

(No Model.)

A. LIESCHE.

WINDOW STOP FASTENER.

No. 333,471.

Patented Dec. 29, 1885.

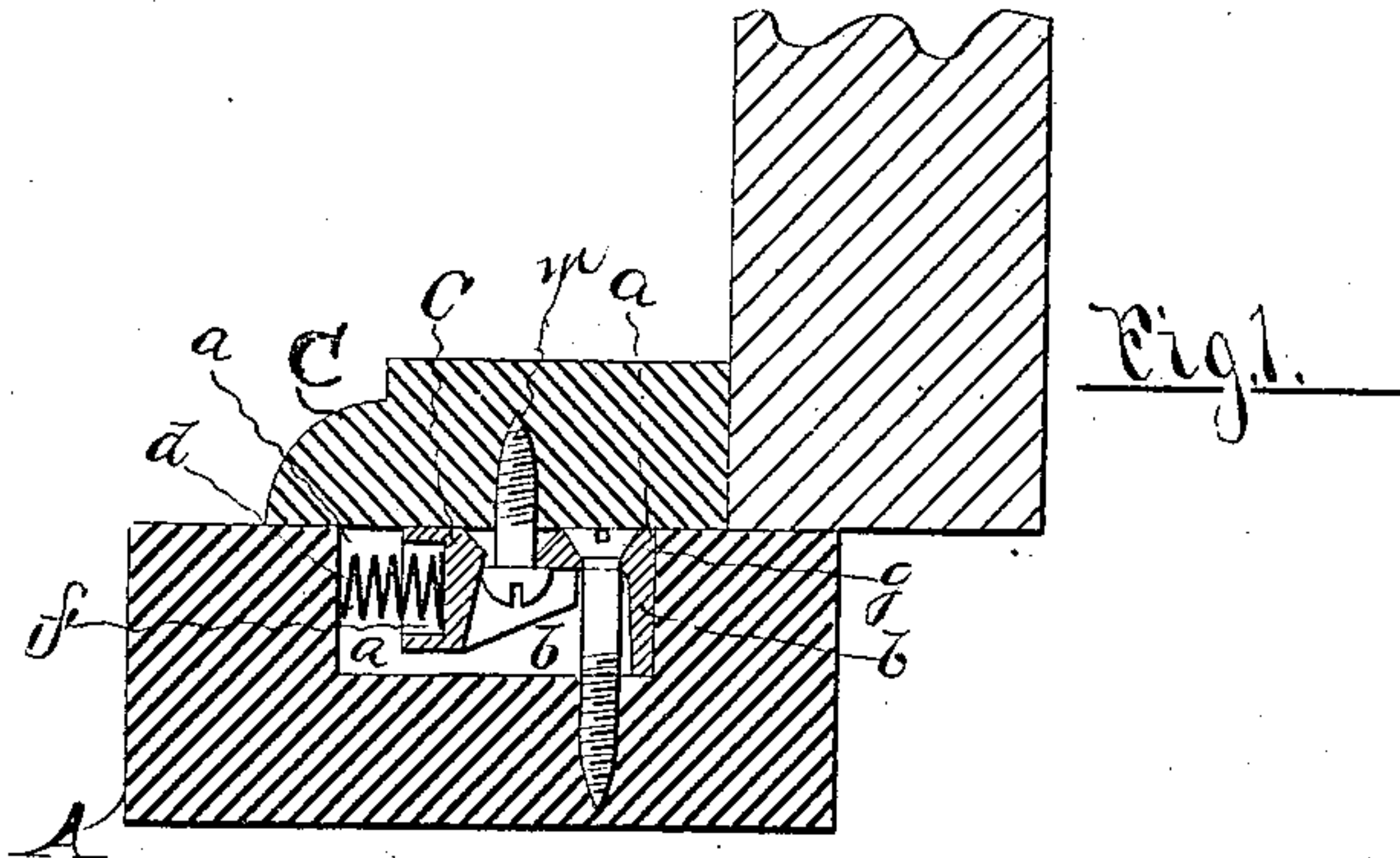
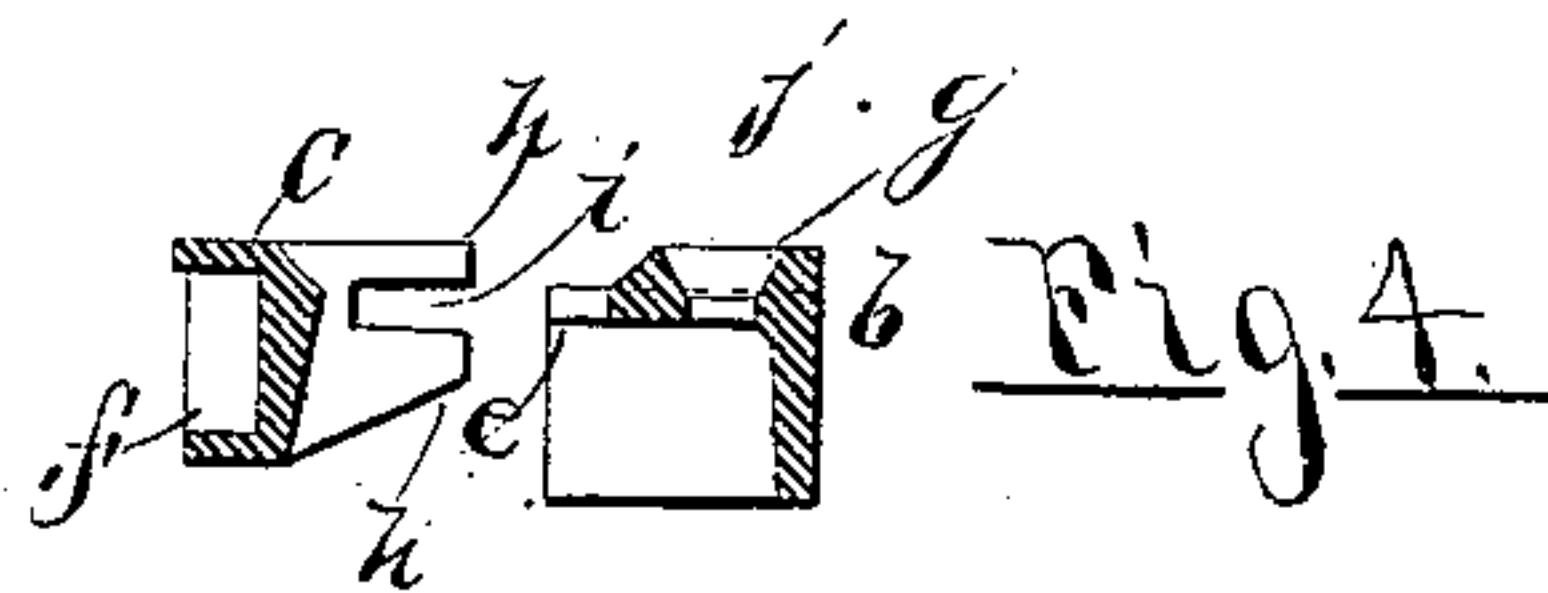
