

No. 740,277.

PATENTED SEPT. 29, 1903.

C. E. HOUSTON.
ADJUSTABLE SHADE HOLDER.
APPLICATION FILED JAN. 7, 1903.

NO MODEL.

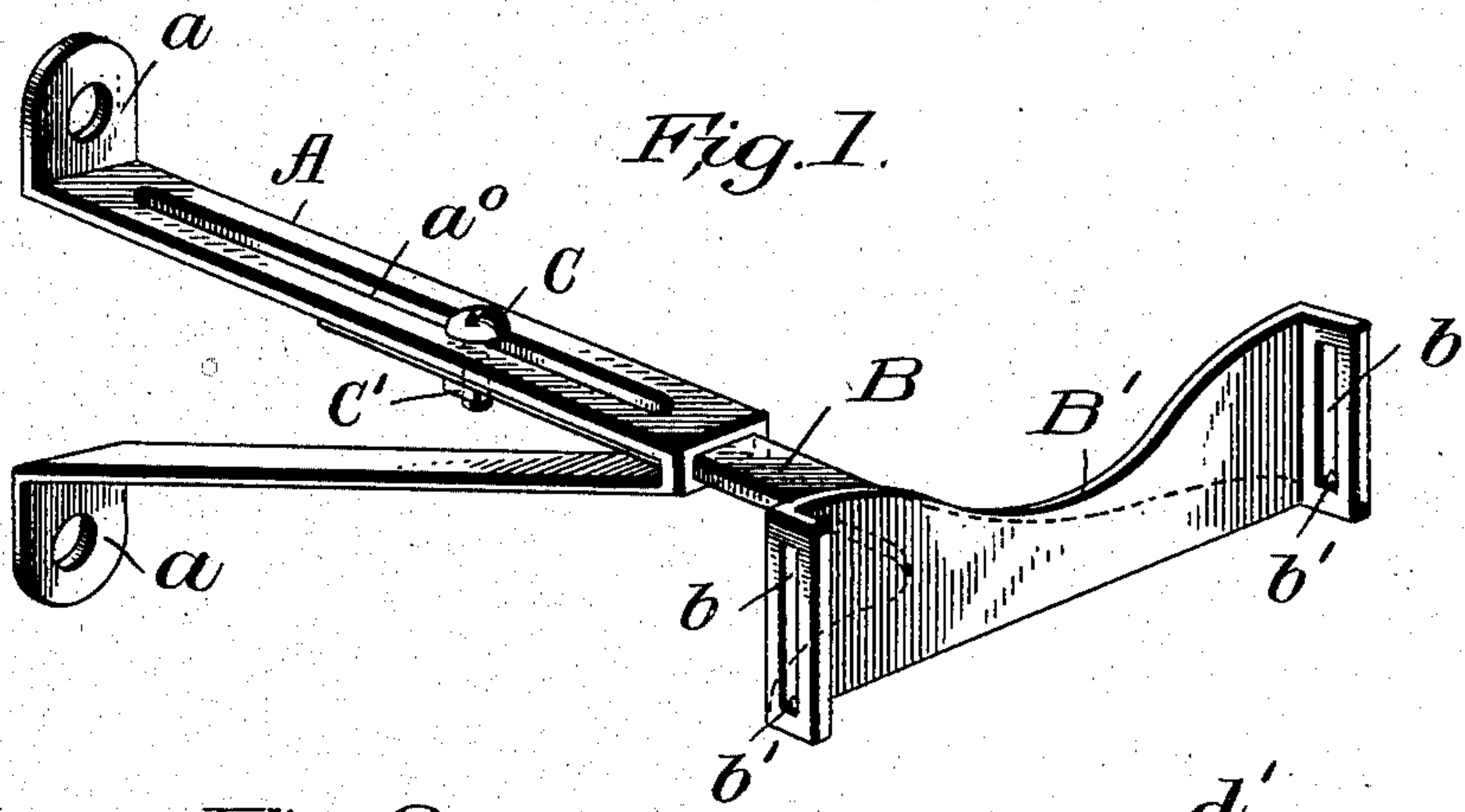


Fig. 1.

