

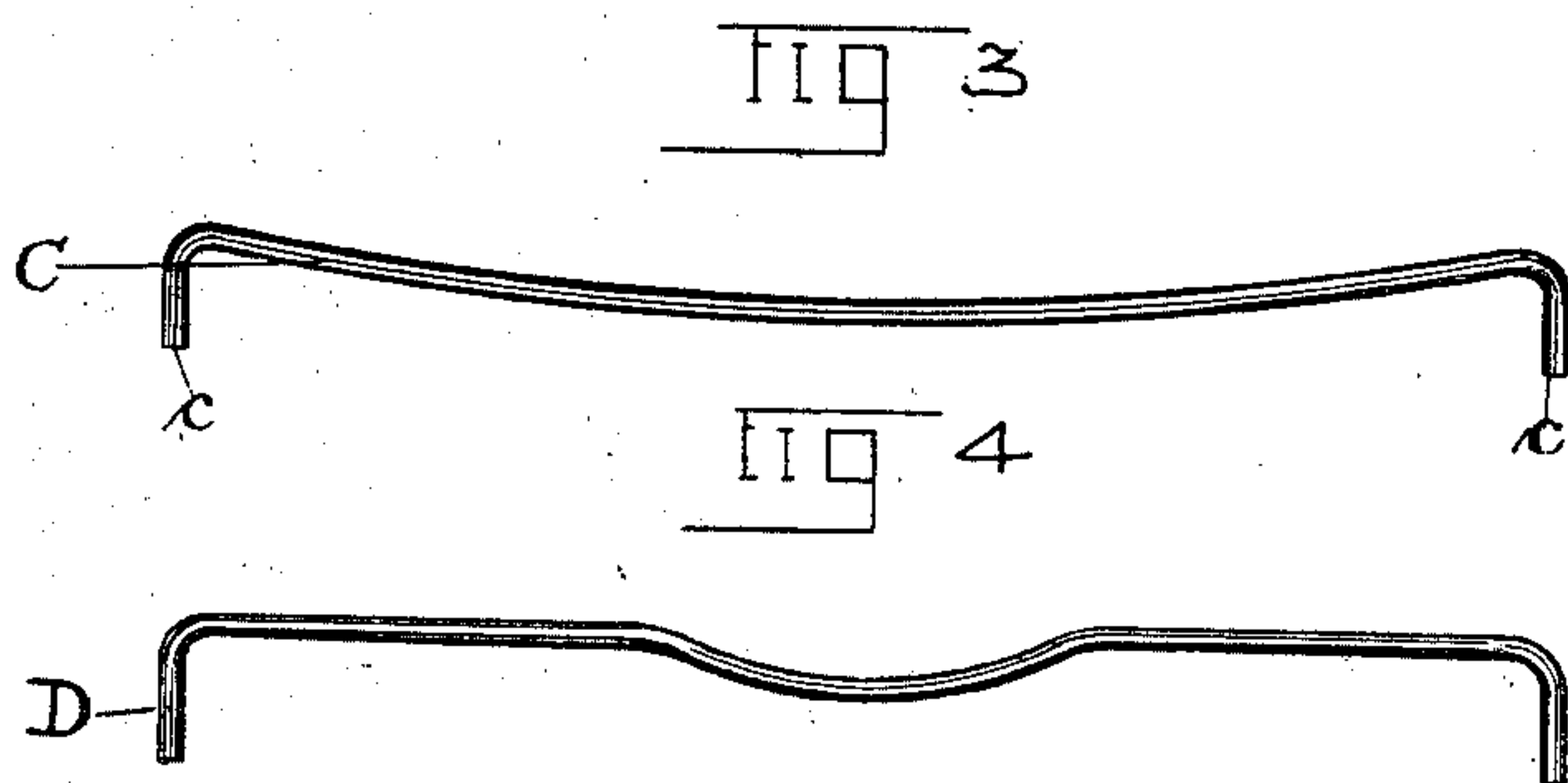
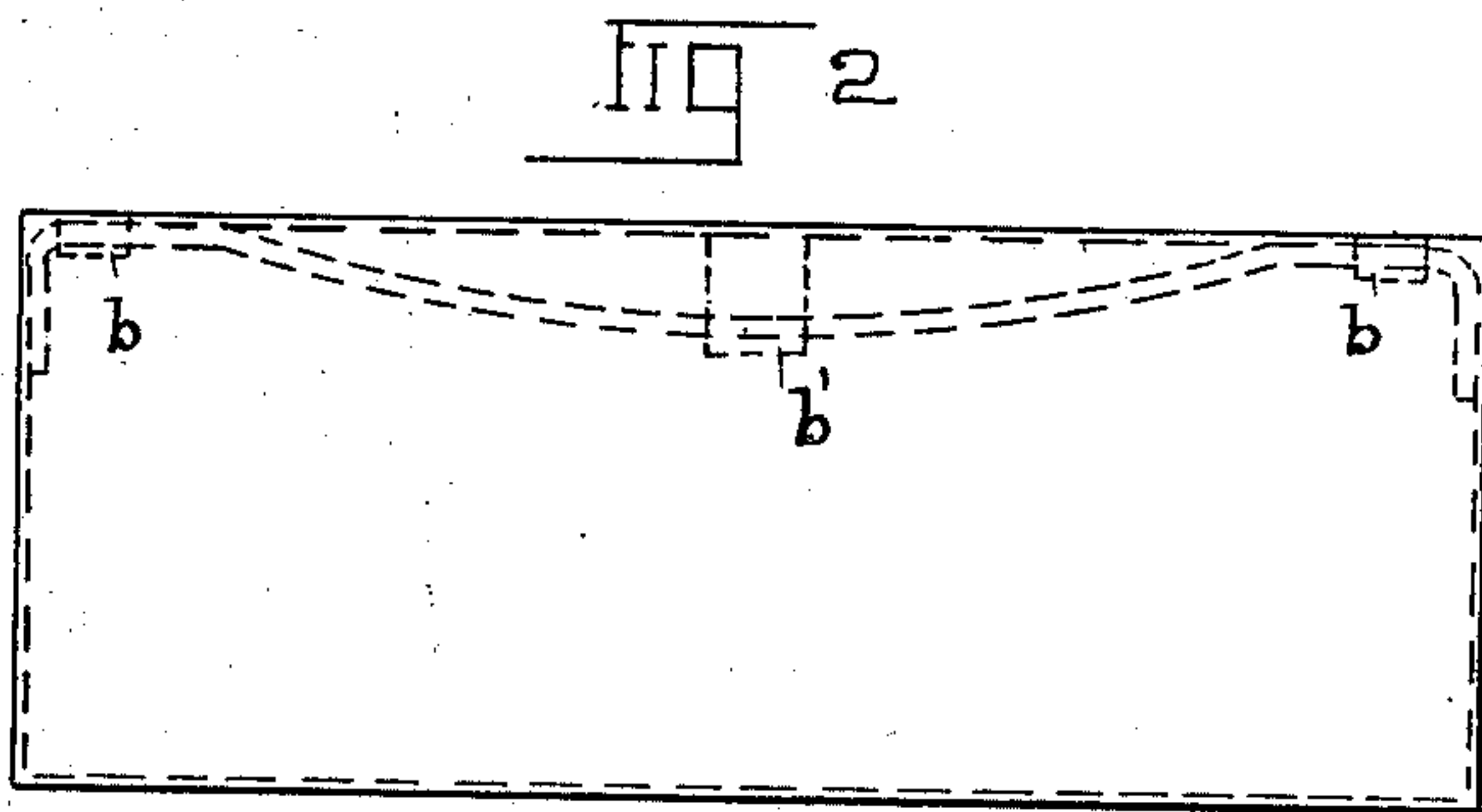
