

(No Model.)

N. WILSON.
SASH FASTENER.

No. 313,638.

Patented Mar. 10, 1885.

Fig. 1.

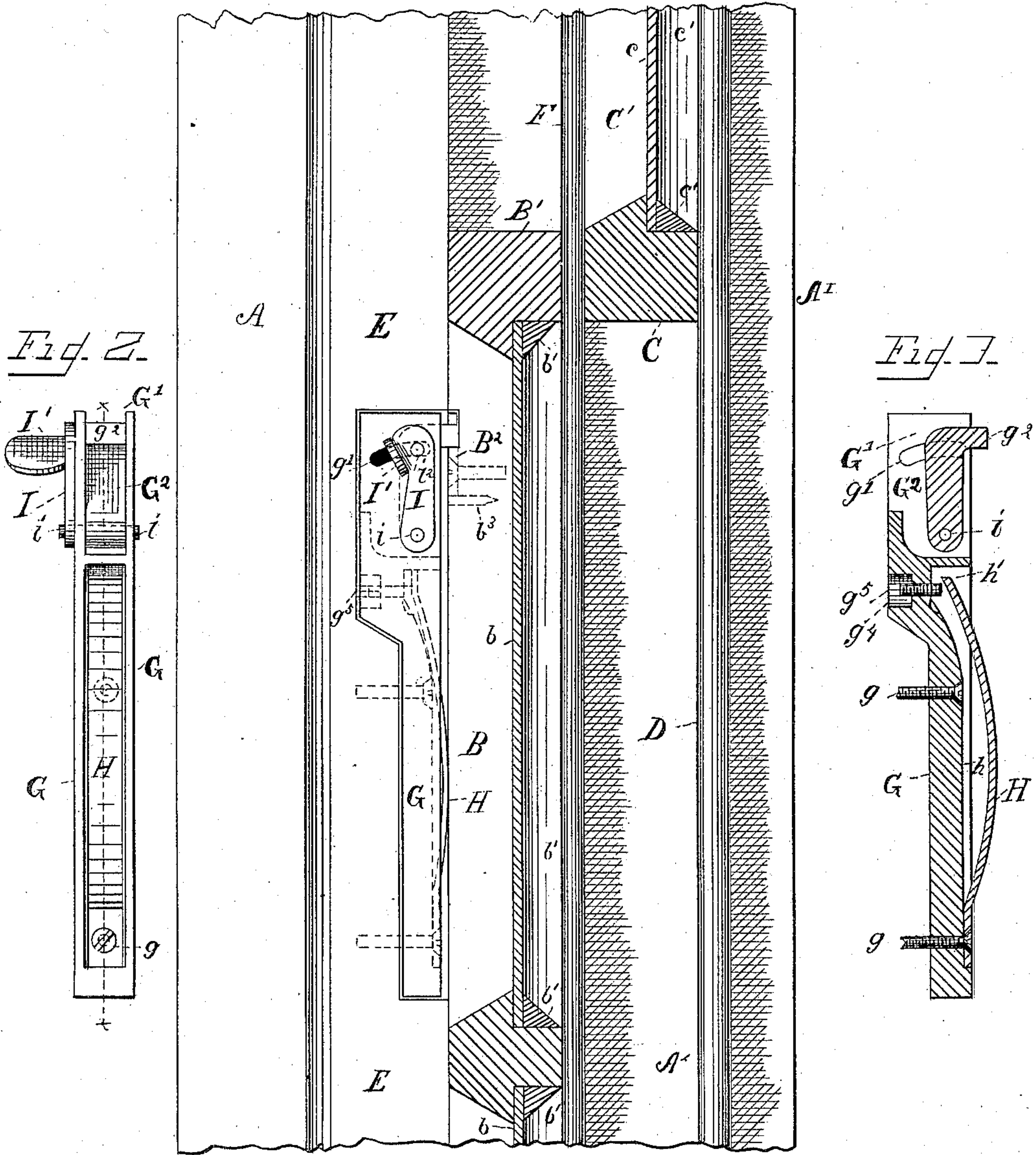


Fig. 2.

