

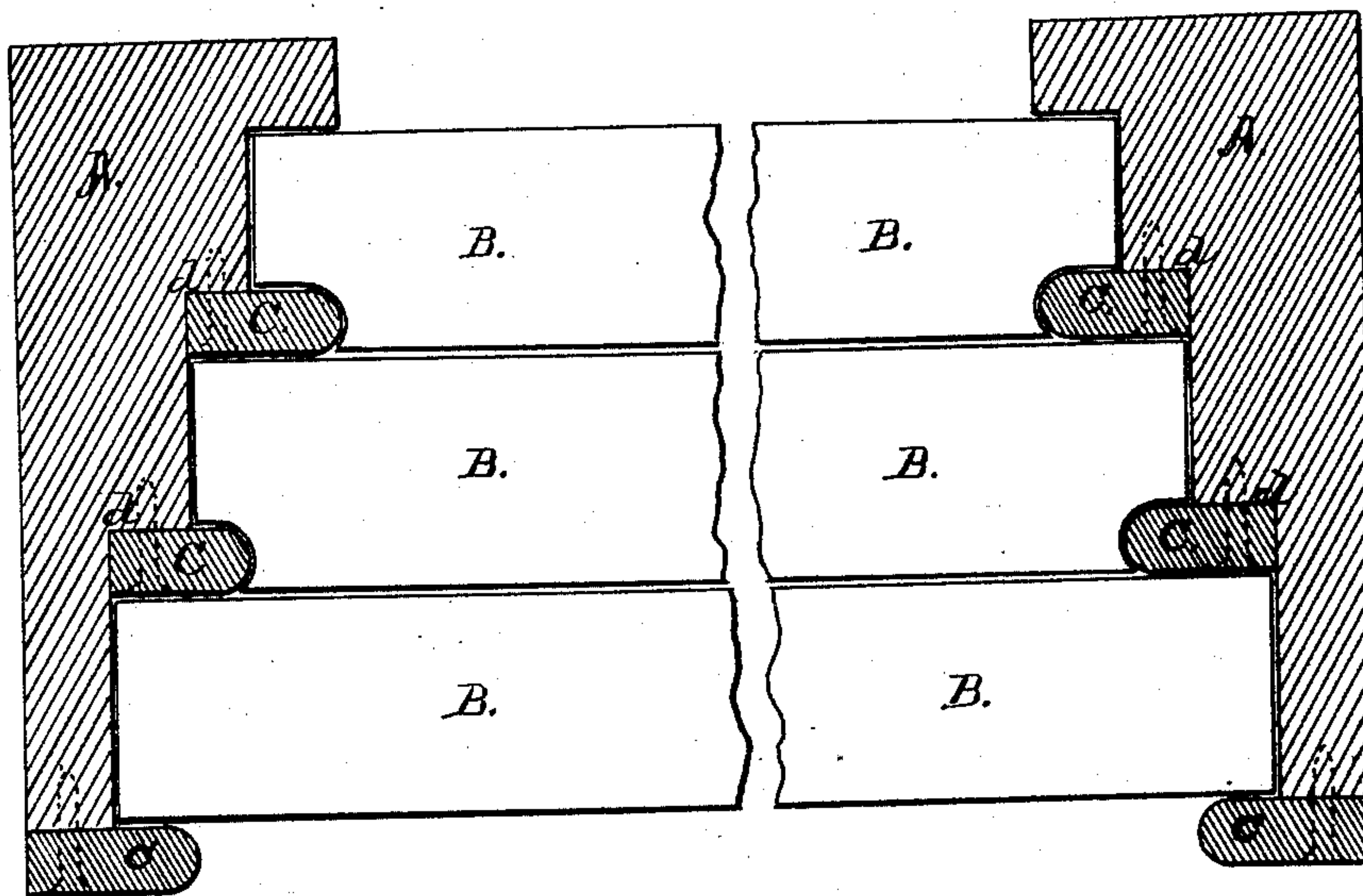
(No Model.)

R. M. CLAPP.
SLIDING WINDOW BLIND.

No. 327,236.

Patented Sept. 29, 1885.

Fig. 1.



Witnesses:

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Inventor:

*Rollin M. Clapp
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UNITED STATES PATENT OFFICE.

ROLLIN M. CLAPP, OF BURLINGTON, VERMONT.

SLIDING WINDOW-BLIND.

SPECIFICATION forming part of Letters Patent No. 327,236, 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 drawing.

My invention relates to improvements on sliding window-blinds; and the objects of my improvements are to so arrange and construct the jambs for the stiles of the blind-frame as to, first, avoid the necessity of the usual side bearing-springs to keep the frames in place, and, second, to close the space which intervenes between the several blind-frames, and thus prevent the passage of air or dust.

The drawing is a horizontal cross-section showing the relative position and construction of blinds and their jambs.

A A are the blind-jambs, which I prefer to make of separate strips to be attached to the ordinary window-jambs inside of the window-sash. B B are the window-blinds, which are so constructed that their respective widths decrease from the inside to the outside blind adjoining the window-sash, as shown in the drawing. I prefer to have three blinds to each window, as is customary, each one-third the height of the window-opening, and made so as to slide the entire length of the window-frame, so that light can be admitted from the bottom, center, or top of the window, as desired. The jambs A A are rabbeted, so as to receive the blinds, which are held in place by the stop-beads C C. These beads project somewhat beyond the exterior face of the rabbeted joint *d* of the jambs, to which they are removably attached by screws *e*, or otherwise, and have their exterior or projecting edges rounded. The stiles of the blinds are also rabbeted to receive the bead projections, which allows the exterior face of the blind-frame to touch the interior face of the frame of the blind adjacent to it, but so closely as to prevent

or interfere with the free vertical movement of each blind. By this construction and arrangement of the blind-jambs the blind-frames can be made to exactly fit and fill the space between the corresponding sliding grooves of each jamb, as the removal of the stop-bead on either side allows the blind-frame to be readily inserted or removed from its place.

As the blind-frame entirely fills the space between each jamb which it is designed to occupy, there is no necessity for bearing-springs to be placed in the sliding grooves to hold the frames in place. Additional friction-bearings, however, may be added, as is customary with window-sash, to confine the blinds to special locations in their grooves, if so desired. My object, however, in omitting the bearing-springs on the frame-jambs is to avoid their additional expense and liability to cause undue friction and consequent trouble and repair. The circular form of the rabbet in the front edges of the blind-stiles for the entrance of the stop-bead projections always retains the frame of the blind securely in position, and enables the face of the frame of one blind to be brought into close sliding contact with the blind which slides adjacent to it, and effectually closes the otherwise open space between the blinds, thereby preventing the passage of air or dust, which is often so objectionable when the window is open.

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

1. The blind-jambs A A, so rabbeted that the horizontal distance between their corresponding recesses shall decrease regularly from the interior face of the window-casing to the sash, each rabbet being provided with the removable stop-beads C C, in combination with the blinds B, having the exterior edges of their stiles suitably rabbeted to receive the stop-beads, substantially as described, and for the purpose set forth.

2. In a sliding window-blind, the blind-jambs A A, designed to be attached to the interior vertical faces of the window-casing,

and so constructed as to receive the blinds B, whose width regularly decreases from the front to the rear edge of the jambs, each rabbet in the jambs having removable stop-
5 beads C C, in combination with the sliding blinds B, having their outer side edges suitably rabbeted to receive the projecting edges of the stop-beads C, for the purpose of bring-
ing the adjoining faces of the blinds B together, substantially as described. 10

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

ROLLIN M. CLAPP.

Witnesses:

HILL J. MURPHY,

E. N. PORTER.