

(No Model.)

R. M. CLAPP.
SLIDING WINDOW BLIND.

No. 327,235.

Patented Sept. 29, 1885.

Fig. 1

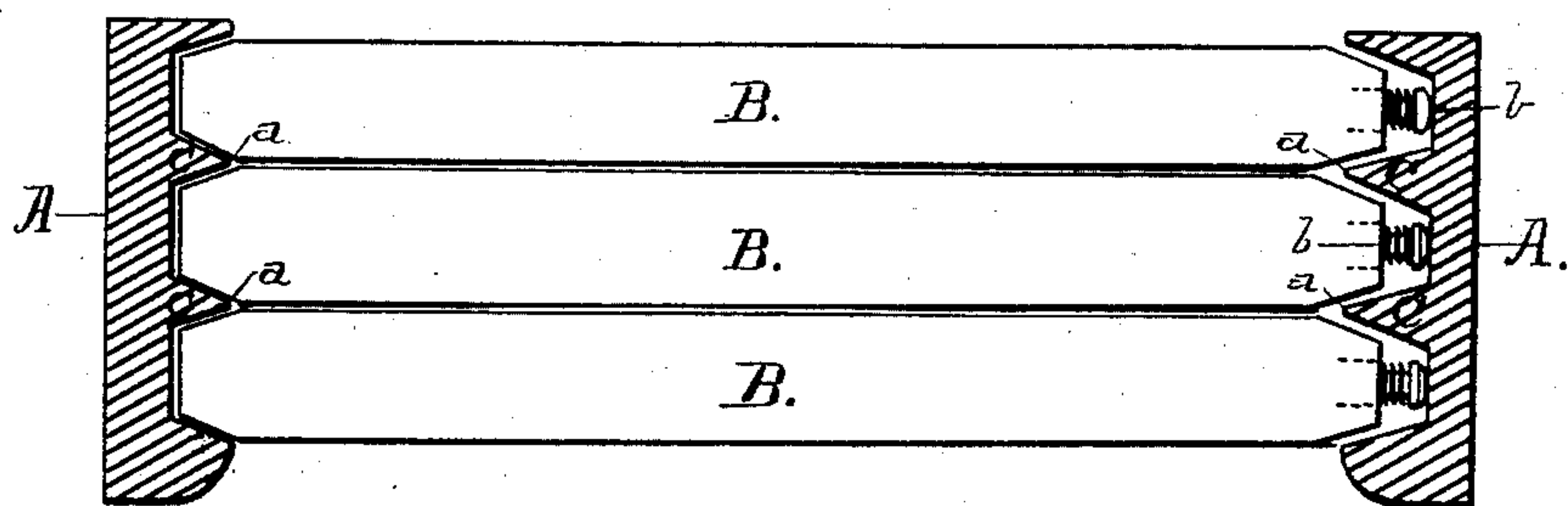
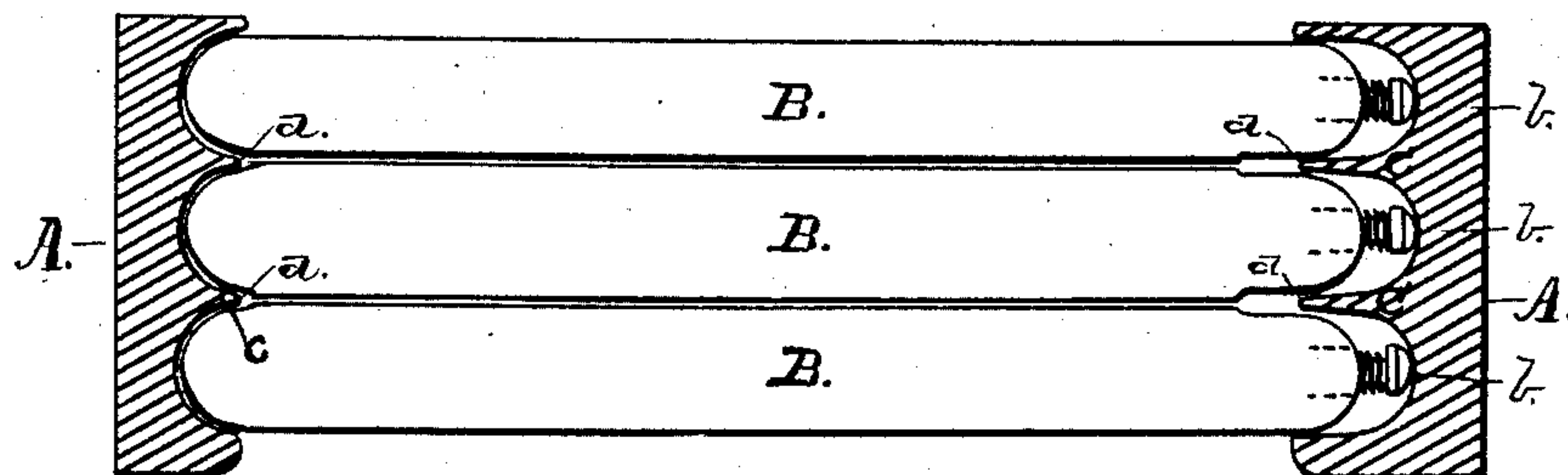


