

H. RESLEY.  
Curtain-Cord Tightener.

No. 225,166.

Patented Mar. 2, 1880.

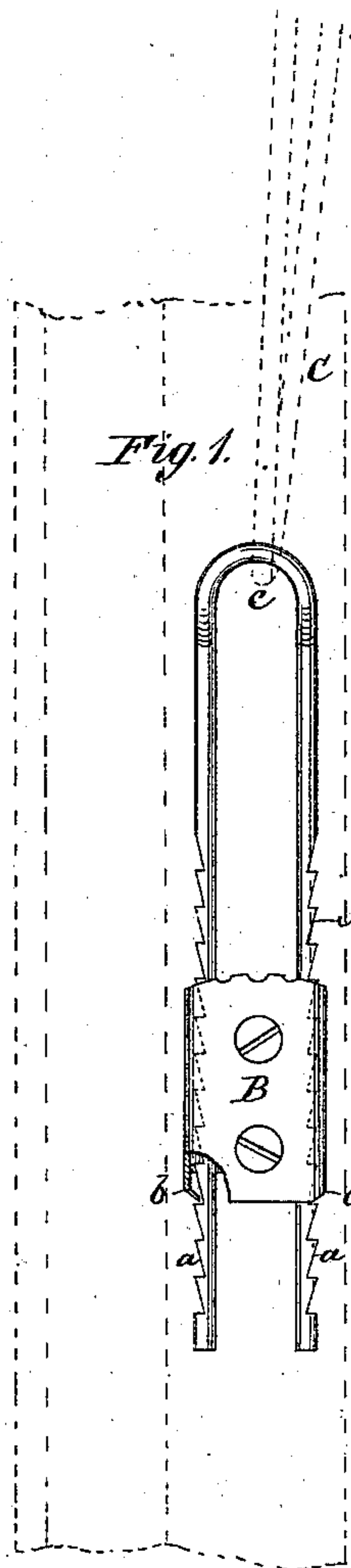


Fig. 2.

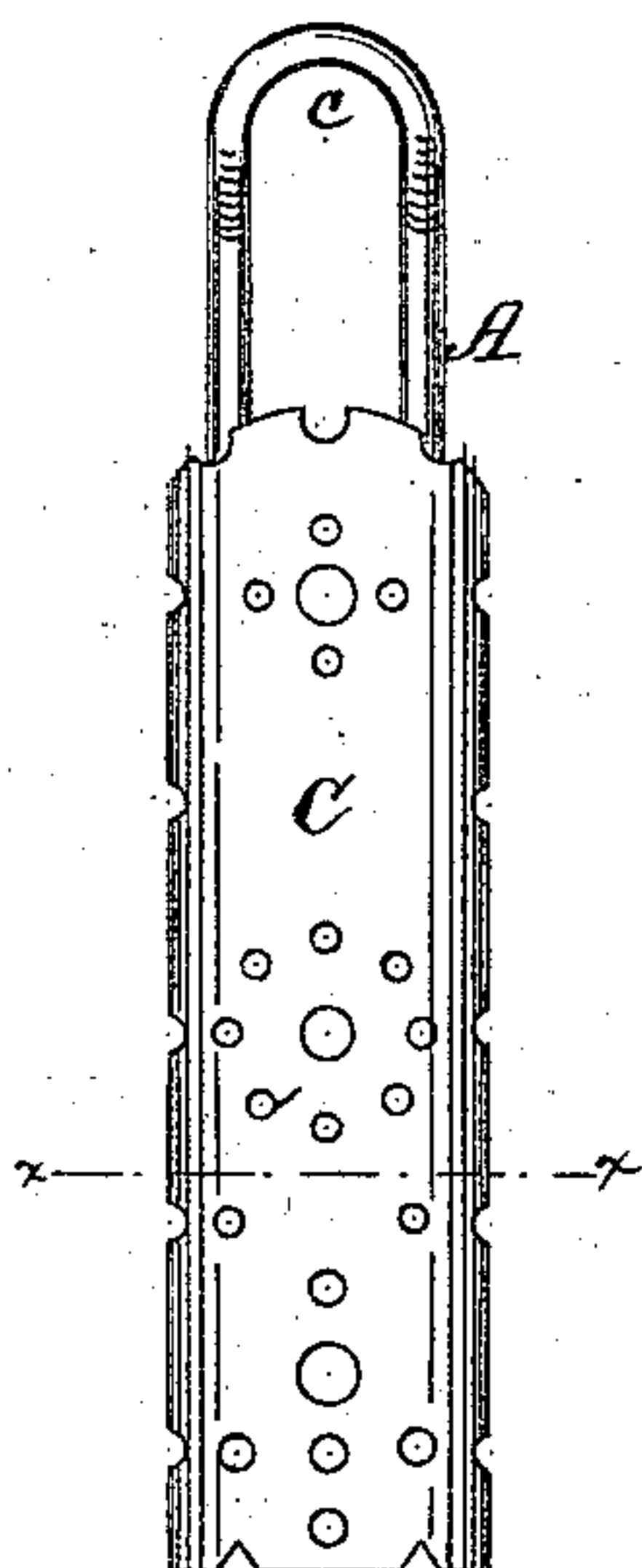


Fig. 3.

