

(No Model.)

G. POPPERT.

GUIDE FRAME FOR SLIDING WINDOW BLINDS.

No. 362,854.

Patented May 10, 1887.

Fig. 1.

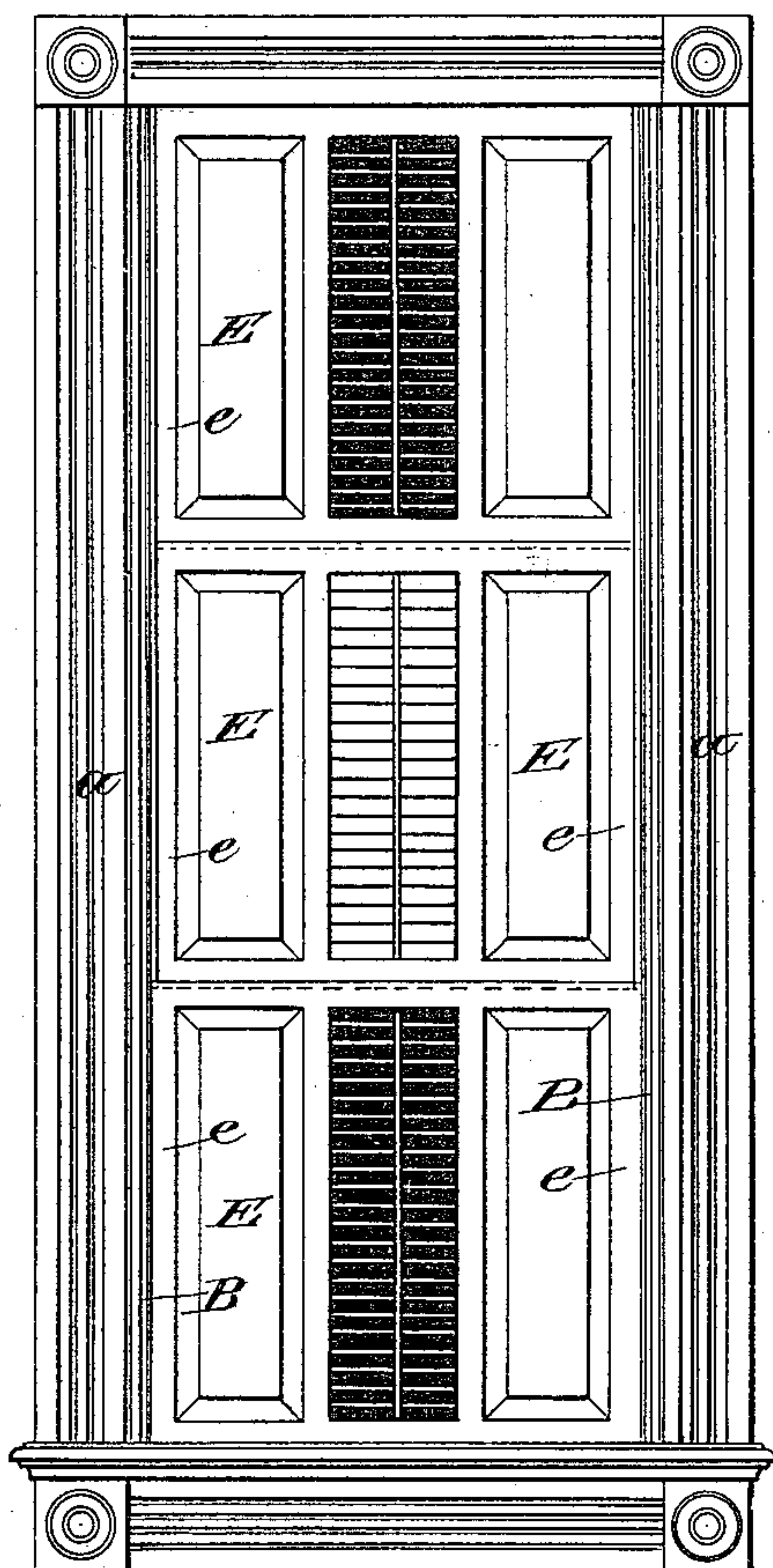


Fig. 3.

