

(No Model.)

M. LANE.
WINDOW BEAD FASTENER.

No. 436,939.

Patented Sept. 23, 1890.

Fig. 1.

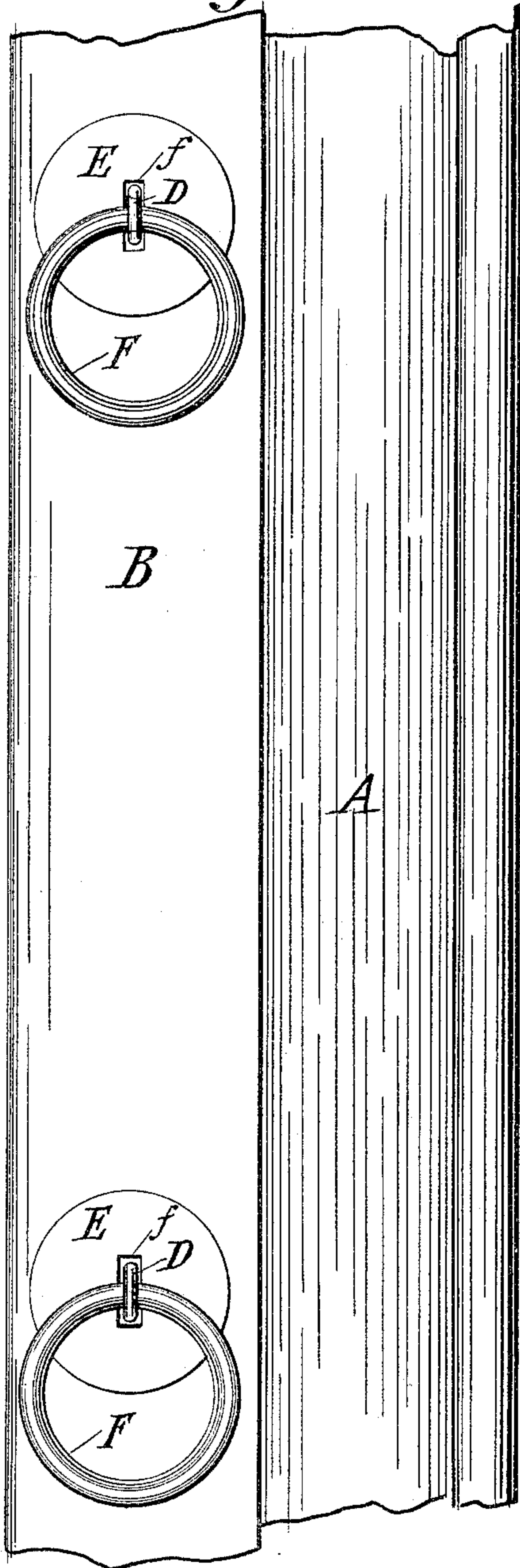


Fig. 2.