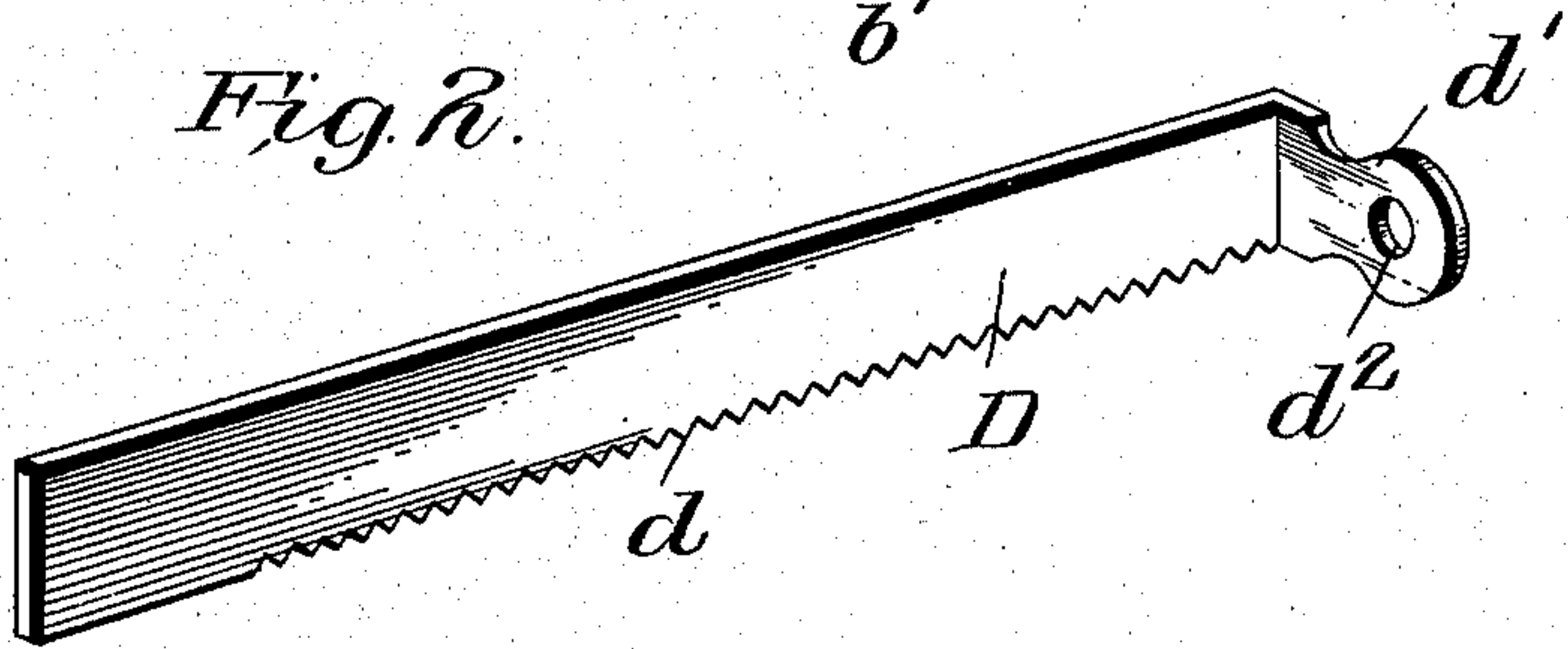


Fig. 2.