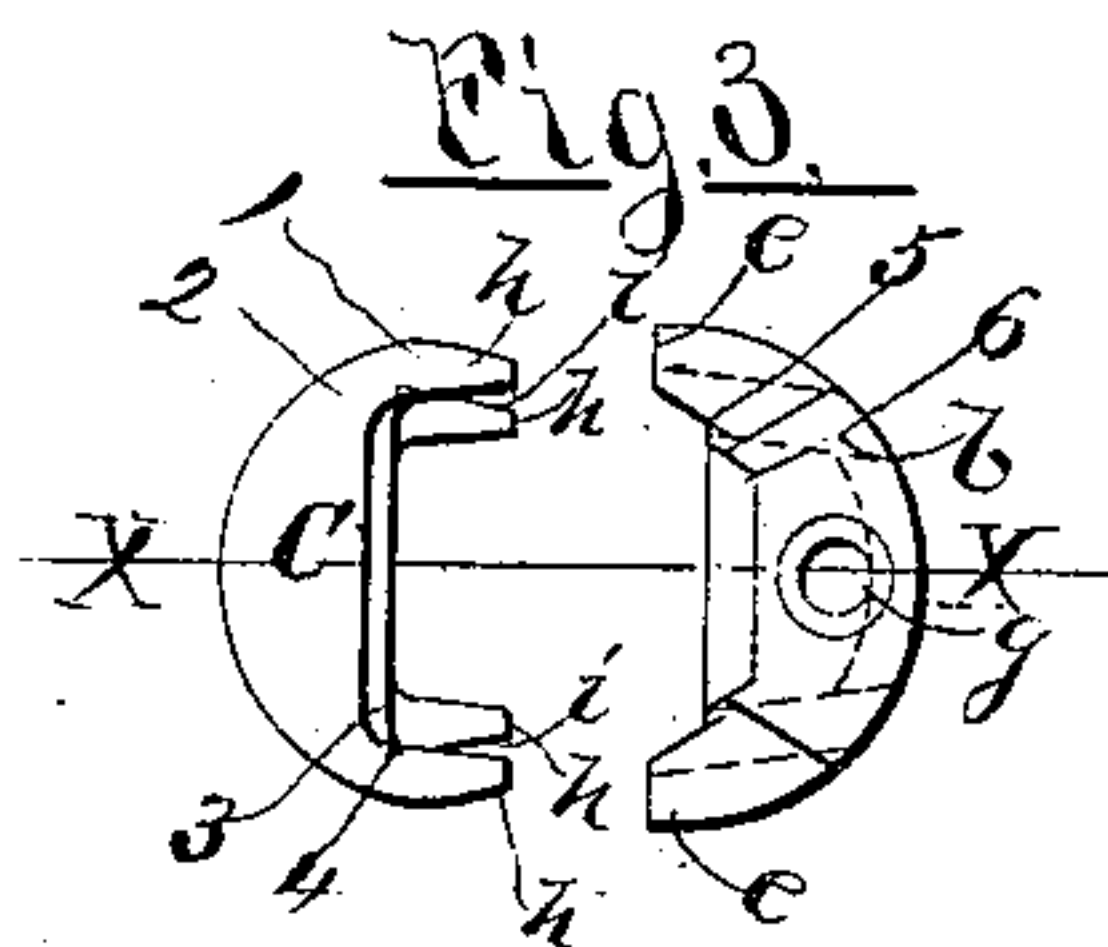
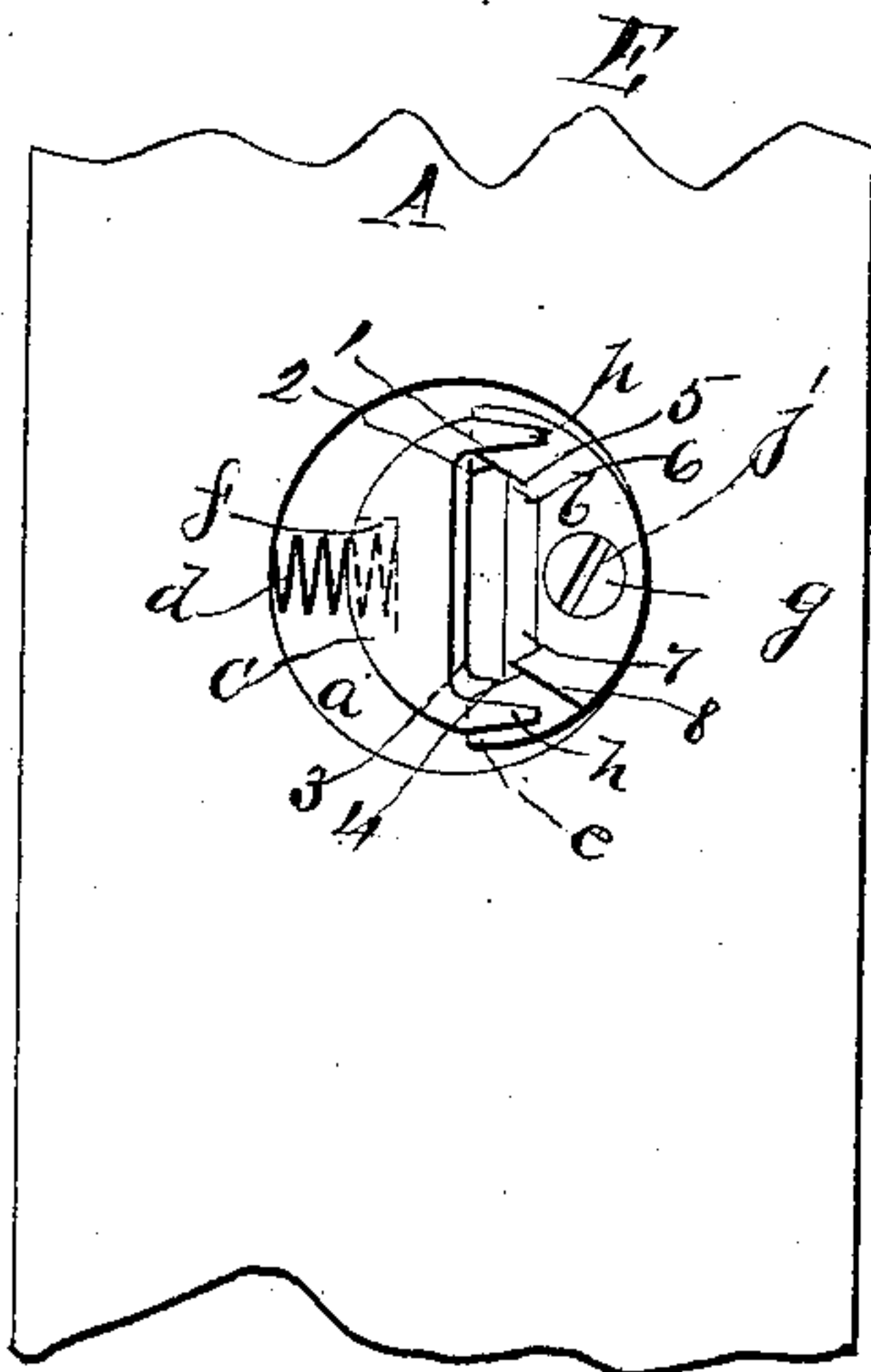


