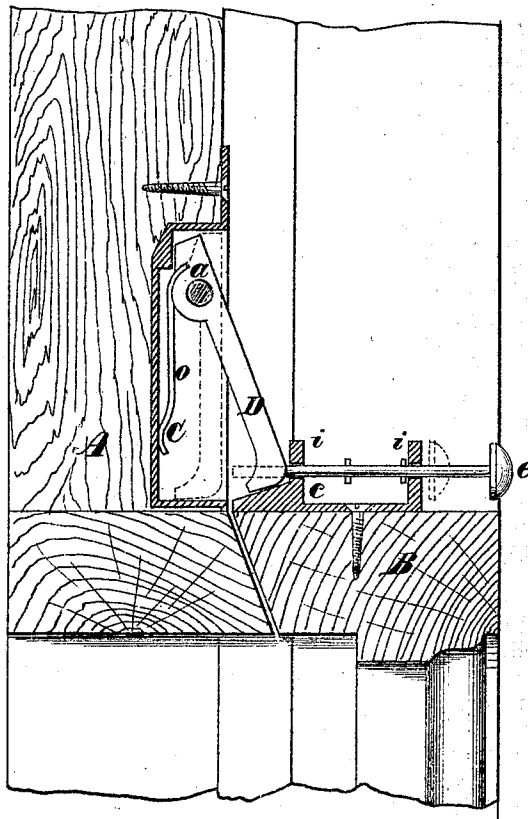


JAMES M. CROSSMAN & GEORGE SAM RICE.

Improvement in Fasteners for the Meeting Rails of Sashes.

No. 120,419.

Patented Oct. 31, 1871.



Witnesses.

Wm White Wilson.
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James M Crossman.
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UNITED STATES PATENT OFFICE.

JAMES M. CROSSMAN, OF SOUTH ORANGE, NEW JERSEY, AND GEORGE SAM. RICE, OF TARRYTOWN, NEW YORK.

IMPROVEMENT IN FASTENERS FOR MEETING-RAILS OF SASHES.

Specification forming part of Letters Patent No. 120,419, dated October 31, 1871.

To all whom it may concern:

Be it known that we, JAMES M. CROSSMAN, of South Orange, in the State of New Jersey, and GEORGE SAM. RICE, of Tarrytown, in the State of New York, have made certain Improvements in Devices for Fastening or Securing Window-Sashes; and we declare the following to be a full and exact description thereof.

Our invention consists in a device to hold securely both sashes of a window at the same time, and so adjusted as to be automatic in securing the sashes when they are both closed.

The drawing filed herewith represents a side elevation of a section of our device.

A represents a vertical section of the lower part of an upper window-sash; B, a vertical section of the upper part of a lower window-sash. A and B are so placed as to represent both sashes closed. C represents a space or recess cut in the side rail of the upper sash A, within which the fastening device is secured and operated. D represents a bar or bolt hung or secured in a suitable metallic or other case or frame made to fit the sash-rail A in the recess C, within which the case or frame is properly secured by screws or otherwise. *a* is a pin, upon which the bolt D is suspended, and upon which it swings in or out of the recess, so as to unlock or to lock the sashes. *c* is a metallic plate, corrugated, plain, or beveled; and secured to the upper bar or rail of the lower sash B, upon which the bolt D rests when both

sashes are closed as they appear in the drawing. *e* represents a push-pin, passing through the standards *i i* which are secured to an extension of the plate *c*. The push-pin *e* bears upon the bolt D, and is used to push the bolt D back into the recess C, so that the upper sash may be lowered or the lower sash may be raised unobstructed by the bolt D. *o* represents a spring, by which, when the sashes are closed, the bolt D is thrown into the proper position for fastening or securing them.

When either sash is opened the bolt D will be held by the pressure of the side rail of the lower sash within the recess C, in the position shown by the dotted lines.

It is obvious that in place of the pin *a* a hinge-joint may be used for suspending the bolt D, and that various forms of springs may be used for throwing the bolt D into the proper position for fastening or securing the sashes.

What we claim as our invention, and desire to secure by Letters Patent, is—

The combination of the swinging bolt D, the spring *o*, the plate *c* with upright guides, and the push-pin *e*, arranged substantially as described, and for the purpose set forth.

JAMES M. CROSSMAN.
GEO. SAM. RICE.

Witnesses:

WM. WHITE WILSON,
W. T. COWENHOVEN.

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