

(No Model.)

I. HALF.
FOLDING BED LOUNGE LEG.

No. 389,299.

Patented Sept. 11, 1888.

Fig. 1.

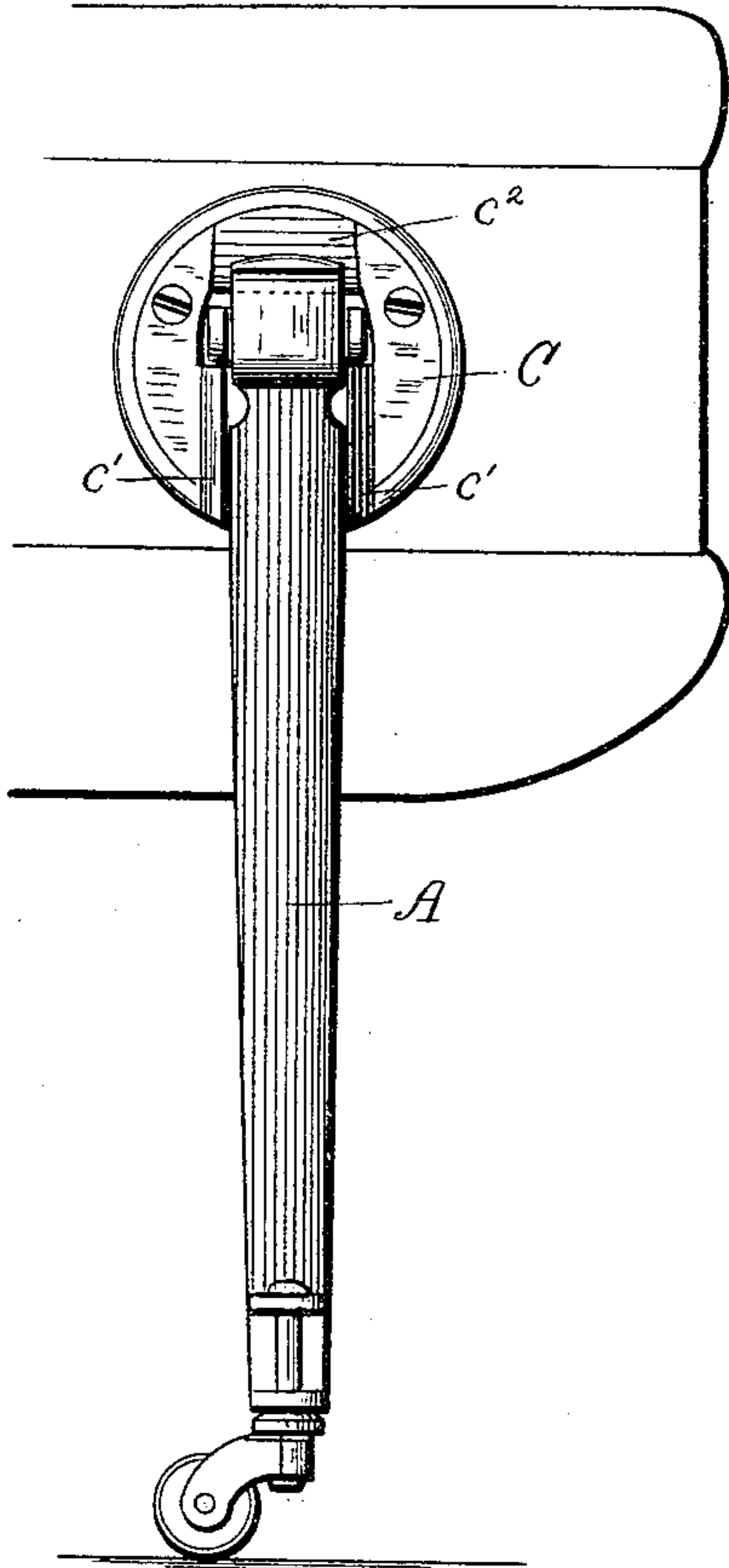


Fig. 2.

