E. B. BEACH.

Sash-Fastener.

No. 167,976. Patented Sept. 21, 1875.

Fig. 1.

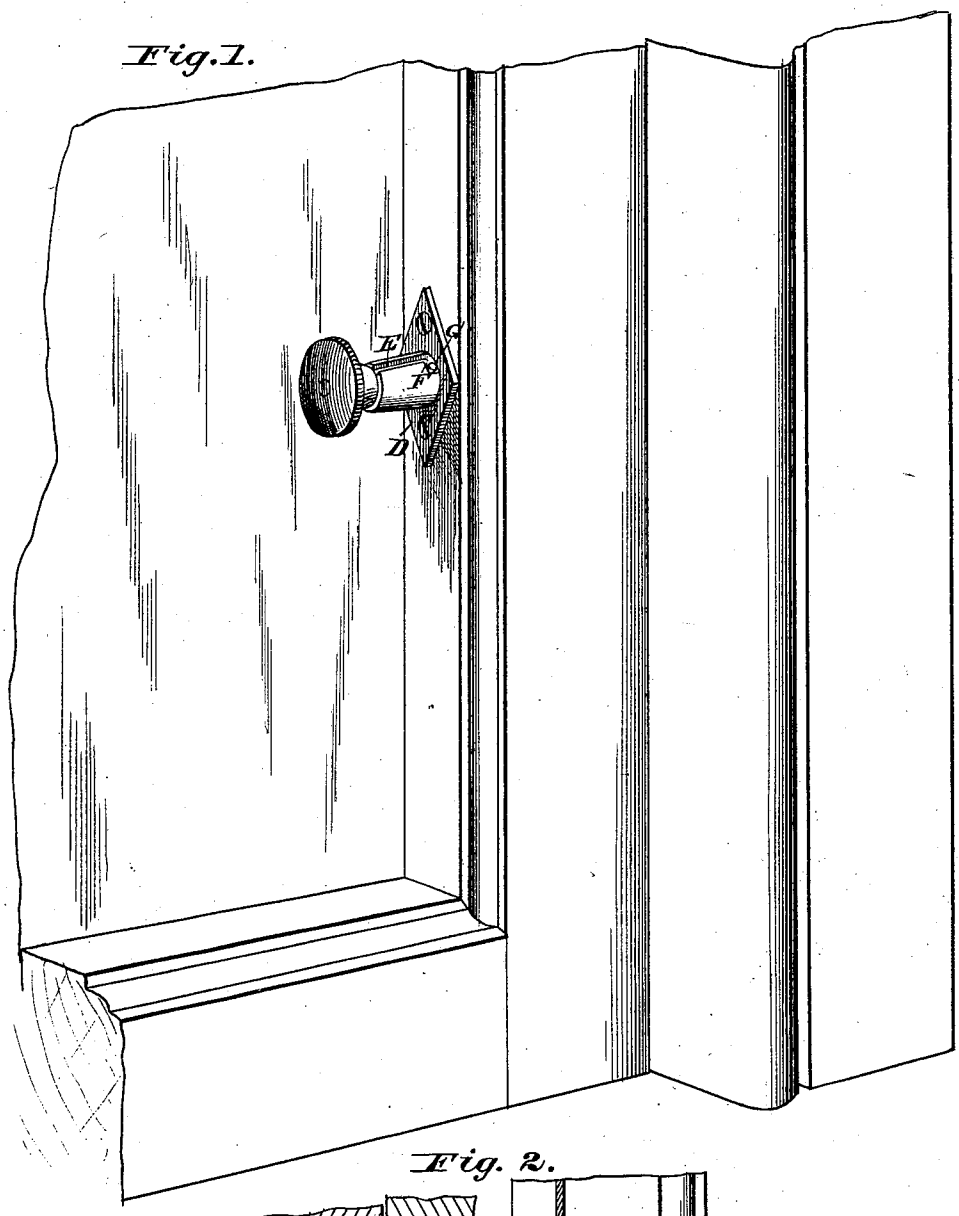
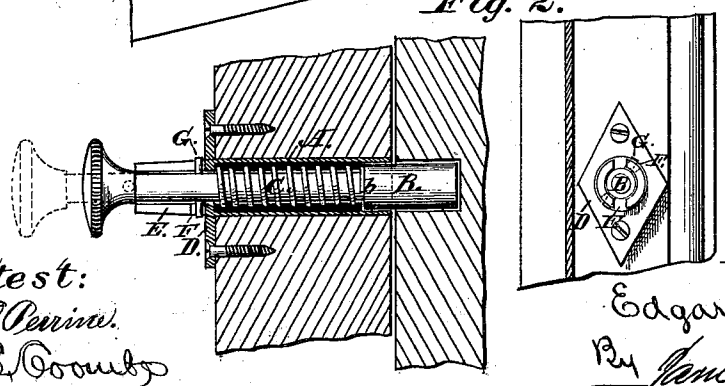


