outside.

Wishing to close a window provided with this device, one has only to reach up and pull down on the thumb-piece. If the window be partly open and it is desirable to raise it higher, one has only to push it up, and the pawl will hold it at any point.

All the parts of this device except the spring are preferably made of brass, nickel-plated or bronzed.

Having thus described the invention, we claim as new and desire to secure by Letters Patent—

A sash-fastener consisting of the shield A, having lugs *a' a'*, the hook B, the thumb piece E, the rod D, the spring F, the pawl H, and the rack I, all arranged substantially as shown and described.

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Witnesses:

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