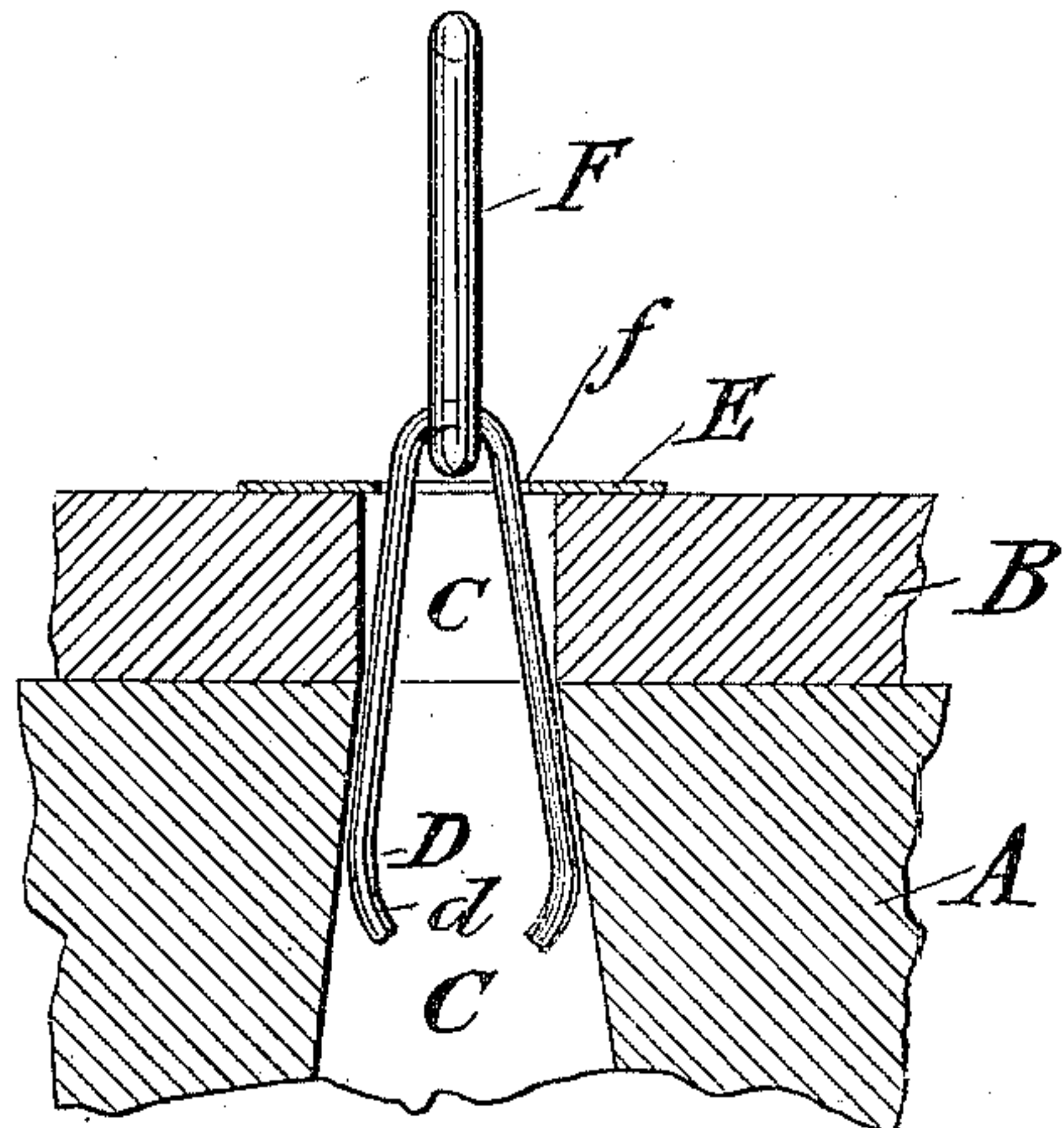


Fig. 3.

