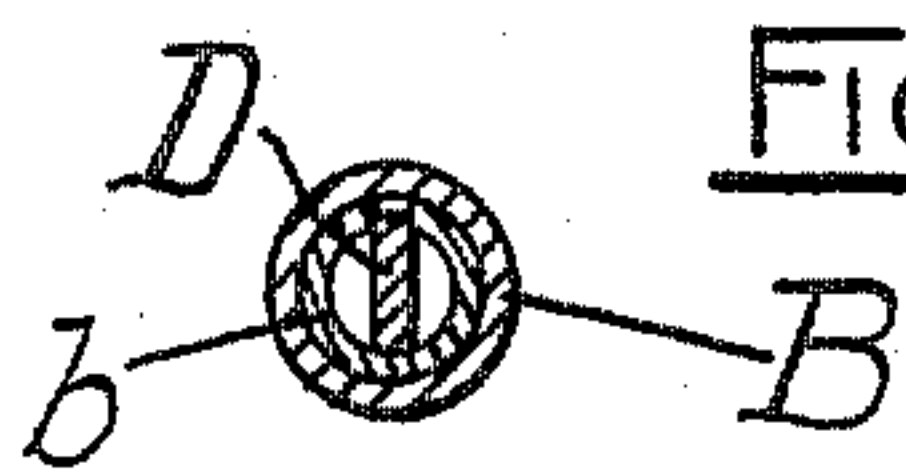