Fig. 2.



Witnesses:

Jas A. Harvey
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UNITED STATES PATENT OFFICE.

ROLLIN M. CLAPP, OF BURLINGTON, VERMONT.

SLIDING WINDOW-BLIND.

SPECIFICATION forming part of Letters Patent No. 327,235, dated September 29, 1885.

Application filed April 1, 1885. (No model.)

To all whom it may concern:

Be it known that I, ROLLIN M. CLAPP, a citizen of the United States, residing at Burlington, in the county of Chittenden and State of Vermont, have invented certain new and useful Improvements in Sliding Window-Blinds, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements on sliding blinds for windows; and the object of my improvements is to so construct and arrange the stops or guides upon the jambs of sliding window-blinds that no opening or space is allowed to intervene between the adjacent blind-frames which furnishes an opportunity for the passage of air or dust into the room.

In the drawings, in which similar letters indicate like parts, Figure 1 is a horizontal cross-section of the blind frames and jambs, the stile-stops being triangular in shape. Fig. 2 is a similar view, the sliding grooves being semicircular in form.

A A are the blind-jambs, which are designed to be attached to the ordinary window-jambs inside of the window-sash.

B B are the several blind-frames, of which I prefer to have three, each being about one-third of the window-opening in height.

C C are the guiding-stops of the blind-frames B B. As my object is to bring the adjoining faces of the sliding blind-frames into as close contact as is possible consistent with their sliding movement past each other, the stops can be made either triangular in form, as shown in Fig. 1, or circular or concaved, as illustrated in Fig. 2, their outer edges in either shape being brought practically to a point at *a*. The stiles of the blind-frames are correspondingly beveled or round on their outer corners, according to the form of the grooves in which they are intended to slide, it being immaterial what may be the form adopted for the face of the grooves, provided the outer edge of the stop C is brought sufficiently to a point to allow the adjacent faces of the blinds to touch each other as they are respectively

raised or lowered to admit the direct passage of the light into the room through the sash or open window.

In order that these frames may be readily inserted into their respective grooves in the blind-jambs A, the blind-frames are made sufficiently narrower than the horizontal distance between their opposite grooves as to allow one stile to be inserted into its groove and then pushed in far enough to admit the stile on the opposite end of the blind-frame to pass over the intervening stop. When the blind-frame is in place, it is there held by bearing-springs of any convenient device, as *b*, which may be attached to the interior of the groove in which the frame is first inserted. The effect of this spring-pressure is to keep the blind-stile on the opposite side in close and continuous contact with the groove of the opposite jamb. These jambs can be cheaply and rapidly made by running the stock through plowing-machines, which will cut the stops C in the pointed form described; or the stops can be separately formed and attached to the face of the jambs, as preferred.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a sliding window-blind, the blind-jambs A A, having blind-stops C C, so constructed that their outer edges, *a*, shall be pointed, in combination with the sliding blinds B, having suitable bearing-springs, *b*, substantially as described, and for the purpose set forth.

2. In combination with a window frame and sash, the blind-jambs A A, so recessed that the blind-stops C shall be brought to an edge at *a* for the purpose of enabling the adjoining faces of the sliding blinds B to be in close contact, substantially as described.

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

ROLLIN M. CLAPP.

Witnesses:

WILL J. MURPHY,
E. N. PORTER.