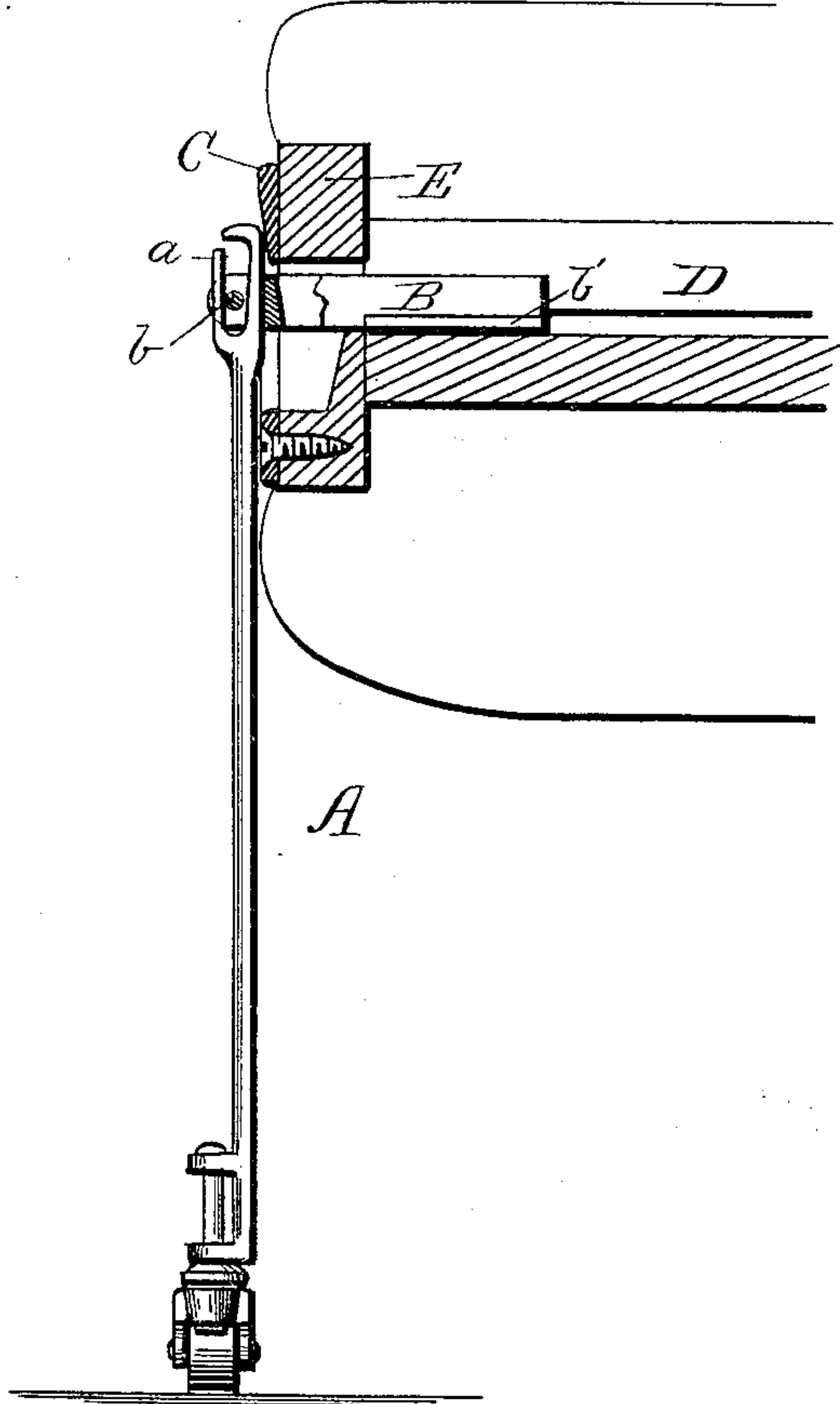


Fig. 3.