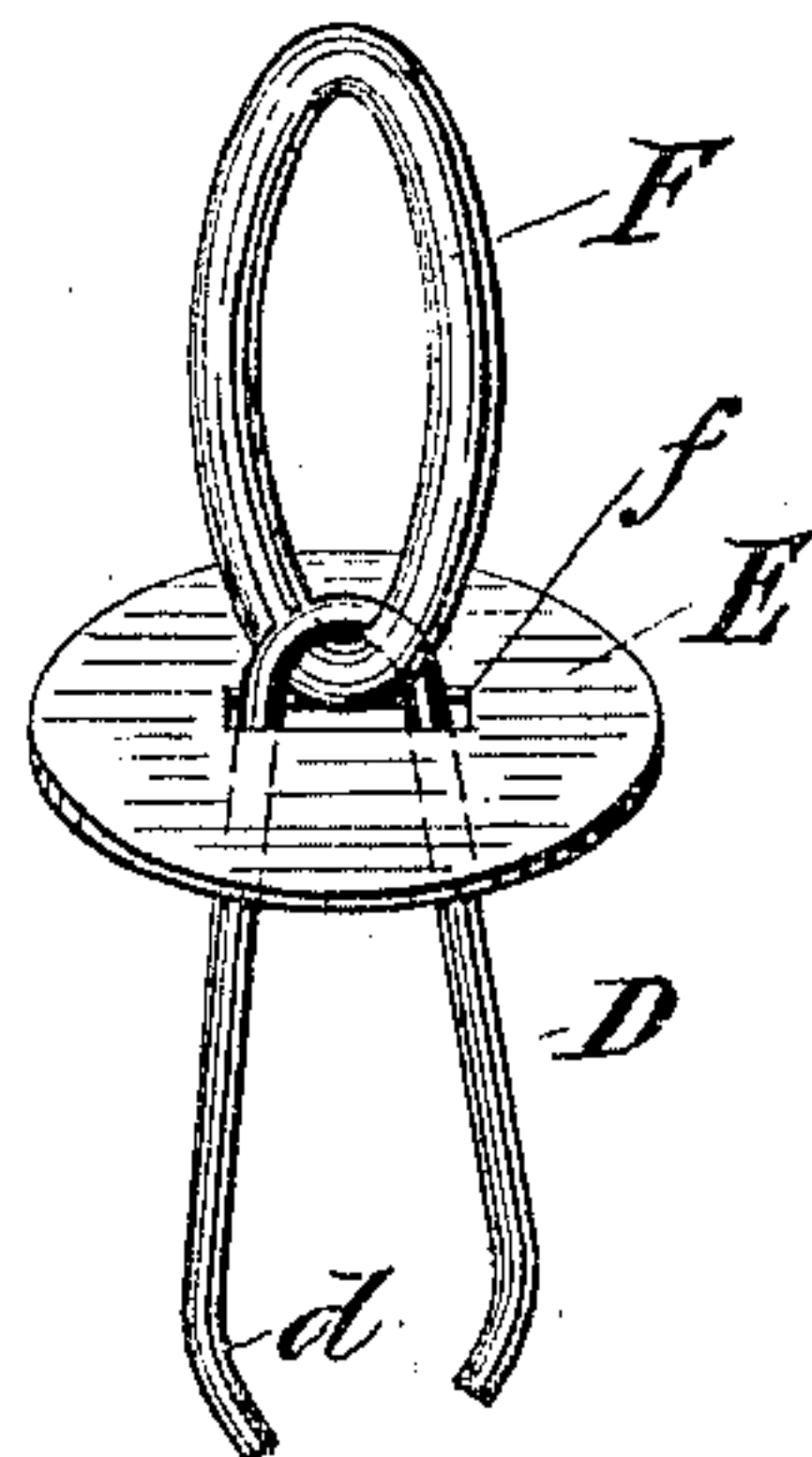
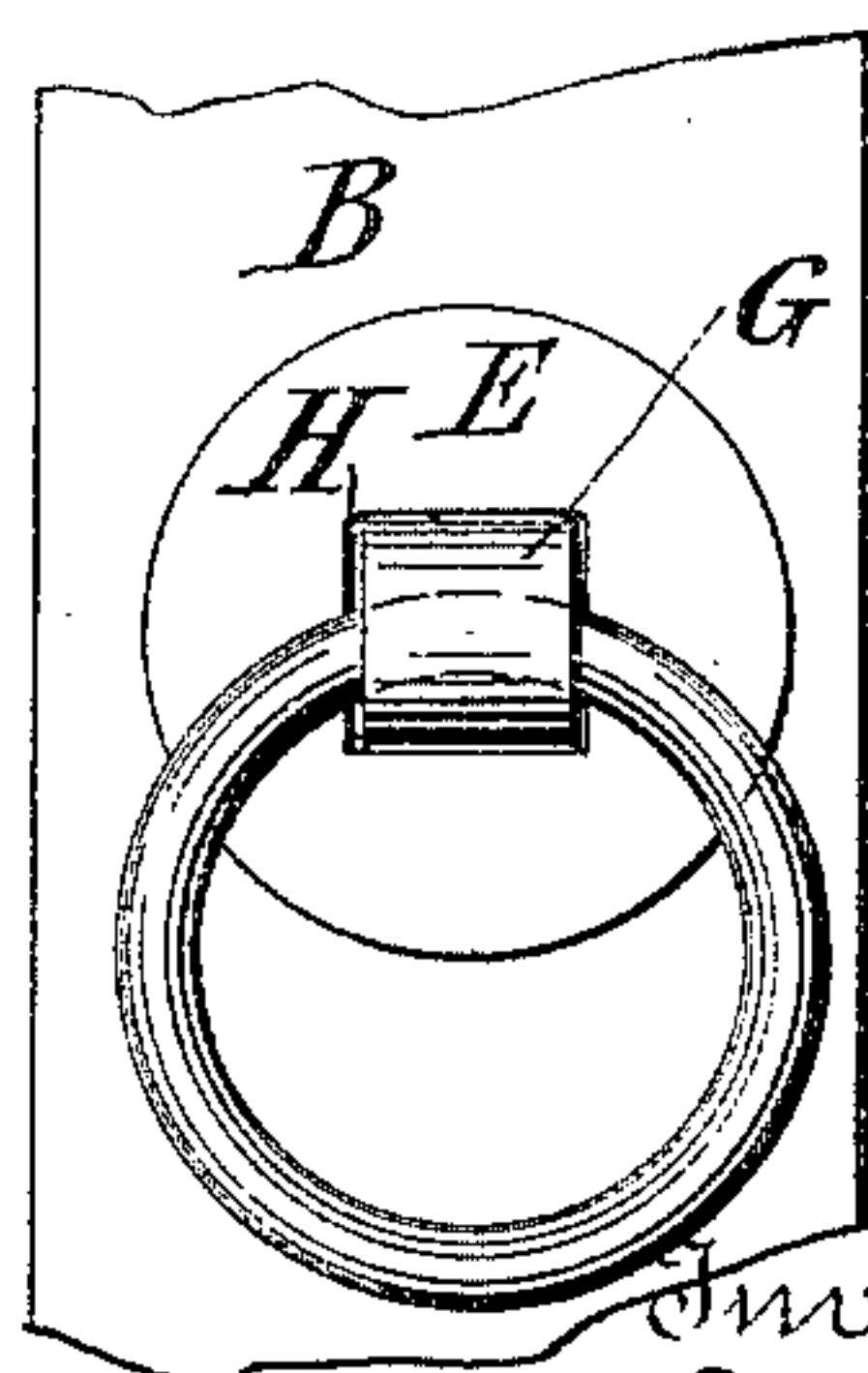