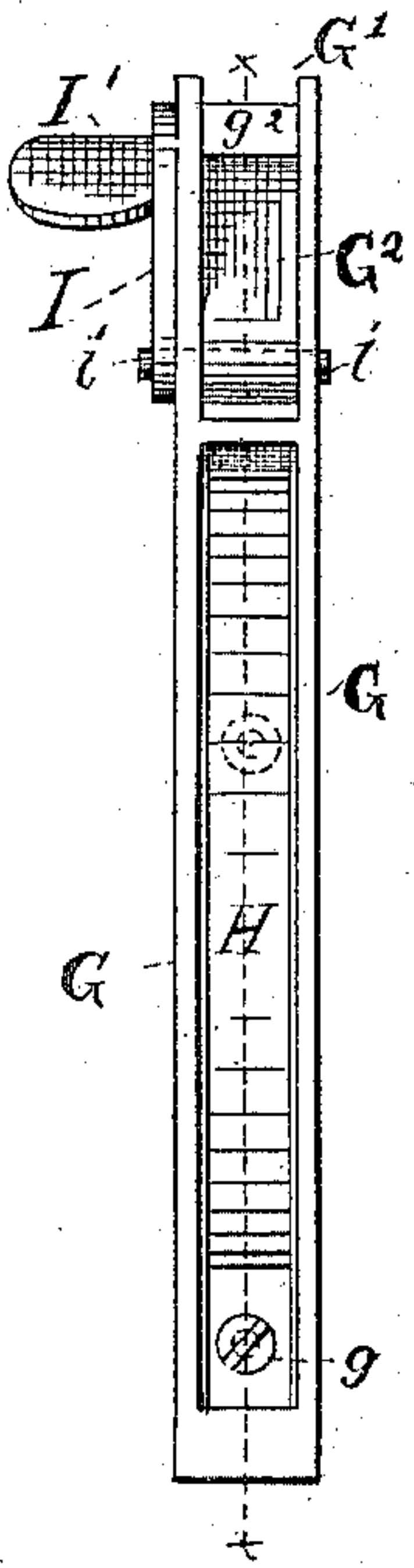


Fig. 3.

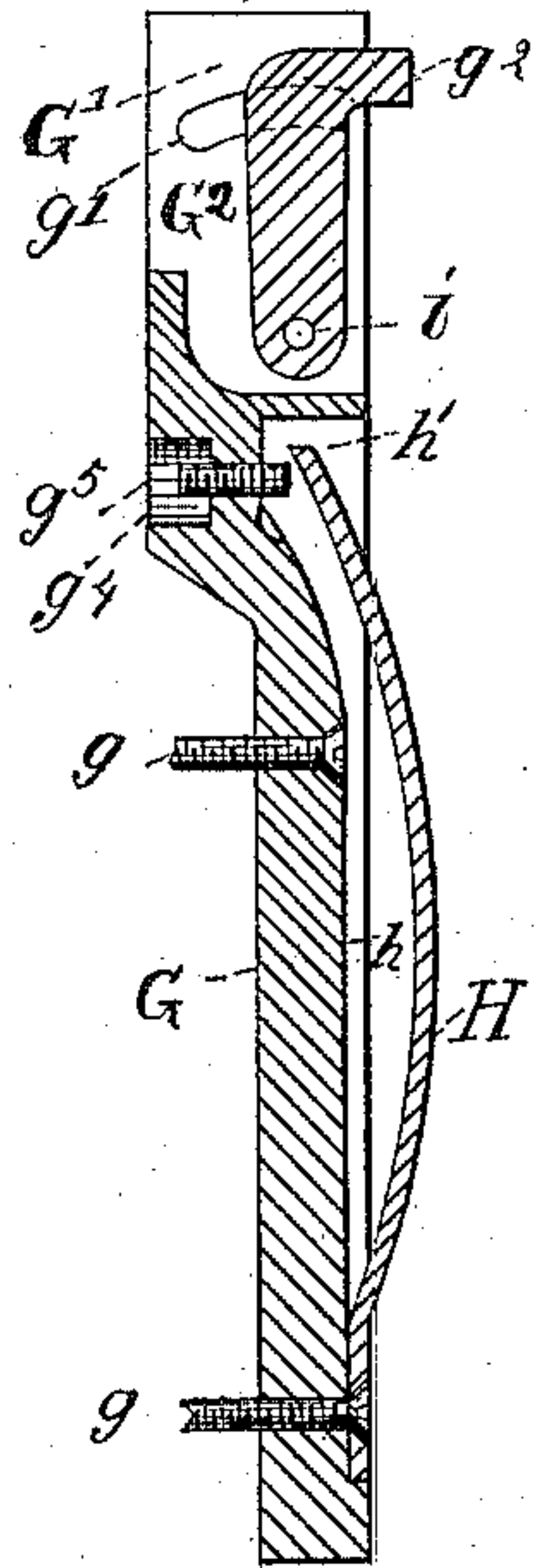
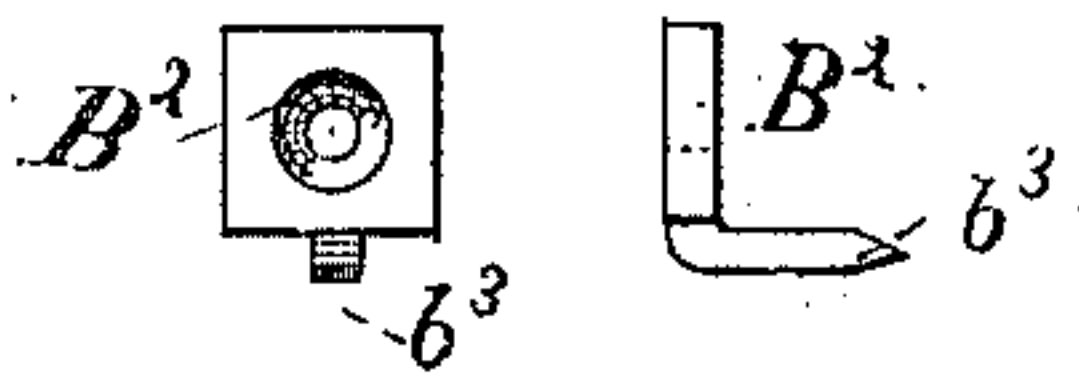