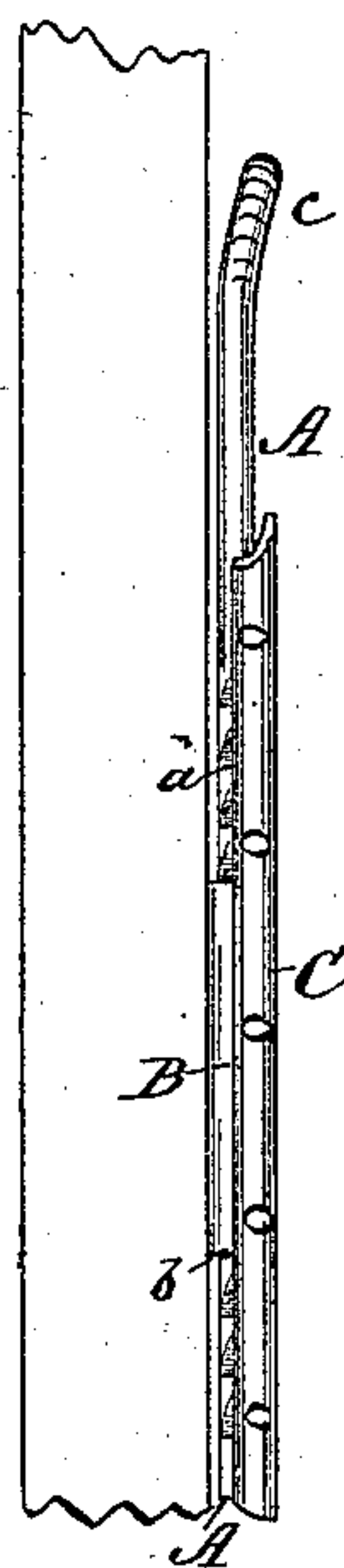


Fig. 4.

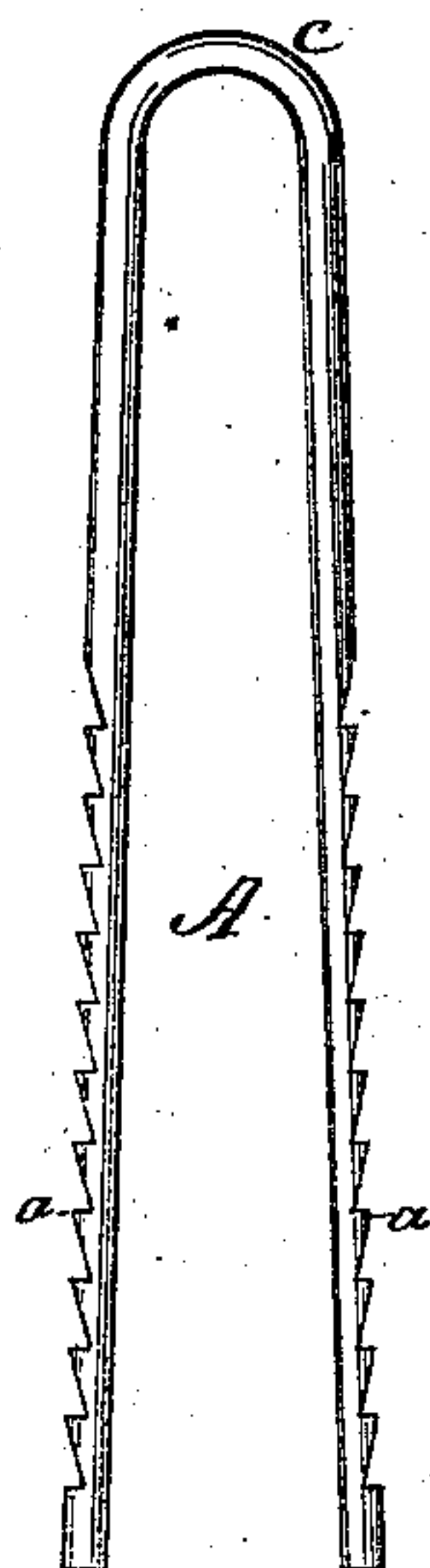
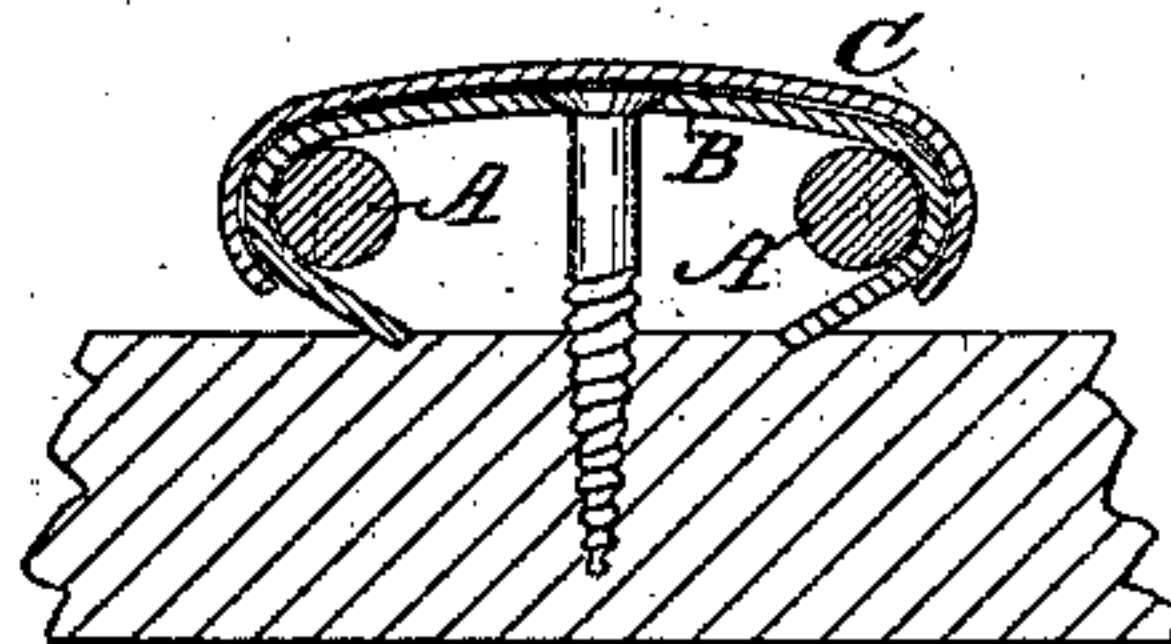