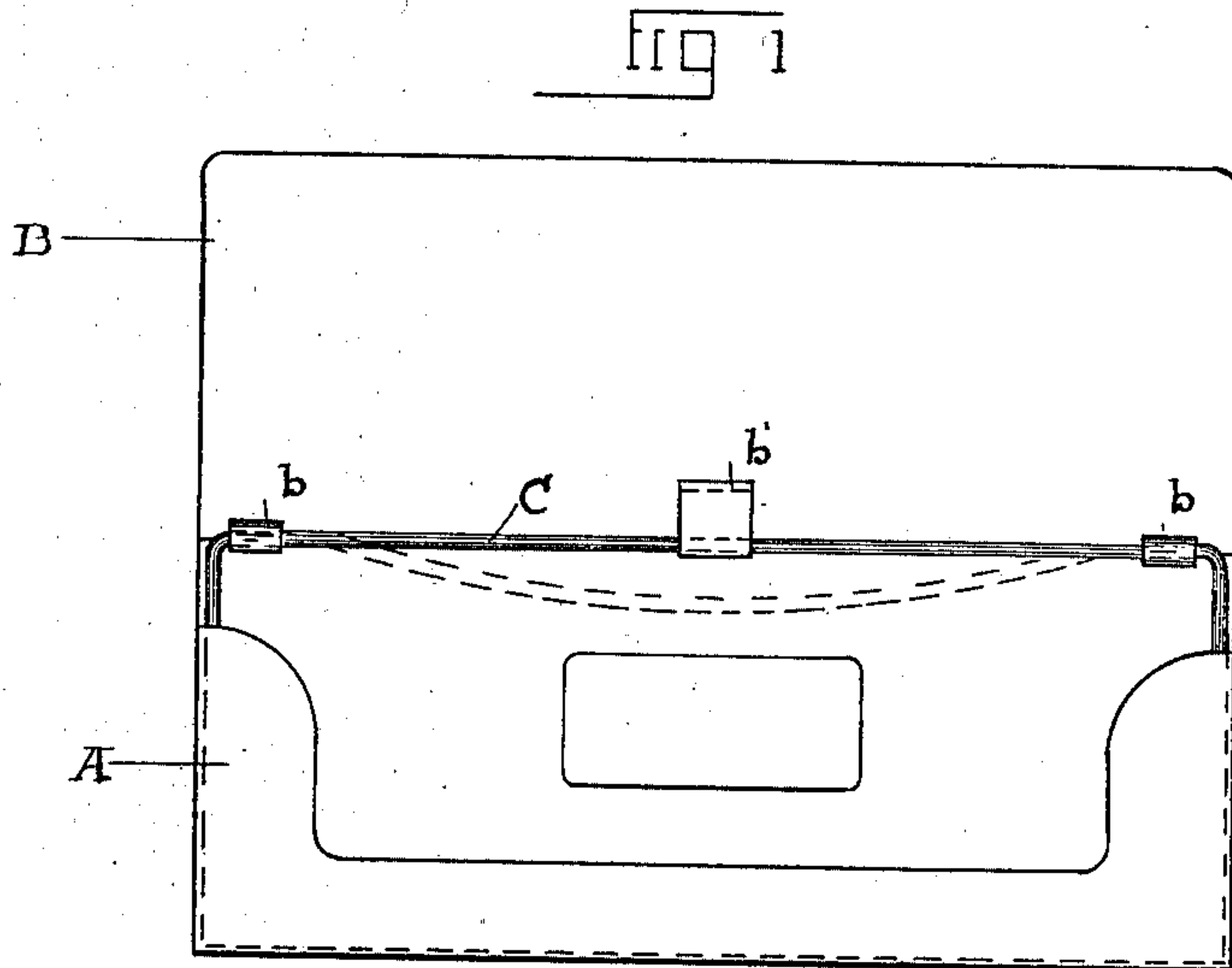
No. 735,431.