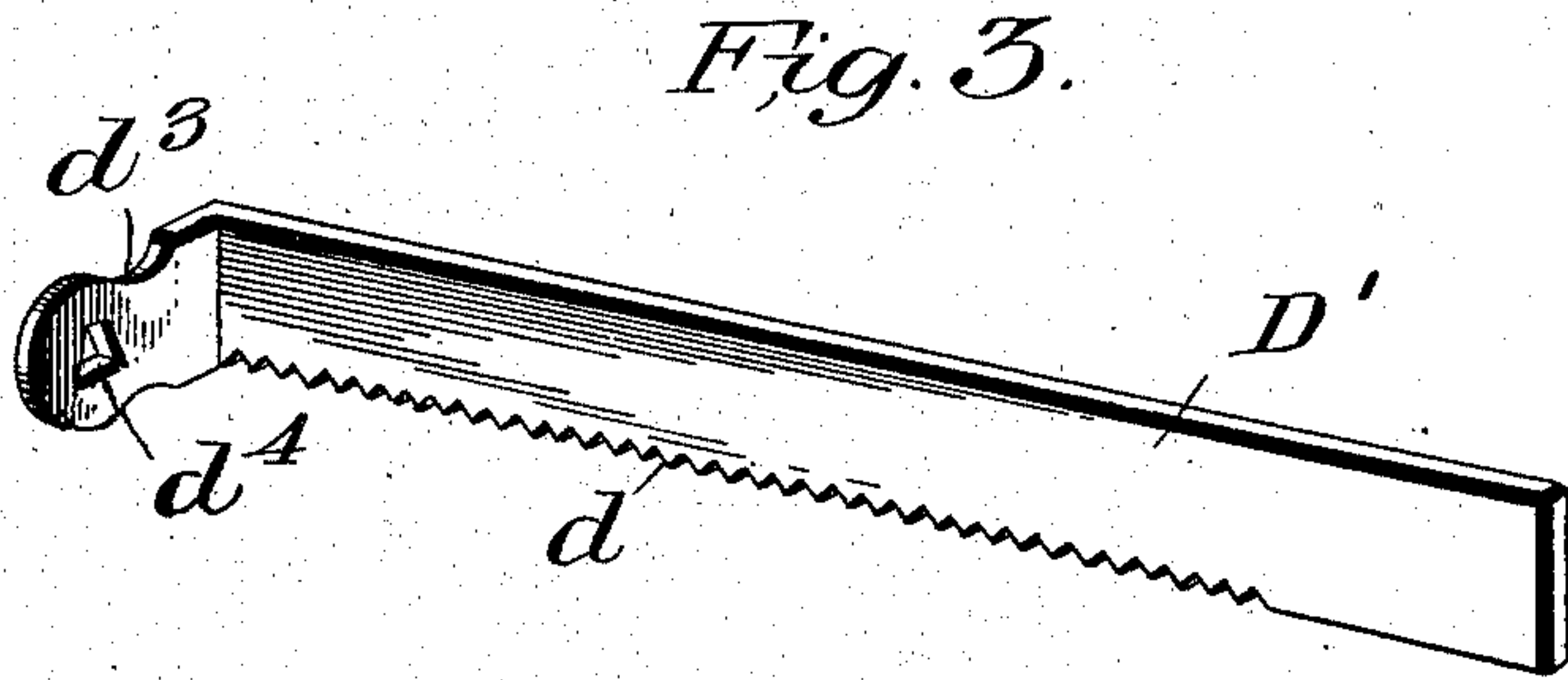
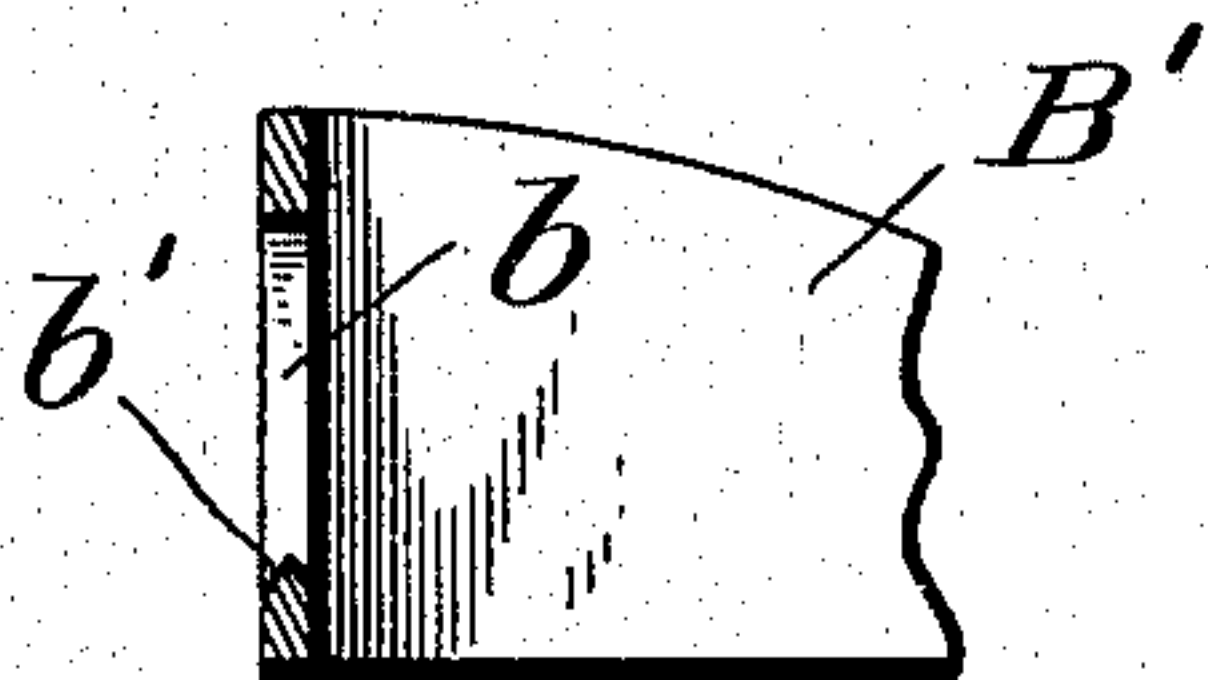