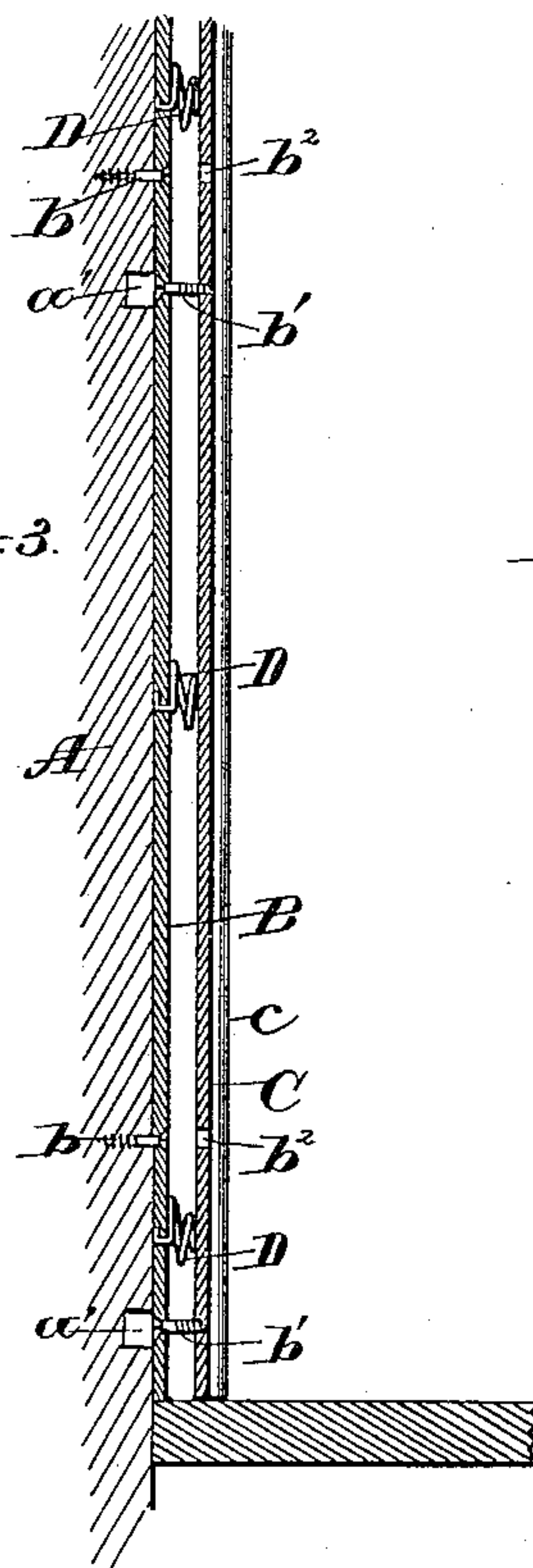


Fig. 4.

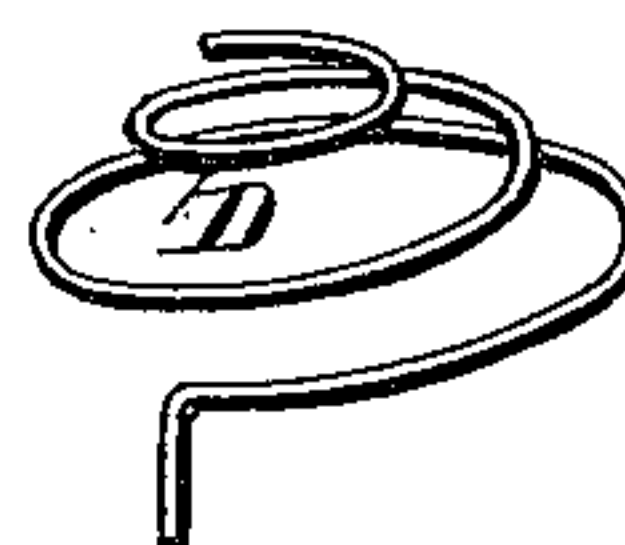
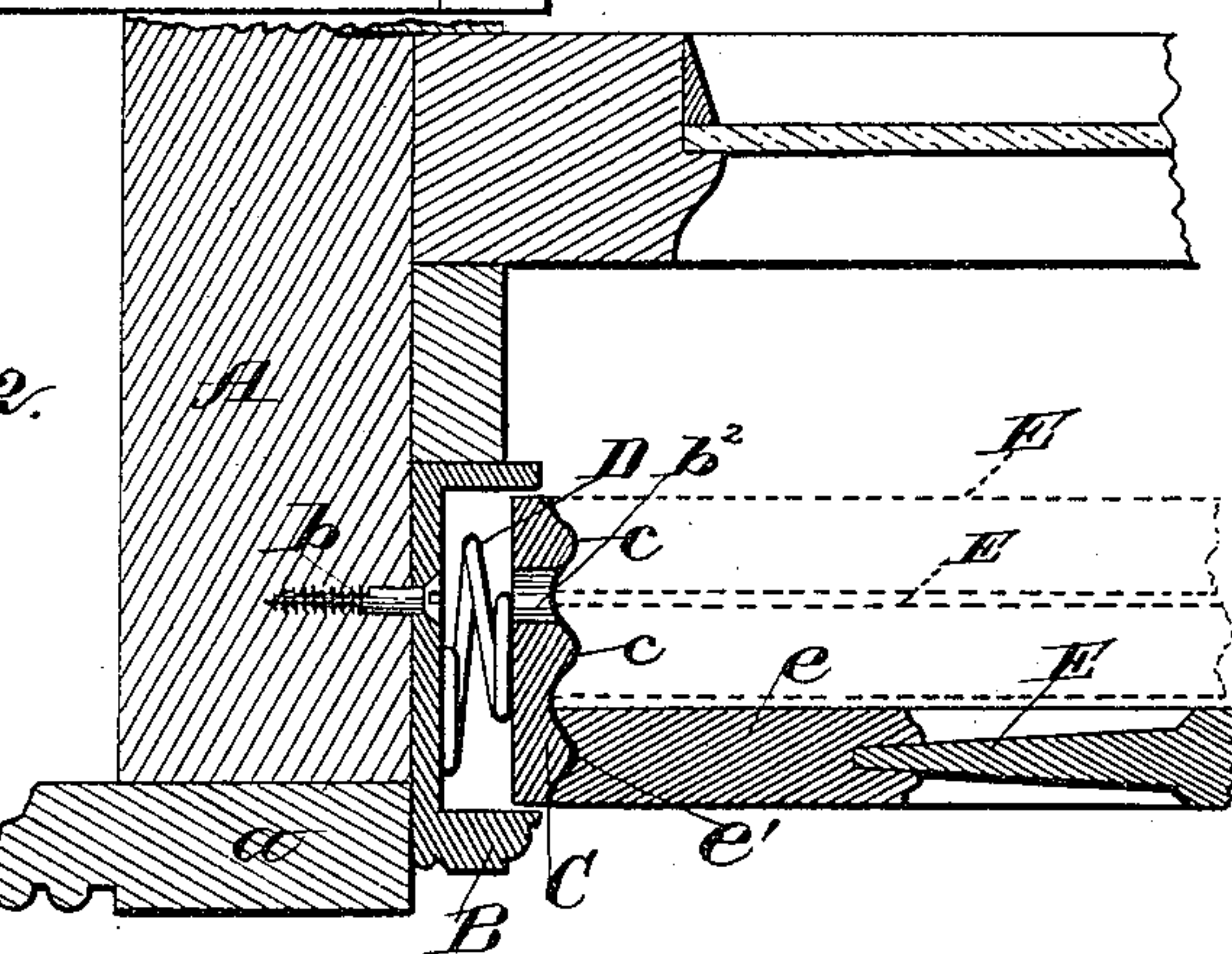