Fig. 4.



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NELSE WILSON, OF HUTTO, TEXAS.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 313,638, dated March 10, 1885.

Application filed November 24, 1884. (No model.)

To all whom it may concern:

Be it known that I, NELSE WILSON, a citizen of the United States, residing at Hutto, in the county of Williamson and State of Texas, have invented certain new and useful Improvements in Sash-Fasteners; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The object of this improvement is a sash-fastener that will lock the window-sash in position when down, and that can also be applied to holding the sash at different elevations when the window is opened. These results are attained by the mechanism illustrated in the drawings, herewith filed as part hereof, in which the same letters of reference denote the same parts in the different views.

Figure 1 represents a sectional view of a window provided with my improvement. Fig. 2 is a front elevation of my improvement detached. Fig. 3 is a section of the same, taken on the line $x x$ of Fig. 2. Fig. 4 represents minor features of the mechanism detached.

A A' is the window-frame. B B' is the inside sash. C C' is the outside sash. D is the outside weather-strip. E is the inside strip. F is the intermediate strip; and $b c$ represent glass panes in the inner and outer sashes secured in position in the usual manner by means of putty, referred to by the letters $b' c'$.

G is the sash-fastener, made of metal, and set into a correspondingly-formed recess in the edge of the weather-strip E, as shown in Fig. 1, and to which it is secured by screws g . The front of the sash-fastener is provided with a groove, h , and recess h' , for the reception of a spring, H, secured in position by the screw g , which is used to affix the fastener to the strip E. The fastener may also be applied to intermediate strip, F. The upper end of the fastener G is recessed, as shown at

G', for the reception of a latch, $G^2 g^2$, supported by a pivot, i .

I is a plate having a flange, I', and secured at its lower part to the pivot i , and connected at its upper part with the latch $G^2 g^2$ by means of a transverse pin, i^2 , which projects into and moves in slots g' in each side of the upper end of the fastener, which is provided at its back part with a circular recess, g^4 , provided with a square-headed screw, g^5 , for the purpose of governing the tension of the spring H by causing its inner end to bear more or less forcibly against the same.

B² is a plate provided with a screw-socket and prong, b^3 , and secured within a recess in the side of the sash in a position corresponding to the latch $G^2 g^2$ of the fastener G. When the sash is down, the latch G^2 is moved out by means of the operator I I', to bring the latch projection g^2 over the plate B², substantially as shown in Fig. 1, for which purpose the side of the sash is provided with a suitable recess. When the latch is moved, as stated, the sash will be locked in position. The spring H is to have sufficient tension to support the weight of the sash in any position, and should the spring become so much worn that its tension cannot be controlled by the set-screw g^5 it may be replaced by a new one.

Having explained the construction and operation of my improvement, what I claim as new, and desire to secure by Letters Patent, is—

In a sash-fastener, the combination of plate G, recessed as described, and provided with a set-screw, g^5 , the spring H, and latch G^2 , having an outer plate, I, provided with rectangular extension I', all constructed and arranged to operate as specified, for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

NELSE WILSON.

Witnesses:

WILLIS D. HOLMAN,
PAUL WILSSON.