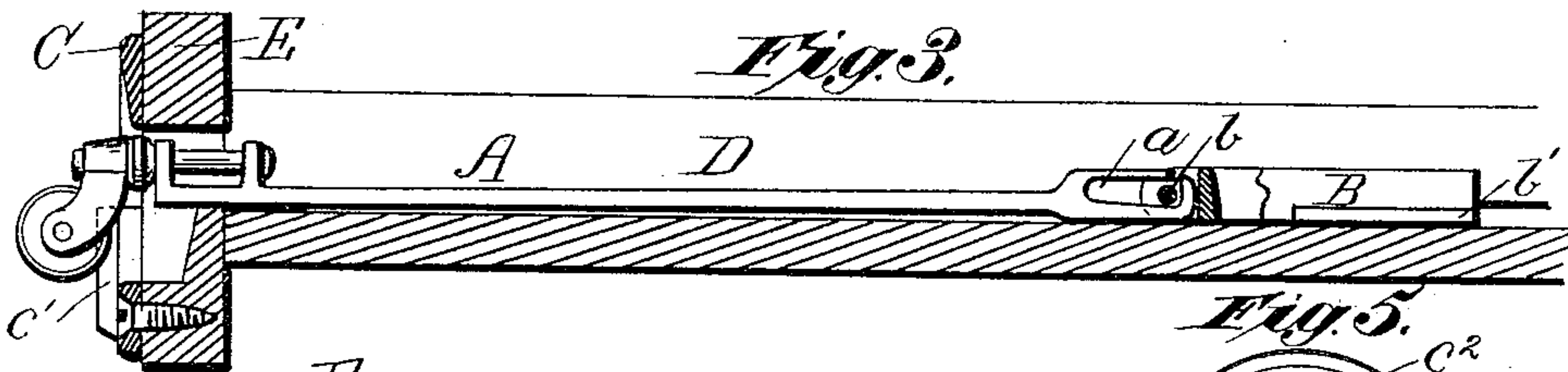


Fig. 4.