Fig. 2.



Witnesses.

S. H. Wandell

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# UNITED STATES PATENT OFFICE.

AUGUST LIESCHE, OF SYRACUSE, NEW YORK, ASSIGNOR TO J. RICHARD CLANCY, OF SAME PLACE.

## WINDOW-STOP FASTENER.

SPECIFICATION forming part of Letters Patent No. 333,471, dated December 29, 1885.

Application filed August 6, 1885. Serial No. 173,689. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUST LIESCHE, residing in the city of Syracuse, county of Onondaga, and State of New York, have invented certain new and useful Improvements in Window-Stop Fasteners, of which the following is a specification, reference being had to the accompanying drawings, and to letters and figures of reference marked thereon, and which form a part of this specification.

My invention relates to a device to fasten a window-stop to the frame in such a manner that it will be securely held to the frame in its proper place and can be readily removed without injury to the casing.

The object of my invention is to provide a window-stop fastener so constructed and arranged that it can be applied to any window, and which will hold the stop securely in the proper place and allow it to be removed at pleasure without difficulty. I attain this result by a fastener consisting of three parts, *b*, *c*, and *d*, which is inserted in the inside of the window-frame at holes bored at convenient and proper places and holds the stop *c* in position by a screw inserted about half-length therein, the head of which projects, as shown in the drawings, and is received between the parts *b* and *c*, which are held together by the coiled spring *d*, as is herein-after more fully described by reference to the drawings forming part of this specification.

The manner of constructing my window-stop fastener is as follows: At proper places I bore holes *a* in stile of the window-frame *A*, in which I insert the several parts of the fastener. The part *b* is constructed with a curved body provided with tongues *e e*, projecting out from the ends, and a straight edge between the points, and with the body beveled down to this edge, as shown. The part *c* consists of a curved body with projecting points *h h*, inclosing a groove, *i*, in which the tongues *e e* fit loosely, and a straight edge between the points and groove, and with the body beveled down to this edge, as shown. The part *d* is a coiled spring having one end seated in a cavity, *f*, in the outside of the part *c*, and the other end bearing against the edge of the hole *a*, the spring operating to

hold the parts *b* and *c* and their tongues and grooves together, thus retaining the head of the screw *m* in place.

*C* is the stop-rail of the window-frame, and into the under side of this, at proper points, I insert screws *m*—one for each fastener—and leave the heads of these screws projecting, as shown.

In operation, when I wish to put a window-stop on, I place the stop *c* in position, with heads of screws *m* over the fasteners *b*, and push the screw-heads against the beveled edges of the parts *b* and *c*, thus forcing back the spring *d* and allowing the head of screw *m* to slide between the edges of parts *b* and *c*, as shown in the drawings. The head of screw *m* is firmly held in position by engaging with the under surface of part *b*, which is hollowed and grooved. The spring *d* presses the part *c* against the other side of screw *m*, keeping it in place. The stop is easily removed from the window by pressing the screw *m* against the edge of part *c*, causing the spring *d* to contract, and allowing the head of screw *m* to become disengaged from the under surface of part *b*.

Referring to the drawings, Figure 1 is a sectional view of the window-stop adjusted to the casing by means of my fastener, and shows the details of its construction.

Fig. 2 shows the fastener placed in the hole in the window-stile, ready to receive the screw *m*. *a* is the hole bored to receive the fastener. *b* is part of fastener, having tongues *e e*, and is attached to the window-casing by means of screws *j* in hole *g*. *c* is part of the fastener, having grooves *i i* between points *h h*, to receive tongues *e e*. It has a cavity, *f*, in back, on the outside, to receive spring *d*, which causes the grooves of *c* to slip over the tongues of *b*. 1, 2, 3, 4, 5, 6, 7, and 8 indicate the beveled edges of parts *b* and *c*.

Fig. 3 shows the parts *b* and *c* separated from each other, and the manner of construction of each. Fig. 4 is a sectional view of the same on line *x x*, showing groove and tongue.

Having described my invention, what I claim by Letters Patent is—

A window-stop fastener inserted in stile of



frame A, composed of spring *d* and curved body *b*, with tongues and beveled edges, attached to the casing, as shown, and curved body *c*, with grooves and with beveled edges, ; so constructed as to receive the screw *m* in window-stop rail, and constructed substantially as shown, and for the purposes specified.

In witness whereof I have hereunto set my hand this 31st day of July, 1885.

AUGUST LIESCHE.

In presence of—

S. H. WARDELL,  
W. E. GILBERT.