

(No Model.)

W. P. CLASON.

SASH HOLDER.

No. 280,292.

Patented June 26, 1883.

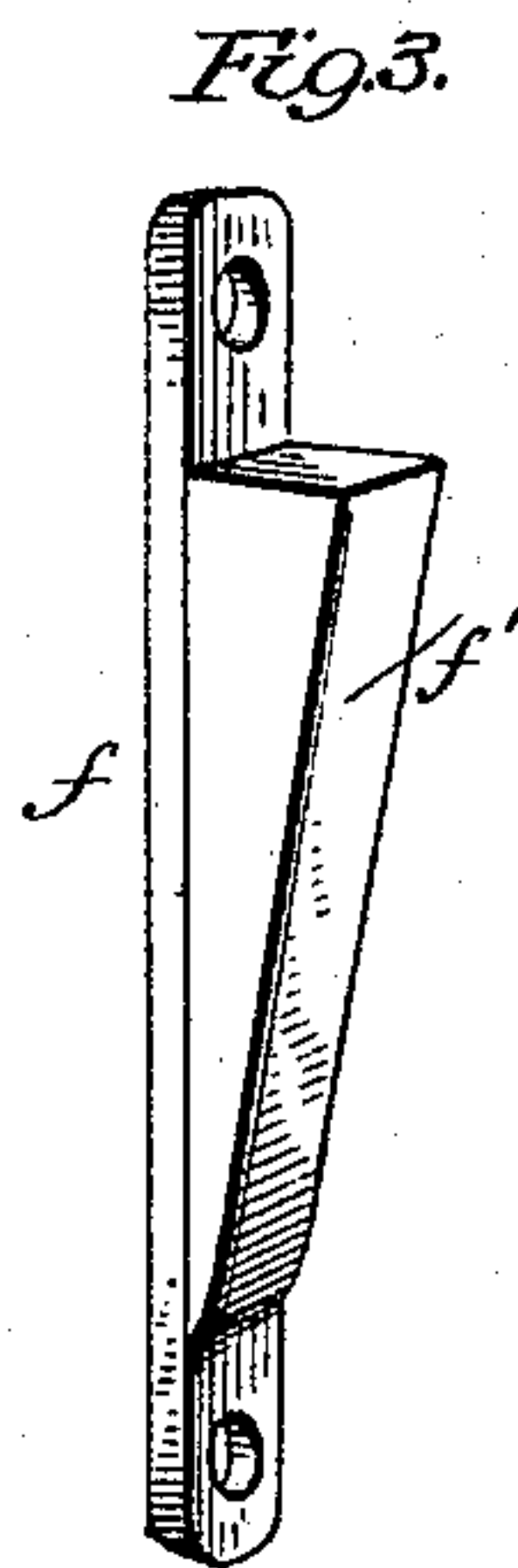