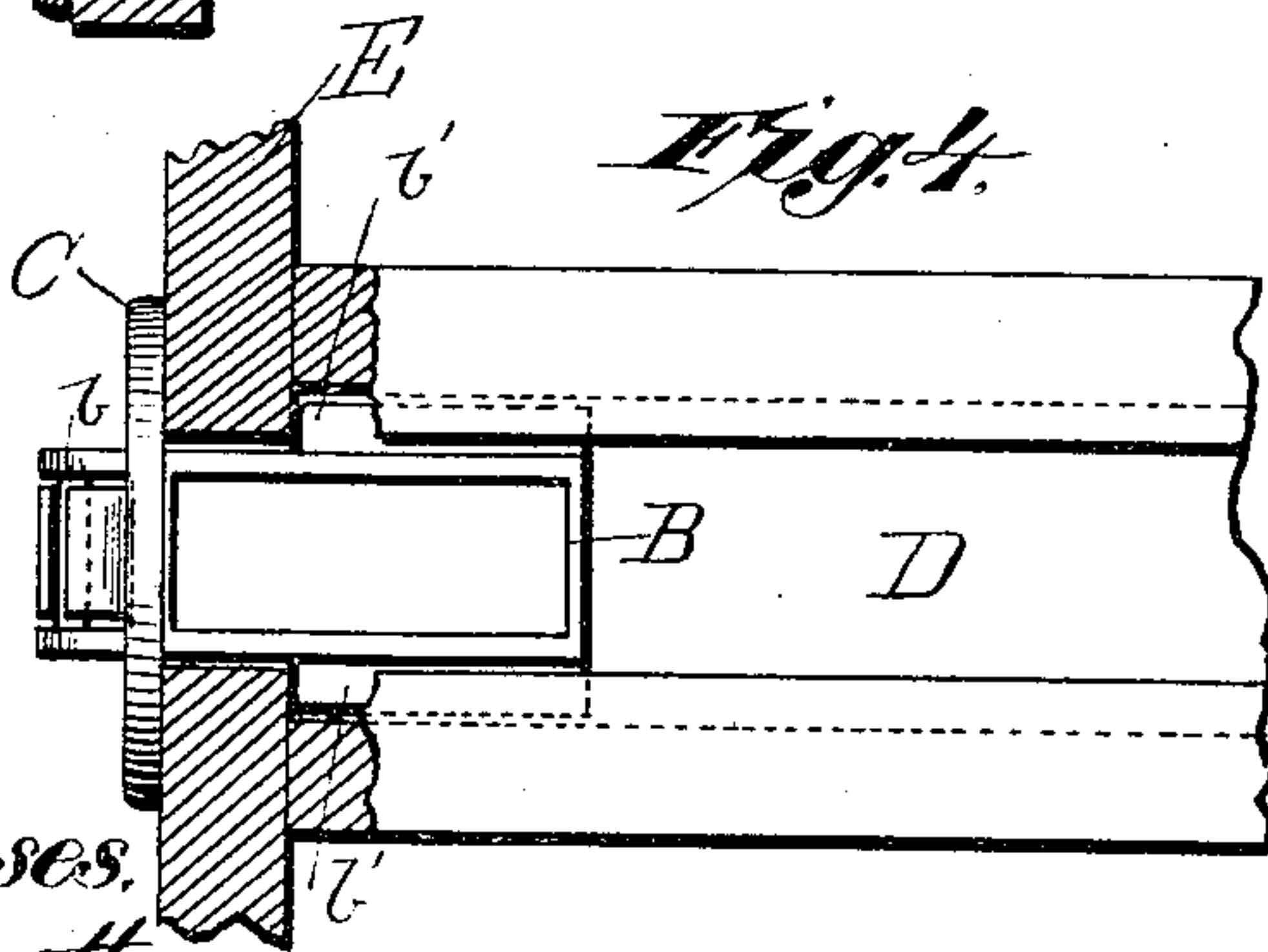


Fig. 5.