Fig. 4.



Witnesses
Edu. A. Murr.
J. O. Davis.

Inventor
Melissa Lane
per *Robert J. Jones*
her Attorney.

UNITED STATES PATENT OFFICE.

MELISSA LANE, OF BINGHAMTON, NEW YORK.

WINDOW-BEAD FASTENER.

SPECIFICATION forming part of Letters Patent No. 436,939, dated September 23, 1890.

Application filed May 21, 1890. Serial No. 352,614. (No model.)

To all whom it may concern:

Be it known that I, MELISSA LANE, a citizen of the United States, residing at Binghamton, in the county of Broome and State of New York, have invented certain new and useful Improvements in Window-Bead Fasteners; and I do hereby 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.

My invention relates to that class of devices especially adapted for removably securing window beads or strips to the jamb or casing; and the object sought to be accomplished is to produce a more strong, efficient, and easily-operated arrangement of parts than has heretofore been known.

With these ends in view my invention consists in certain peculiarities of construction and combinations of parts, more fully described hereinafter, and set forth in the claim.

Referring to the accompanying drawings, Figure 1 represents a front view of one side of the window-casing, showing the bead secured by my improved fastenings; Fig. 2, a section through line *x x* of Fig. 1; Fig. 3, a detail view of the fastening device, and Fig. 4 a modification.

The reference-letter A indicates the jamb-casing, and B the bead or strip, and through each of these parts are made registering vertical slots C, of equal length. I provide a spring D, bent V-shaped and preferably consisting of a piece of heavy wire, the diverging arms of which are bent inward toward each other at their extremities, as seen at *d*, Fig. 3, and this spring is arranged to engage the openings in the strip and jamb, the converging ends *d* allowing it to be inserted in said opening and then shoved home through them. The doubled or bent end of the spring projects from the face of the bead, and a circular plate or washer E is fitted over it, being provided with a slit *f*, through which the spring extends. Beyond this washer the eye formed by the doubled end of the spring is engaged by a ring F, which thus acts to prevent the spring from being shoved in too far and at the same time as a convenient means for manipulating the latter.

It will be seen that to secure the strip in place it is only necessary for the operator to insert the free end of the spring in the opening in the bead and then push it through both bead and jamb as far as possible—that is, as far as the ring will permit—when the resiliency of the bent spring will cause the parts to be held securely together. By pulling upon the ring it will be apparent that the spring can be withdrawn and the bead thus released from the jamb, when the former can be removed for the purpose of turning the window to clean it on the outside or for other reasons.

In Fig. 4 I have shown a flat spring G, instead of one formed of wire, and a square opening H in the washer, through which the bent end of this spring projects; but it is evident that this arrangement will effect the same results as the former, the change being in form only.

It will thus be apparent from the foregoing description that an exceedingly simple and cheap article is produced, which can be conveniently employed to produce the desired results of securely fastening the bead and at the same time rendering the same easily removable.

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

The combination, with the bead and casing provided with registering slots or recesses, of a fastening device consisting of a bent or doubled spring arranged to be inserted through said registering openings, its opposite arms having spring-pressure against the sides of the recess in the casing, and a ring or similar device introduced through the bent end of said spring where it projects from the bead, said spring being readily removable from both the bead and casing, not being connected to either, as set forth.

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

MELISSA LANE.

Witnesses:

F. W. JENKINS,
HARVEY D. HINMAN.