Fig. 2.



Attest:

H. L. Perrine.

W. G. Coombs

Inventor:

Edgar B. Beach

By James L. Norris, atty.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

EDGAR B. BEACH, OF WEST MERIDEN, CONNECTICUT, ASSIGNOR OF ONE-HALF HIS RIGHT TO HENRY B. BEACH, OF SAME PLACE.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. **167,976**, dated September 21, 1875; application filed August 25, 1875.

To all whom it may concern:

Be it known that I, EDGAR B. BEACH, of West Meriden, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Sash-Fasteners, of which the following is a specification:

This invention relates to certain improvements in that class of sash-fasteners consisting of a cylinder or tube adapted to be inserted through and fastened in the stile of the sash, and carrying a spring-bolt, which takes hold of or enters into the jamb of the window-frame, securing the sash in any desired position.

My invention has for its object to furnish a convenient locking device for fastening the bolt, either when inserted in the jamb or fully withdrawn from the same, the parts of which will always be exposed to view and under control without removing the apparatus from the stile, as is necessary in all apparatus of this class as hitherto constructed.

My invention consists in constructing the bolt-tube with a projecting end in front of the attachment-plate, slotted on opposite sides, to receive the ends of a cross-pin inserted through the bolt, and allow the same to be fastened over the extremity of the tube when the bolt is fully withdrawn, and also reversed for locking purposes, hereinafter more fully set forth.

In the drawing, Figure 1 is a perspective view of my improved sash-fastener applied to a window, and Fig. 2 a horizontal section and a front view, with the bolt-head removed, of the same.

The letter A represents the tube, and B the bolt, having a shoulder, *b*, near its inner end to receive the end of the spring C, and a finger-button on the outer end, by means of which it may be operated. D represents the plate by which the device is secured in the sash-stile, being provided with screw-holes for the purpose. The front end of the tube is made to project slightly beyond the front of the plate, said portion being provided on opposite sides with longitudinal slots E, near the bottom of which are cut recesses F. Through the bolt, near its outer end is inserted a pin, G, which works in the slots, and which may be thrown into the recesses F, for the purpose of locking the bolt in the jamb. When the bolt is fully withdrawn, so as to remove the pin G from the slots, it may be locked in position by turning until the pin engages or rests upon the extremity of the tube. By extending the front end of the tube forward, as described, the locking portions of the device are all brought upon the outside, where they can readily be observed and reached for the purpose of cleaning or repairing, should the slots become clogged with dirt or the pin break or become worn, without removing the device from the stile, as is necessary with all other devices of this class.

The device is secured in the sash-stile in the usual manner, by means of screws inserted through the attachment-plate, said plate setting in a recess formed for the purpose, so as to be flush with the outside of the stile.

This sash-fastener, constructed as above described, is also intended to be used in sashes having a center rail and but two glasses in a sash, and is a decided improvement and one greatly needed in this style of sashes. For use in this construction of sashes, the latter is provided with a hole at its bottom, which the end of the bolt enters.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The bolt-tube A, having a projecting end in front of the attachment-plate D, slotted and recessed, as hereinbefore described, in combination with the spring-bolt B and cross-pin G, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of the subscribing witnesses.

EDGAR B. BEACH.

Witnesses:

GEO. W. SMITH,

G. W. BAXTER.