PATENTED AUG. 4, 1903.

L. F. ADT.
EYEGGLASS HOLDER.

APPLICATION FILED MAR. 13, 1903.

NO MODEL.



WITNESSES
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UNITED STATES PATENT OFFICE.

LEO F. ADT, OF ALBANY, NEW YORK.

EYEGLASS-HOLDER.

SPECIFICATION forming part of Letters Patent No. 735,431, dated August 4, 1903.

Application filed March 13, 1903. Serial No. 147,688. (No model.)

To all whom it may concern:

Be it known that I, LEO F. ADT, a citizen of the United States, residing at Albany, in the county of Albany and State of New York; have invented certain new and useful Improvements in Eyeglass-Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to cases or holders adapted to contain eyeglasses and other articles, and has for its object to provide means adapted to close the case by means of spring tension and permit it to be opened evenly without the aid of such spring tension, and thereby avoid jarring the contents of the case. The cases heretofore used for this purpose have been supplied with springs so constructed and arranged as to throw the cover open violently, thereby jarring the case to such an extent as to frequently throw out the contents. Such disadvantages are overcome in my construction by the means illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of an opened case embodying my invention. Fig. 2 is a plan view of the case closed. Fig. 3 is a plan view of a hinge-pin, and Fig. 4 is a modification of said hinge-pin.