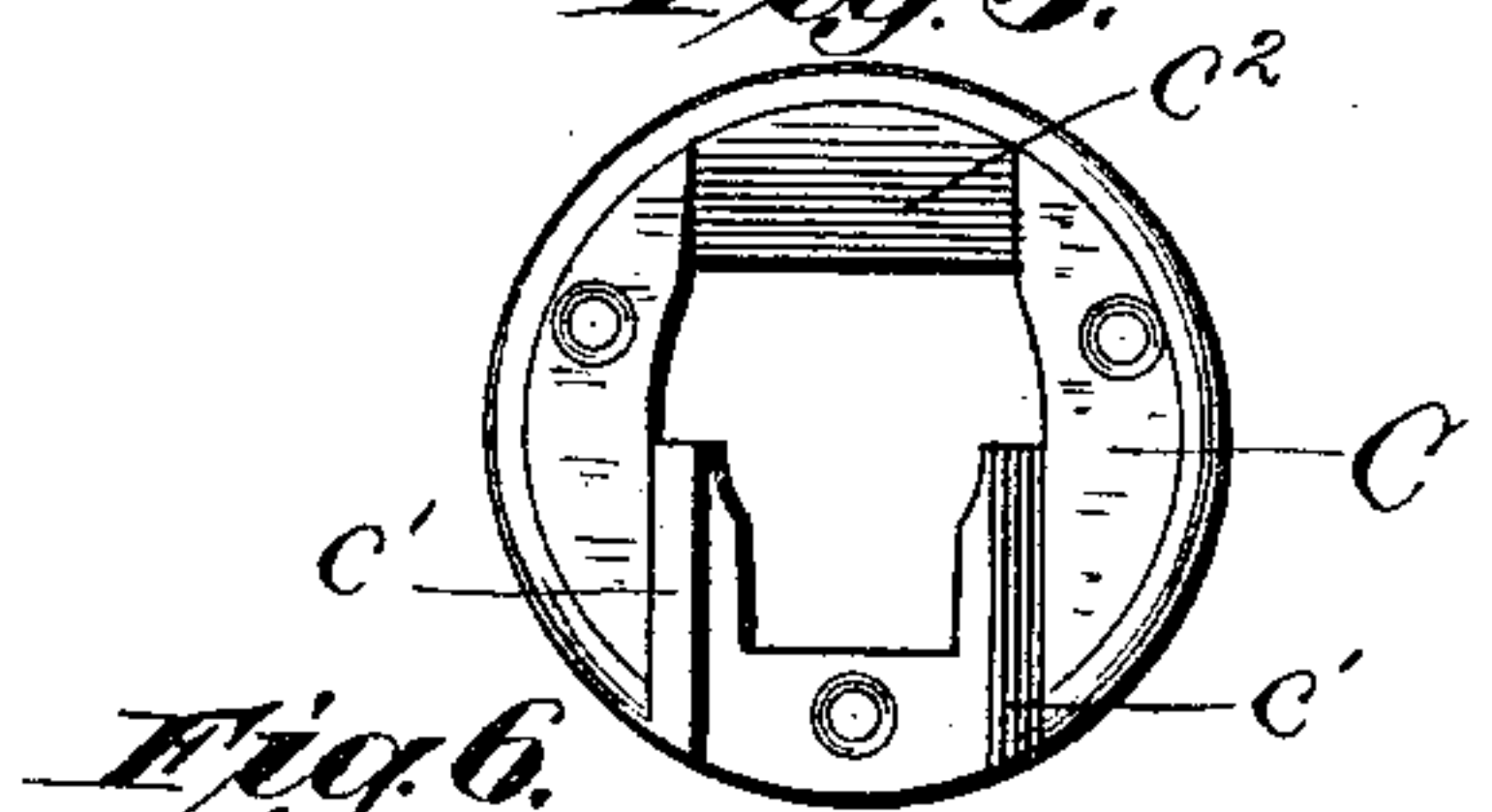
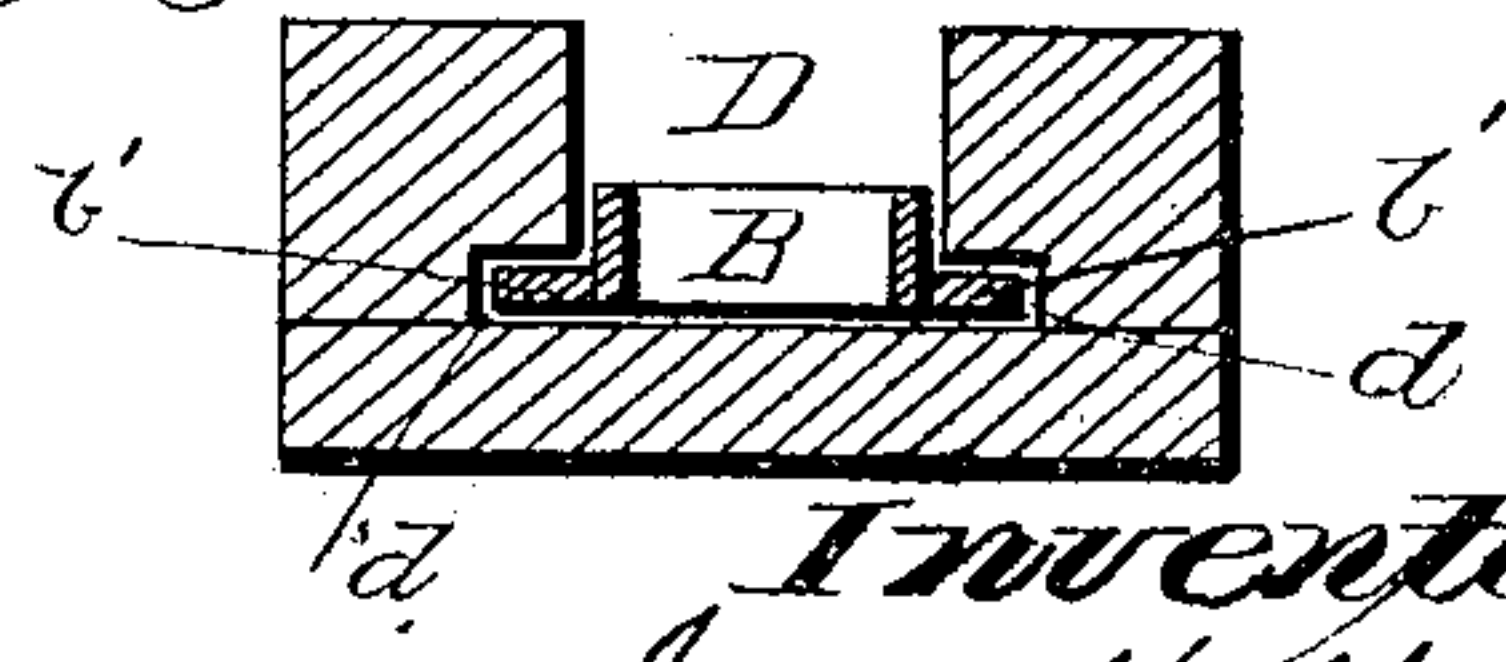


Fig. 6.



Witnesses.
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UNITED STATES PATENT OFFICE.

ISAAC HALF, OF MARYSVILLE, OHIO.

FOLDING BED-LOUNGE LEG.

SPECIFICATION forming part of Letters Patent No. 389,299, dated September 11, 1888.