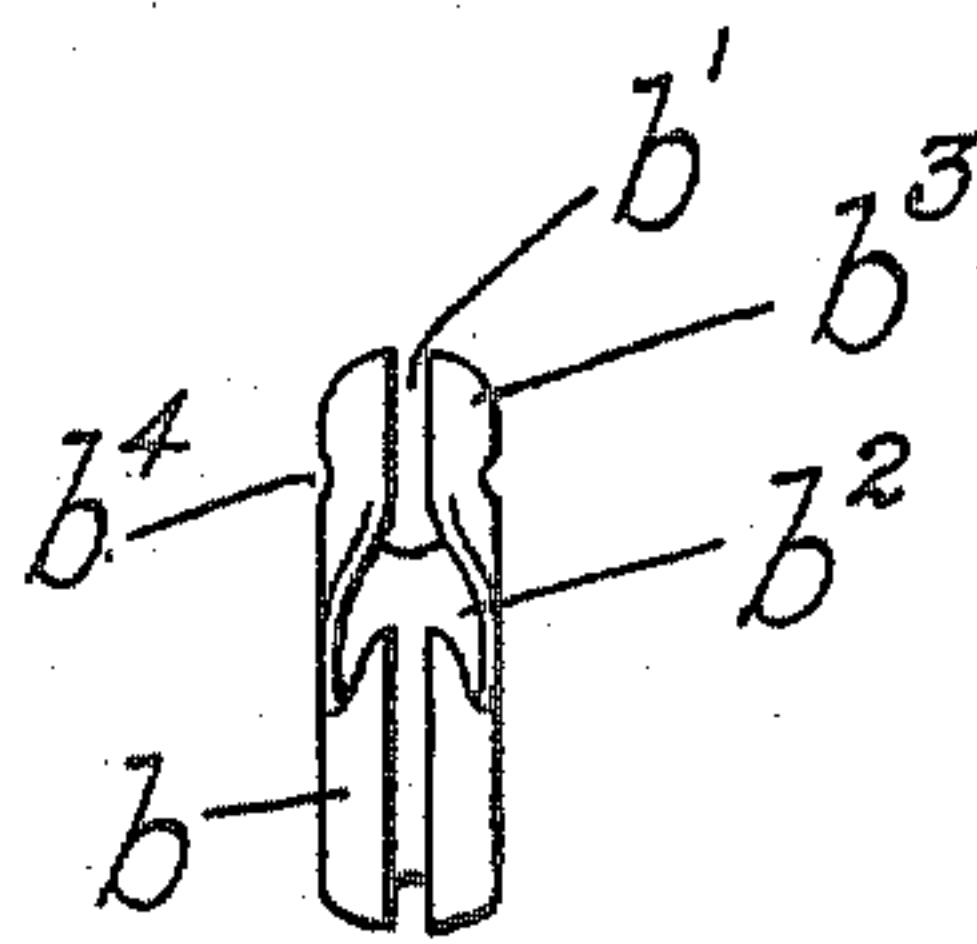
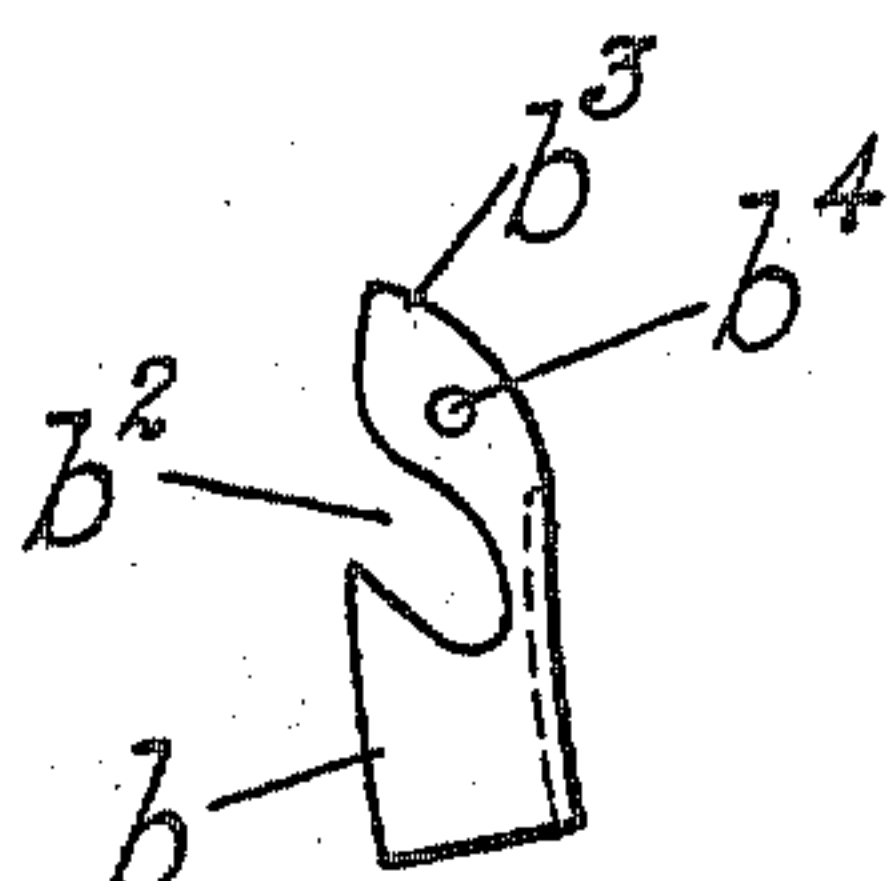