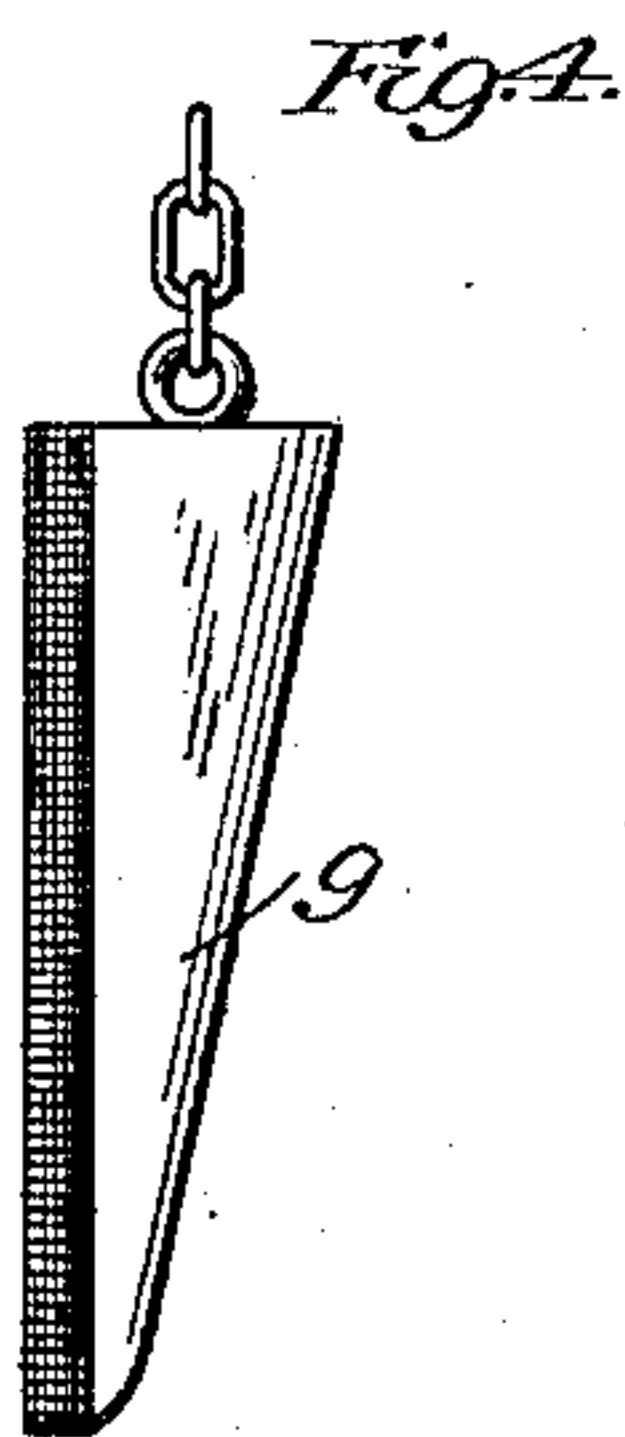
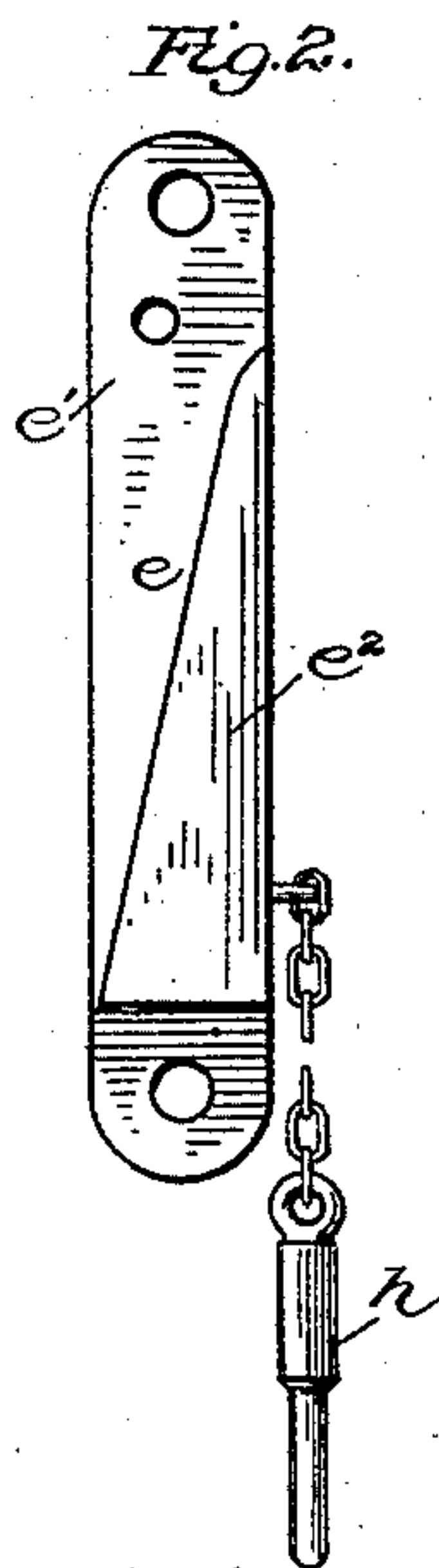
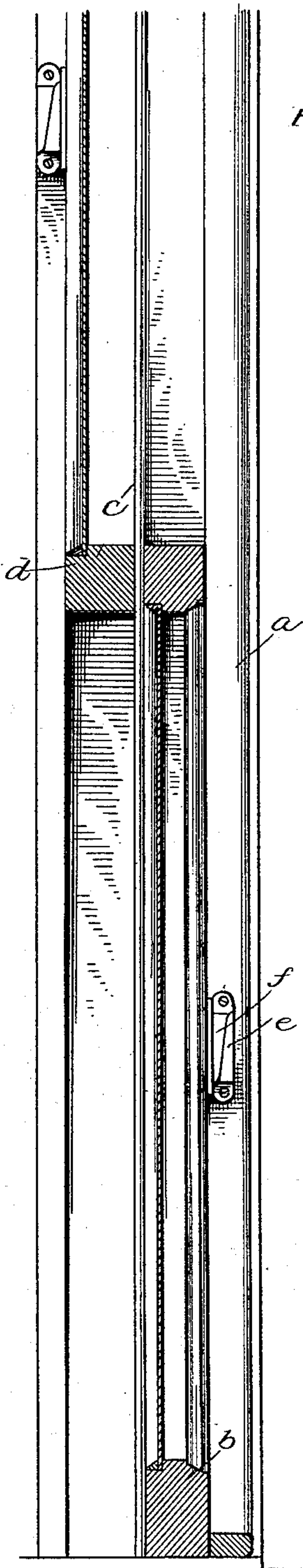