Application filed January 28, 1888. Serial No. 262,259. (No model.)

To all whom it may concern:

Be it known that I, ISAAC HALF, a citizen of the United States, residing at Marysville, in the county of Union and State of Ohio, have
5 invented certain new and useful Improvements in Folding Bed-Lounge Legs; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to certain new and
15 useful improvements in folding legs for furniture, and is intended more especially for folding sofas or sofa-bedsteads, and has for its object to provide a jointed folding leg adapted to slide in a groove in the furniture out of the
20 way, and when pulled out drop down into position and be automatically locked in place; and to this end my invention consists in the construction and arrangement of parts hereinafter fully described, and more specifically
25 pointed out in the claims.

Figure 1 is a front elevation of the leg and part of a sofa-bedstead, showing the leg in a position for supporting the bed-section of the sofa. Fig. 2 is a side view of Fig. 1, partly in
30 section. Fig. 3 is a section through a portion of the sofa, showing the leg folded and pushed back in the groove; and Figs. 4, 5, and 6, detail views.

Referring to the drawings, the letter A indicates the leg proper, provided at its bottom
35 with two lugs, within which is journaled the shank of a caster. The upper end of the leg A terminates in an elongated slot, *a*, as more clearly shown in Figs. 2 and 3.

B indicates a guide-block bifurcated at one
40 end, and *b* a hinge-pin, which passes through the elongated slot in the leg A, by which the leg A and the guide-block B are hinged together. The guide-block B is provided upon
45 each side with a flange, *b'*, for the purpose hereinafter described.

C indicates a face-plate, consisting of a flat plate or disk having a central slot, *c*, of the
50 shape shown, to permit of the passage of the leg A and its caster through it, and is pro-

vided with two vertical parallel ribs, *c' c'*. The face-plate C is slightly beveled from its top to the upper extremity of the slot *c*, as seen at *c'*, for the purpose hereinafter described.

The sofa is provided with a groove, D, of a
55 size and length sufficient to contain the leg A and guide-block B, and said groove is provided at its bottom and on each side with rabbets *d d*, in which slide the flanges *b' b'* on the guide-block B. 60

In placing the leg upon the sofa the guide-block B is first slipped into the groove and the face-plate C slipped over the leg A and
screwed upon the front E of the sofa.

The operation of the device is as follows: 65
When the sofa is to be folded up, the leg is raised until it is in line with the guide-block B, and both it and the said guide-block are pushed back within the groove D out of the
70 way. When it is desired to employ the leg to support the sofa after it has been unfolded, the leg A is pulled out until the flanges *b' b'* on the guide-block B strike the front E of the sofa, and the leg A is allowed to drop down
75 to a right angle with the guide-block B and rest upon the floor. The weight of the sofa will cause the hinge-pin *b* on the guide-block B to drop to the bottom of the elongated slot at the top of the leg A, and the beveled portion *c'* of the face-plate C will exert a wedge-
80 like action upon the upper end of the leg A, drawing the leg into close contact with the face-plate, and firmly locking said leg in position. When the leg is in this position, the
85 ribs *c' c'* on the face-plate will embrace the leg on each side and prevent any lateral displacement thereof.

In the drawings I have shown the elongated slot at the upper end of the leg A made by
90 bifurcating the upper end of said leg and bringing the ends thereof together, (see Figs. 2 and 3,) and the inner member of said bifurcated portion is made slightly wedge-shaped to assist in firmly locking the leg in position; but it is manifest that the elongated slot may
95 be formed in any suitable manner.

From the above description it will be seen that it is merely necessary to draw out the leg from the groove in the sofa and allow it to drop down to a vertical position, the weight
100

of the sofa automatically locking the leg in position.

What I claim is—

1. The combination, with the leg A and guide-
5 block B, hinged together, of the face-plate C, having a central aperture, as shown, and provided with the vertical ribs c' c' , substantially as described, and for the purpose specified.
2. The combination, with the leg A and guide-
10 block B, hinged together, of the face-plate C,

having a central aperture, as shown, and provided with vertical ribs c' c' and beveled portion c^2 , substantially as described, and for the purpose specified.

In testimony whereof I affix my signature in 15
presence of two witnesses.

ISAAC HALF.

Witnesses:

LEONIDAS PIPER,
JAMES W. ROBINSON.