

G. N. SCRIVNER.
Sash-Holders.

No. 148,578.

Patented March 17, 1874.

Fig. 1.

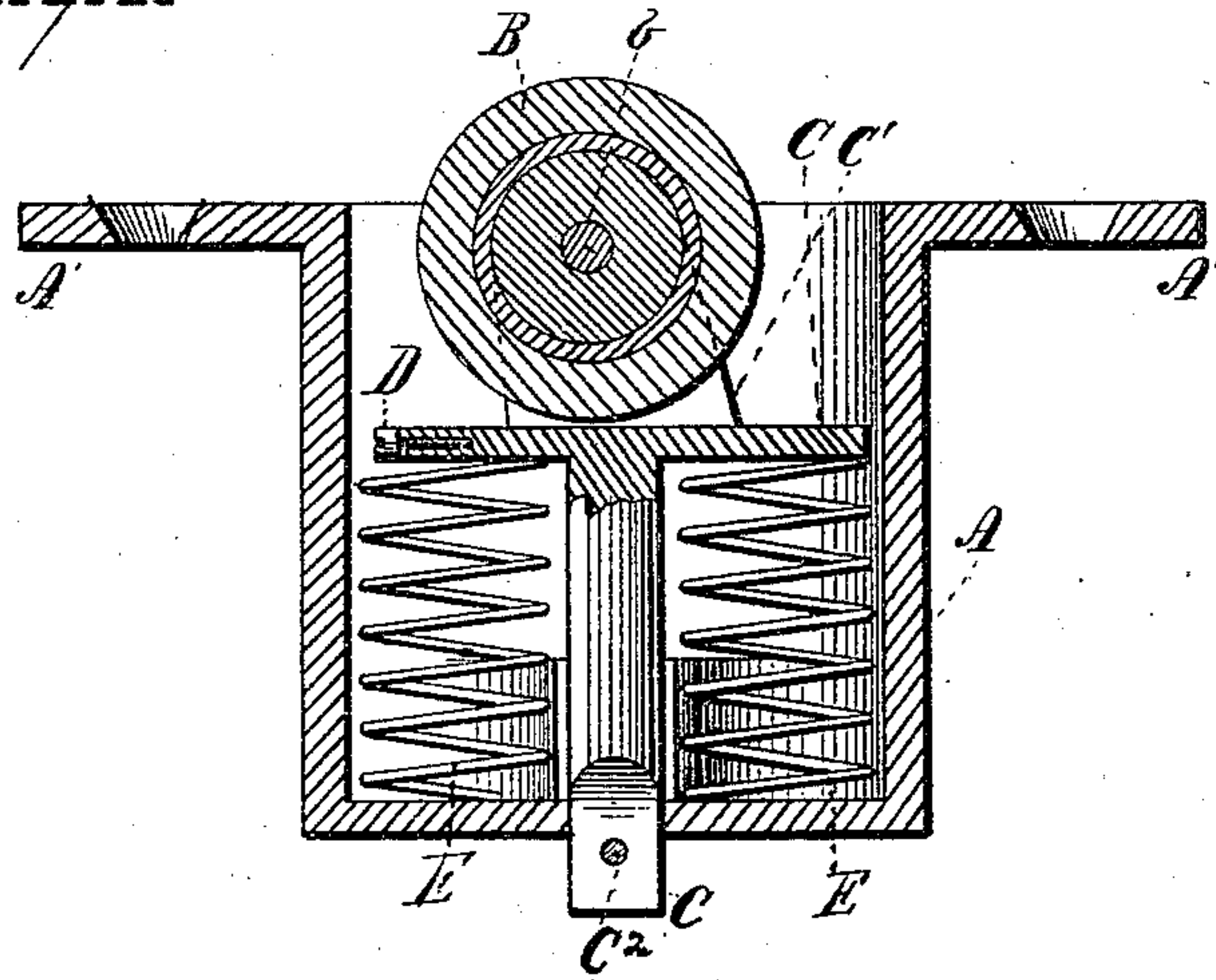
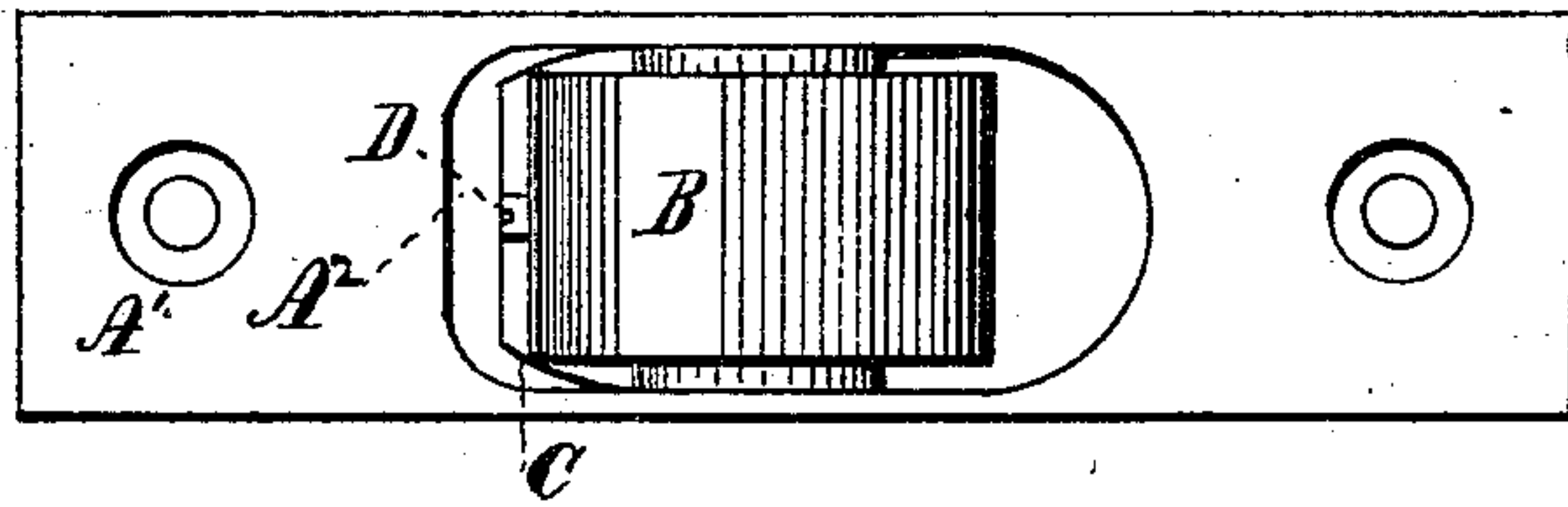