Fig. 3.

Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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ADJUSTABLE SHADE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 740,277, dated September 29, 1903.

Application filed January 7, 1903. Serial No. 138,155. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. HOUSTON, a citizen of the United States, and a resident of Hutchinson, in the county of Reno and State of Kansas, have invented certain new and useful Improvements in Adjustable Shade-Holders; and I do hereby declare the following to be a full, clear, and exact description of such invention, such as will enable others skilled in the art to which it appertains to manufacture and use the same.

My invention relates to improvements in adjustable shade-holders; and the objects are to provide a shade-holder that can be fastened either to the sash of the window or to the window-frame, so that shade-rollers of different lengths may be used without the necessity for the defacing of the window frames or casings by the use of nails or screws. Moreover, the herein-described shade-holder is intended to obviate the necessity for nice adjustments for putting on the brackets and also to save time and trouble in fitting the shade to the holder.

My invention will be understood by reference to the accompanying drawings, in which the same parts are indicated by the same letters throughout the several views.

Figure 1 is a perspective view showing one of the brackets and the adjustable arm carried thereby. Fig. 2 is a perspective view showing one of the adjustable holders carried by said arm. Fig. 3 is a perspective view showing the opposite holder, and Fig. 4 is a detail showing part of the adjustable arm shown in perspective in Fig. 1.

Referring to Figs. 1 and 4, A represents the bracket, having lugs *a*, to be secured by screws or nails either to the sash of the window or to the window-frame. This bracket is slotted, as at *a'*, to receive the screw C, which is mounted in the arm B, and the said arm is clamped at the desired position by means of the screw C and the nut C'. This arm B carries a plate B', which is slotted, as at *b*, for the passage therethrough of the adjustable member D, which member is provided with teeth *d* to engage the corresponding teeth *b'* at the base of the slots *b* of the plate B'. There are two of these adjustable members, one of which, B, is provided with an arm *d'*, with a round hole *d''* to permit the free

rotation therein of the pin on the end of the shade, while the other member D' is provided with an arm *d''*, having an angular hole *d'''* therein to hold the pin which is secured to the coil-spring inclosed in the other end of the shade. This construction of shade being well known is not shown in the drawings or described in the specification.

It will be evident that the two brackets A may be secured at any desired position on the window-sash or on the window or door frame and that the arm B may be moved out or in to vary the distance of the shade from the sash or frame, while the members D and D', either or both of them, may be moved longitudinally to adjust for the length of the shade.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a shade-holder, the combination with a bracket and an arm sliding therein, of means for adjustably connecting said arm to said bracket, a plate secured to said bracket and provided with outwardly-projecting lugs with slots therein and teeth at the base of said slots, and a sliding member having teeth engaging the teeth at the base of said slots and provided with an outwardly-extending arm perforated to receive the pivot of the curtain-holder, substantially as described.

2. In a shade-holder, the combination with a bracket provided with a slot therein, of an arm adapted to slide in said bracket, a screw and nut adapted to clamp said arm in the desired position relative to said bracket, a plate secured to said bracket and provided with outwardly-projecting lugs with slots therein and teeth at the base of said slots, and a sliding member having teeth engaging the teeth at the base of said slots and provided with an outwardly-extending arm perforated to receive the pivot of the curtain-holder, substantially as described.

In testimony whereof I have hereunto signed my name to this specification in the presence of two subscribing witnesses.

CHARLES E. HOUSTON.

Witnesses:

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