As illustrated in the drawings, A represents one member of a case adapted to hold eyeglasses and preferably used as the bottom or box of said case, and B represents an opposite member or cover, which is provided on its inner edge with hinge-lugs *b*. The inner edge of said cover B is also provided at its central portion with a lip *b'*, forming a socket with the inner face of the cover B for the purpose hereinafter described. A hinge-pin C, of spring metal, is provided with offset ends *c*, which are firmly secured to one of the members of the casing, preferably the box portion A. This hinge-pin also passes through the hinge-lugs *b* and forms a hinge-joint therewith, whereby the two members of said case are secured together. The central portion of the hinge-pin is offset from the axial line of said hinges, and said offset portion preferably extends from said hinges to the central portion of the hinge-pin, as shown in Fig. 3. The central or offset portion of the hinge-pin

C engages the lip *b'* of the member B, and when the case is open the central portion of the hinge-pin is held back by said lip in substantially a straight line, as shown in Fig. 1, and in such position the lip *b'* resists the natural tendency of the central portion of the hinge-pin C to spring back into the position indicated by dotted lines in Fig. 1 and holds the central portion in the axial line of the hinges. As the two members of the case are brought together to close the case the central portion of the hinge-pin C remains in the position shown in Fig. 1 until the cover and the slotted or open portion of the loop formed by the lip *b'* are brought toward the plane of the bottom of the case. As the cover approaches such plane the central offset portion of the hinge-pin moves forward of the axial line of the hinges and bears against the lip *b'* at varying points forward of said axial line, thereby increasing its leverage on said lip and the member B, to which such lip is secured, until when near or at the point where the members are closed the central portion of the hinge-pin exerts the strongest pressure and tension in closing said members and holding them in such position. When the members are closed together, the central portion of the hinge-pin extends forward of the axial line of the hinges, as indicated by the dotted lines in Fig. 2.

In opening the case the members are separated from each other against the natural pressure of the offset central portion of the hinge-pin until such resistance is overcome, and the case is opened to its fullest extent without any uneven movement of said parts to disturb the contents of said case.

I do not desire to be limited to the specific construction of a hinge-pin shown herein, wherein the entire pin between its hinge connections is offset from such hinge connections, as such spring may be constructed as shown in Fig. 4, wherein only the central portion of such pin is offset from the axial line of the hinges of the casing. The lip *b'* may, if desired, be secured at both ends to the member B, or one end of such lip may be free, and the lip may be made of resilient metal, if desired. It is immaterial to which member of the case the hinge-pin C is secured. It may be secured to the bottom or top of the

case, as desired, and the lip *b'* attached to the opposite member, and either construction is contemplated in my invention.

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

1. In an eyeglass-holder, the combination with a box, of a hinge-pin secured at its ends to said box, and a cover hinged to said hinge-pin and provided with a socket engaging the central portion of said hinge-pin and adapted to permit said hinge-pin to move forward of the axial line of the hinges when the cover is being closed and to remain in said axial line when the cover is opened, substantially as shown and described.

2. In an eyeglass-holder, the combination with a box, of a hinge-pin having its ends secured to said box and its central portion offset from the axial line of the ends of said hinge-pin, and a cover hinged to said hinge-pin and provided on its inner edge with a socket adapted to permit the central portion of said hinge-pin to remain in the axial line of said hinges when the cover is opened and to exert a pressure on said socket forward of said axial line when the cover is closed, substantially as shown and described.

3. In an eyeglass-holder, the combination with a box, of a hinge-pin having its ends

secured to said box and a resilient central portion adapted to exert a pressure toward the forward edge of said box, and a cover hinged to said hinge-pin and provided on its inner edge with a socket adapted to engage the central portion of said hinge-pin and permit said central portion to exert a varying pressure on said cover when the cover is being closed, substantially as shown and described.

4. In an eyeglass-holder, the combination with a box, of a hinge-pin having its ends secured to said box and its central portion adapted to extend forward of the axial line of said hinge-pin, and a cover hinged to said pin and provided on its inner edge with a socket adapted to engage the central portion of said hinge-pin and to hold said central portion in the axial line of said pin when the cover is opened and permit said central portion to extend forward of said axial line when the cover is closed, substantially as shown and described.

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

LEO F. ADT.

Witnesses:

ROBERT W. HARDIE,
ALBERT J. DANAHER.