Fig. 2.



WITNESSES.

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UNITED STATES PATENT OFFICE.

GEORGE N. SCRIVNER, OF AUBURN, NEW YORK.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. 148,578, dated March 17, 1874; application filed February 26, 1874.

CASE B.

To all whom it may concern:

Be it known that I, GEORGE N. SCRIVNER, of Auburn, in the county of Cayuga and State of New York, have invented certain new and useful Improvements in Sash-Holders; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in sash fasteners or supporters.

In the drawings, Figure 1 is a section view of my invention, and Fig. 2 is a front elevation of the same.

My invention consists in the peculiar combination of parts, as hereinafter specified, whereby the frame carrying the friction-roller is made adjustable as to the enveloping casing, in which casing is secured and operated the several parts constituting the elements of my invention, thereby governing and controlling the friction or the degree of friction between the roller and the enveloping casing.

A is a casing, of metal or other suitable material, provided with a retaining-plate, A¹, through which pass screws, rivets, or other suitable means for fastening the casing A to the sash or jamb. B is a roller, preferably made of elastic material, and turning upon the axle *b* fixed to the portion C¹ of the frame C. The portion C¹, upon which revolves the roller B, is made to tilt toward the bottom of the opening A² of the casing A. The lower edge of the opening A² is made square, as shown in Fig. 2, for reasons which will hereinafter appear. The lower edge of the frame C is provided with the set-screw D for the adjustment of the frame C¹ and its roller B. C² is a stop-piece made to pass through or attached in any suitable manner to that portion

of the frame C which passes through the rear wall of the casing A. E E are springs inserted between the frame C and the rear wall of the casing A, which serve to force the frame C with its roller B outward, the stop C² preventing undue action of the springs E E, and keeping the frame C from being forced entirely out of the casing A.

The casing A, roller B, frame C, set-screw D, springs E E, and stop-piece C² are combined and put together as shown in Fig. 1, which forms my invention complete. The casing A A¹ with its contained parts, as aforesaid, (shown in Fig. 1,) are inserted either in the sash of a window or its jamb. The roller B, by the action of the springs E E against its frame C C¹, is forced outward in such a manner as to retain the window at any point to which it may be raised, by the friction of the roller B against the opposing sash or jamb.

By means of the set-screw D in the frame C, said frame may be so adjusted that its roller B shall sufficiently fall to impinge against the lower surface A² of the opening of the casing A, thereby serving as a brake to the roller B, and as the roller B becomes worn, or as necessity may require, the degree of this friction may be adjusted or entirely relieved by means of the screw D.

What I claim is—

The combination of the casing A A¹, roller-frame C C¹, friction-roller B, stop C², set-screw D, and springs E E, substantially as and for the purpose shown.

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of February, 1874.

GEO. N. SCRIVNER.

Witnesses:

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