Fig. 5.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

HORACE RESLEY, OF CUMBERLAND, MARYLAND.

## CURTAIN-CORD TIGHTENER.

SPECIFICATION forming part of Letters Patent No. 225,166, dated March 2, 1880.

Application filed July 31, 1879.

*To all whom it may concern:*

Be it known that I, HORACE RESLEY, of Cumberland, in the county of Alleghany and State of Maryland, have invented a new and useful Improvement in Curtain-Cord Tighteners; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention is an improvement in devices which are employed for securing a curtain-roller cord to a window-casing so that the tension of the cord may be readily adjusted for the purpose of increasing its friction on the roller, and thereby causing it to hold the curtain securely at different elevations.

My invention consists of a bifurcated notched or toothed spring-bar, which slides in and engages with a keeper that is secured to the window-casing.

In the accompanying drawings, Figure 1 is a front view of the device as applied to a window-frame. Figs. 2 and 3 are, respectively, front and side views of the same, with an ornamental guard-plate attached. Fig. 4 represents the forked fastener detached from the keeper. Fig. 5 is a cross-section on line *xx* of Fig. 2.

My cord-tightener is formed of a forked bar or rod, A, whose straight legs spring outward at a slight inclination to each other when left free, as shown in Fig. 4, but are held perfectly parallel by the keeper B when the device is in use. Said keeper may be constructed in various ways or have various forms; but I prefer to construct it of a plate of sheet metal whose side edges are turned under, so as to form sockets or guides for the legs of the tightener.

A perforated plate, C, constituting an ornamental protector or shield, may be applied to

the fastener so as to cover and conceal all but the upper end of the forked bar.

The outer sides of the legs of bar A are provided with inclined angular notches or ratchet-teeth *a*, whose inclination is toward the upper end of the tightener A. The spring or elasticity of the legs causes them to press outward from each other, and thus hold their ratchet-teeth engaged with the detents or fixed teeth *b*, formed on the lower end of the keeper B. The curtain-roller cord C is attached directly to the eye *c* of the tightener, and when it is required to increase or diminish its tension the legs are pressed toward each other, as shown in dotted lines, Fig. 1, thus freeing their ratchet-teeth from engagement with the keeper B and enabling the tightener to be slid up or down, as required.

The tightener may be operated very easily and quickly, and is of so simple construction that it may be produced at comparatively small cost.

What I claim is—

1. In a curtain-cord tightener, the combination of the forked or U-shaped device having ratchet-teeth formed on the outer side of the legs thereof and the keeper having fixed detents, which are held engaged with said teeth by the elasticity of the device, as shown and described.

2. The tightener proper, composed of the rod which is bent in the middle to form an eye, *c*, and having its legs provided with notches, as and for the purpose specified.

HORACE RESLEY.

Witnesses:

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