Fig. 1.



Attest:

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UNITED STATES PATENT OFFICE.

WILLIAM P. CLASON, OF UNITED STATES NAVY, ASSIGNOR TO JAMES G. BERRET, OF WASHINGTON, DISTRICT OF COLUMBIA.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 280,292, dated June 26, 1883.

Application filed May 7, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM P. CLASON, an officer of the United States Navy, at present stationed at Annapolis, in the county of Anne Arundel and State of Maryland, have invented a new and useful Improvement in Devices to Prevent the Rattling of Windows; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention relates to an improved device for preventing the jarring and rattling of loose window-sashes in their frames, the object of the invention being to provide a simple and cheap attachment to be permanently secured to the sash and frame, and to act automatically by the simple act of closing the sash.

The invention consists in the combination of two wedge-shaped stops, one permanently attached to the frame or casing, and the other secured to the sash, and adjusted relatively to the stop on the frame in such a manner that, when the sash is closed, it will be forced tightly into contact with the frame, preventing all jarring and rattling as well as the entrance of drafts.

In the accompanying drawings, Figure 1 is a sectional view of a window frame and casing with the improved stops in position at top and bottom. Fig. 2 is a side elevation of the stop for the casing. Fig. 3 is a perspective of the stop for the sash. Fig. 4 is a modification.

Referring to Fig. 1, *a* represents the bead secured to the window-frame, *b* the lower sash, *c* the parting-strip, and *d* the upper sash, all of the usual construction.

Upon the bead *a*, opposite the middle of the sash, is secured by screws a stop-plate, *e*. (Shown in detail in Fig. 2.) It consists of a flat plate, *e'*, upon which is formed an inclined projection, *e''*, which faces the side of the window-sash. When this plate is in position on the bead, the lower sash is closed, and the stop *f*, Fig. 3, which has an inclined projection, *f'*, is driven firmly into the space between the projection *e''* and the sash-frame. This forces the sash outward at that side against the parting-strip, making a tight joint. The proper position of the stop *f* having thus been ascertained, it is screwed to the sash-frame, so that the closing of the window will always

have the effect of wedging the two inclines and tightening the sash. A similar device is attached at the opposite side of the lower sash, and also to both sides of the upper sash, at the middle thereof. The window, when closed, is thus held firmly at all points, and as the action of the attachment is automatic it requires no attention.

It will be noted that the manner of attachment is of the simplest nature possible, dispensing with the necessity of mortising the frame or sash for the reception of the complicated and clumsy contrivances sometimes employed.

I have shown in Fig. 4 an auxiliary wedge, *g*, which may be suspended or attached by a chain so as to hang loosely. By means of this wedge interposed between the stop *e* and the sash, the sash may be held open at any point. The wedge *g* may be faced with rubber to give a secure hold and prevent abrasion of the paint or other finish.

The device may be used as a sash-fastener by passing a pin, *h*, through a small hole in the plate *e* above the stop *f*, which will prevent the sash from being raised from the outside. This device is illustrated in Fig. 2.

I am aware that devices to prevent the rattling of windows, consisting of a wedge-shaped stud operating in combination with a holding-roller, have been patented, and I make no claim broad enough to cover such devices; but,

Having described my invention, I claim—

1. The combination of one or more wedge-shaped or inclined stops adapted to be attached to the side of a window-casing, with reversed wedge-shaped or inclined stops adapted to be attached to the sash, whereby the sash is wedged and held, substantially as described.

2. Combined with the frame and sash and the stops *e* and *f*, the pin *h*, for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WM. P. CLASON.

Witnesses:

L. W. SEELY,
JOHN B. THOMPSON.