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE POPPERT, OF MILWAUKEE, WISCONSIN.

GUIDE-FRAME FOR SLIDING WINDOW-BLINDS.

SPECIFICATION forming part of Letters Patent No. 362,854, dated May 10, 1887.

Application filed February 23, 1886. Serial No. 192,779. (No model.)

To all whom it may concern:

Be it known that I, GEORGE POPPERT, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Guide-Frames for Sliding Window-Blinds; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to guide-frames for sliding window-blinds; and it consists in certain peculiarities of construction, as will be fully set forth hereinafter.

In the drawings, Figure 1 is a front elevation of a window-casing with my invention applied thereto. Fig. 2 is a transverse horizontal section, and Fig. 3 is a vertical section at right angles to the section-line of Fig. 2, through the guide-frame and adjacent parts; and Fig. 4 is a perspective view of one of the springs.

A represents one of the jambs or side boards of the window-casing, and *a a* are the ornamental strips concealing the edges of the same, while *B B* designate the casings of the guide-frames C. These casings B are like boxes, open at one side and at the top and bottom ends, and are placed vertically against the side boards, A, and strips *a* of the window-casings, and secured thereto by screws *b b*, as shown, or otherwise, as most convenient.

The guide-frames C consist of vertical strips, of a width to enable them to just fit inside the box-like casings B. On their inner or concealed sides these frames C are preferably smooth, and are adapted to bear against the springs D D, which are secured, preferably, to the casings B, (though obviously the said springs may be secured to the inner side of the frames C instead.) The outer side of the frames C is provided with a series of beads, *e e e*, (three in the illustration given,) while between each bead the surface of the frame is rounded, so as to present no sharp corners or angles for the lodgment of dirt.

The edges of the stiles *e* of the sliding blinds

E are furrowed out to form coves *e'*, corresponding to the shape of the said beads *e*, on which the blind-stiles slide. Each blind slides freely up and down on the beads of the guide-frame, and is held in any preferred position in which it may be left by the expansive force of the springs D D, which are always concealed from sight, and hence are kept clean and in order without trouble, and at the same time will always yield sufficiently to enable any blind to be removed at any time, if desired, and to be readily replaced.

In order to prevent the frames C from being sprung away from the casing, screws *b' b'* are passed through smooth holes in the casing from the rear into the adjacent side of the said frames C, and holes or pockets *a' a'* are formed in the jambs A to receive the heads of the said screws *b'* when the frames are pressed into their boxes or casings B against the force of the springs D. Inasmuch as the casings B and frames C are thus united together, in order to secure the casing B to the jamb A, holes *b'' b''* are provided in the frames C to admit of the passage of the screws *b* and a screw-driver to drive them to place.

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

In a guide-frame for sliding window-blinds, the combination of suitable boxes or casings, movable vertical guide-strips, springs interposed between the said parts, and screws passed through holes in the casing and secured to the adjacent surface of the guide-strip, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

GEORGE POPPERT.

Witnesses:

H. G. UNDERWOOD,
MAURICE F. FREAR.