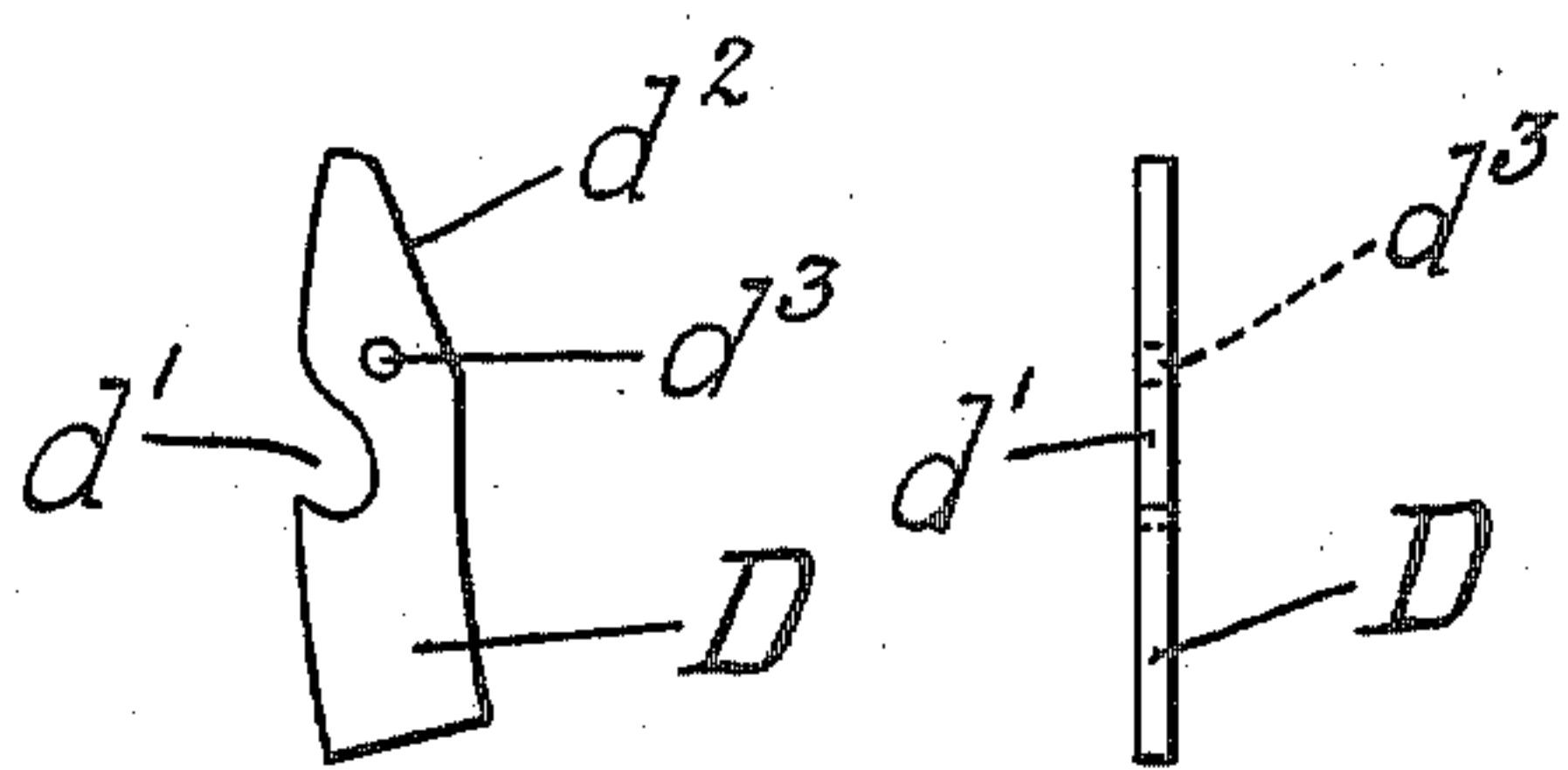
