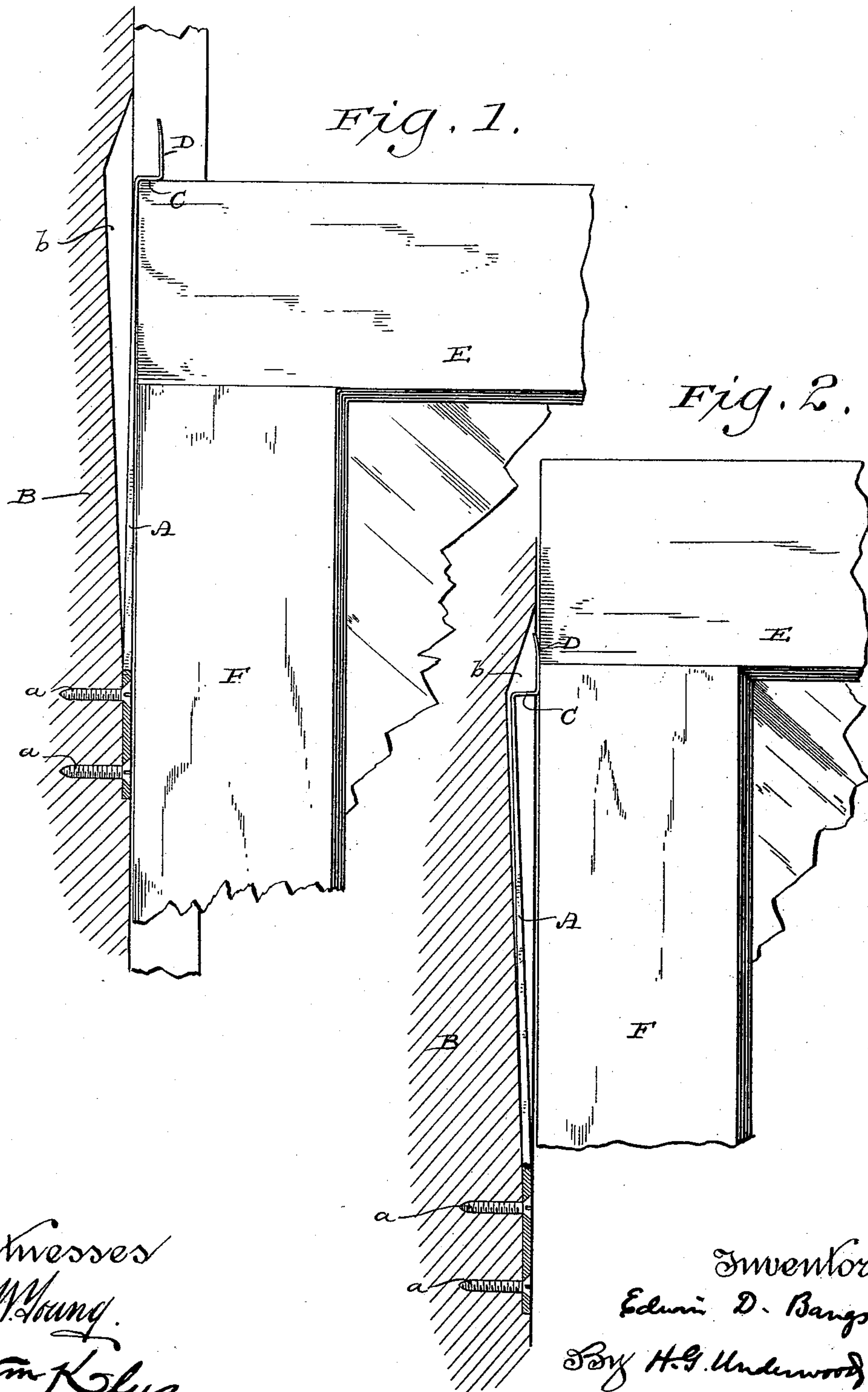


(No Model.)

E. D. BANGS.
SASH FASTENER.

No. 449,895.

Patented Apr. 7, 1891.



Witnesses
Geo. W. Young.
Wm. K. Klug

Inventor
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UNITED STATES PATENT OFFICE.

EDWIN D. BANGS, OF MILWAUKEE, WISCONSIN, ASSIGNOR OF TWO-THIRDS
TO MANNING H. CASE AND HAROLD G. UNDERWOOD, BOTH OF SAME
PLACE.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 449,895, dated April 7, 1891.

Application filed October 11, 1890. Serial No. 367,789. (No model.)

To all whom it may concern:

Be it known that I, EDWIN D. BANGS, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Window-Fasteners; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to attachments to window-frames; and it consists in certain peculiarities of construction, as hereinafter described, with reference to the accompanying drawings, and subsequently claimed.

In the drawings, Figure 1 represents a portion of a window casing and sash, and illustrates the application of my device in connection therewith, the sash being held in its closed position by the said device. Fig. 2 is a similar view showing the sash partly raised and held in that position by the aforesaid device.

Referring by letter to the drawings, my invention consists of a spring A of suitable material, adapted to be secured, as by screws *a*, to the frame or casing B, the former having its upper portion C bent laterally, so as to fit over the upper corner of the top rail E of the sash and hold the latter in position when closed, and having its end portion D struck up vertically to form a thumb-piece. The casing B is provided with a recess or groove *b*, adapted to receive the spring A.

To operate the device, the spring A is forced into the recess *b* by means of pressure on the vertically-struck-up portion D, when the sash may be raised, and the spring A will

then force the portion D against the side rail F of the sash, thereby holding it in its raised position. Upon lowering the sash the spring A resumes its natural position, and the laterally-bent portion C will automatically fit over the upper corner of the top rail E of the sash and secure the sash in its closed position.

By the construction above described I provide a simple self-adjusting locking device not liable to break or get out of order.

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

The combination, with a window casing and sash, of a vertical groove formed in the face of said casing adjacent to the sash, and a spring located in said vertical groove, said spring being permanently secured at one end to said casing within said groove and being bent laterally at its free end to form a shoulder and then upwardly to form a thumb-piece, said spring being arranged to bear against the side of the sash when the window is opened and to automatically fit over the cross-rail of the sash to lock the window when it is closed, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

EDWIN D. BANGS.

Witnesses:

H. G. UNDERWOOD,
WM. KLUG.