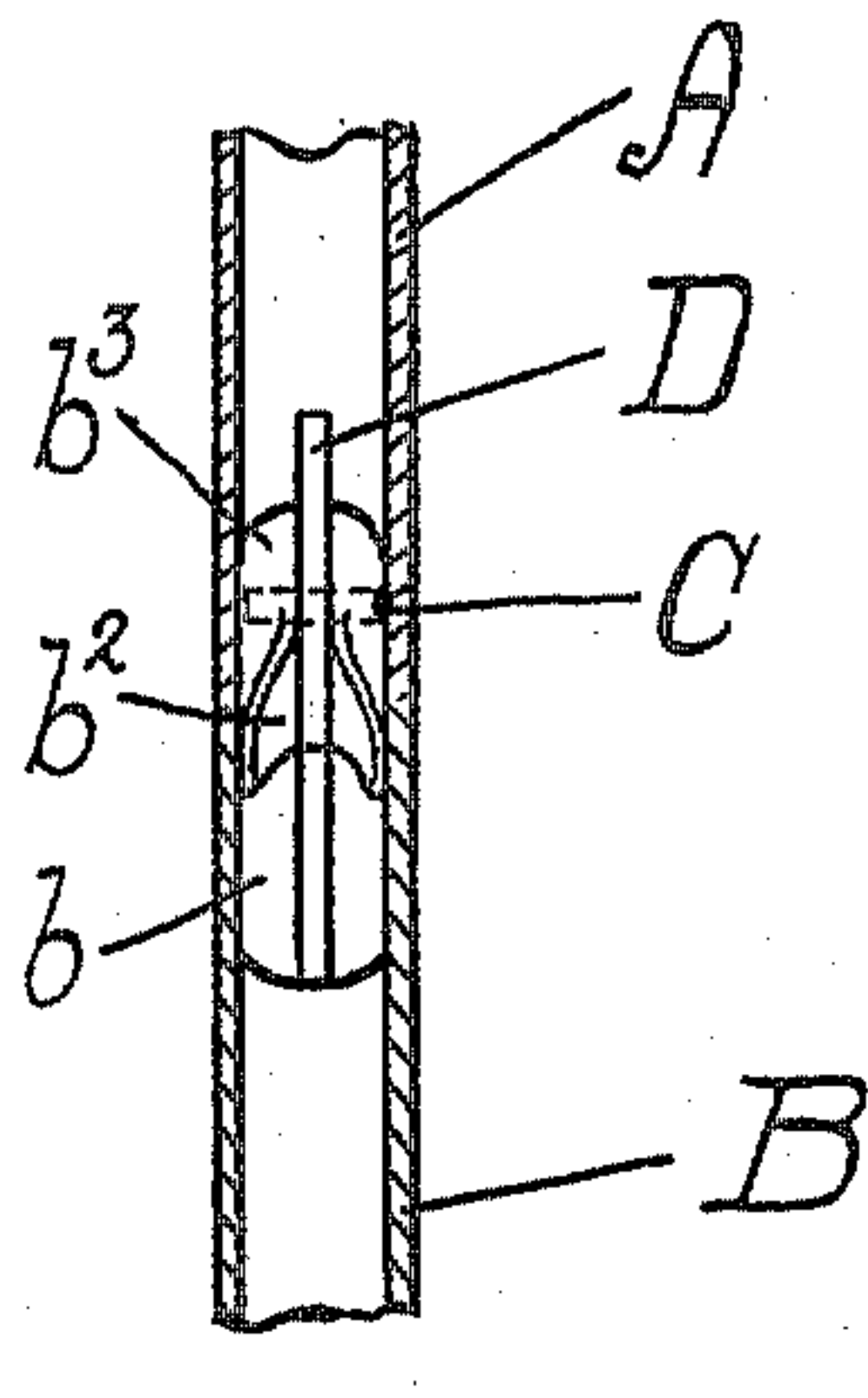
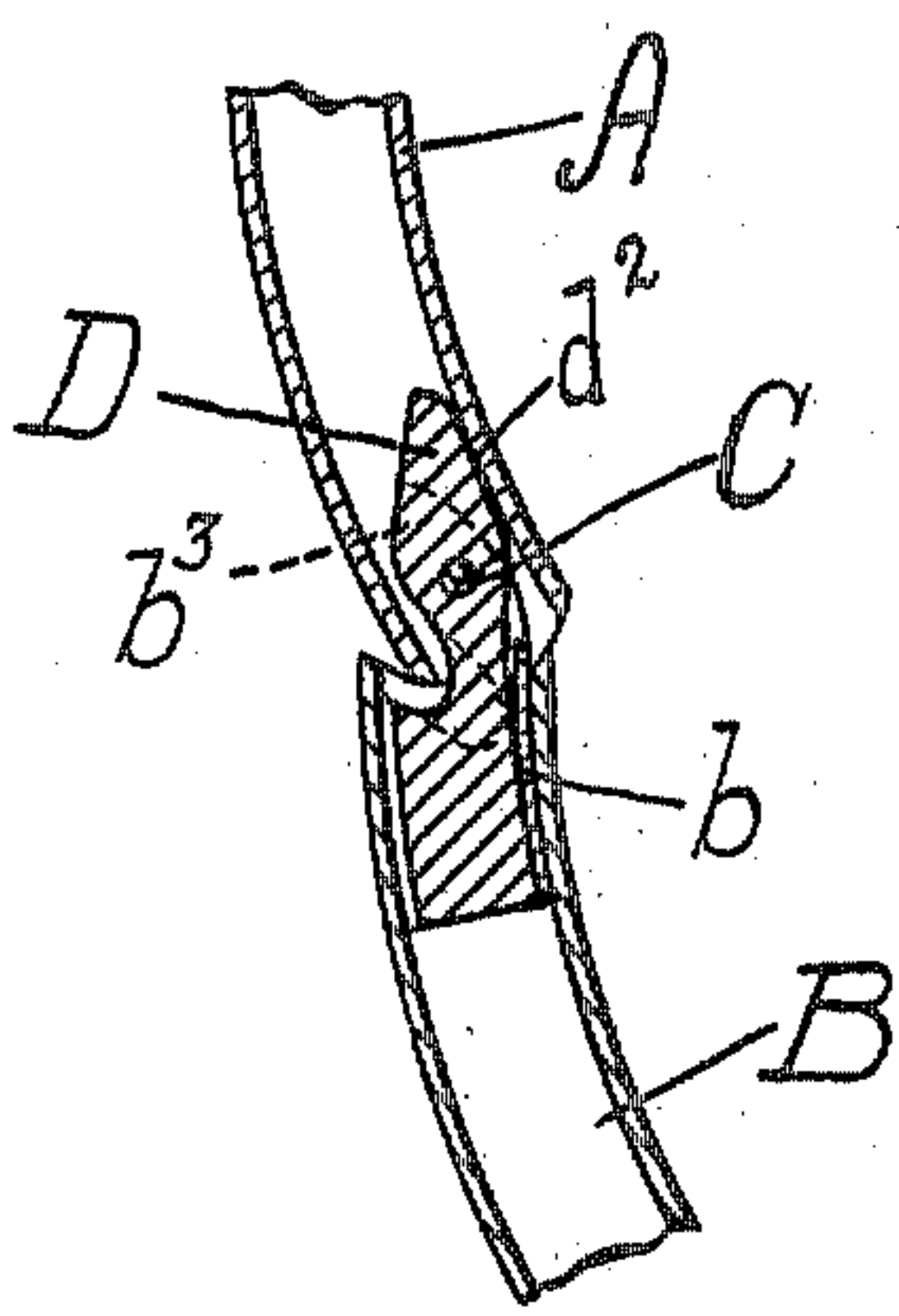
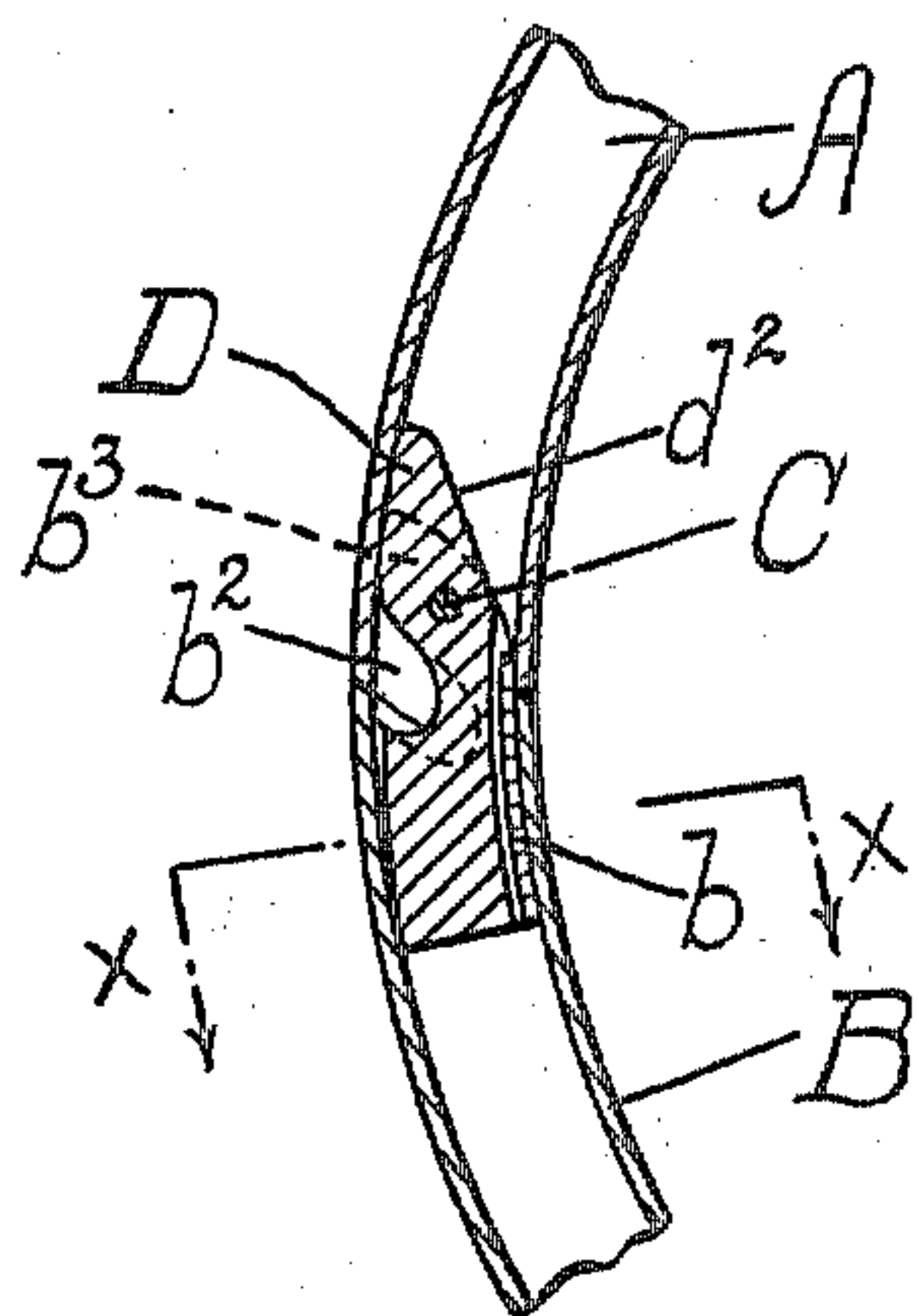
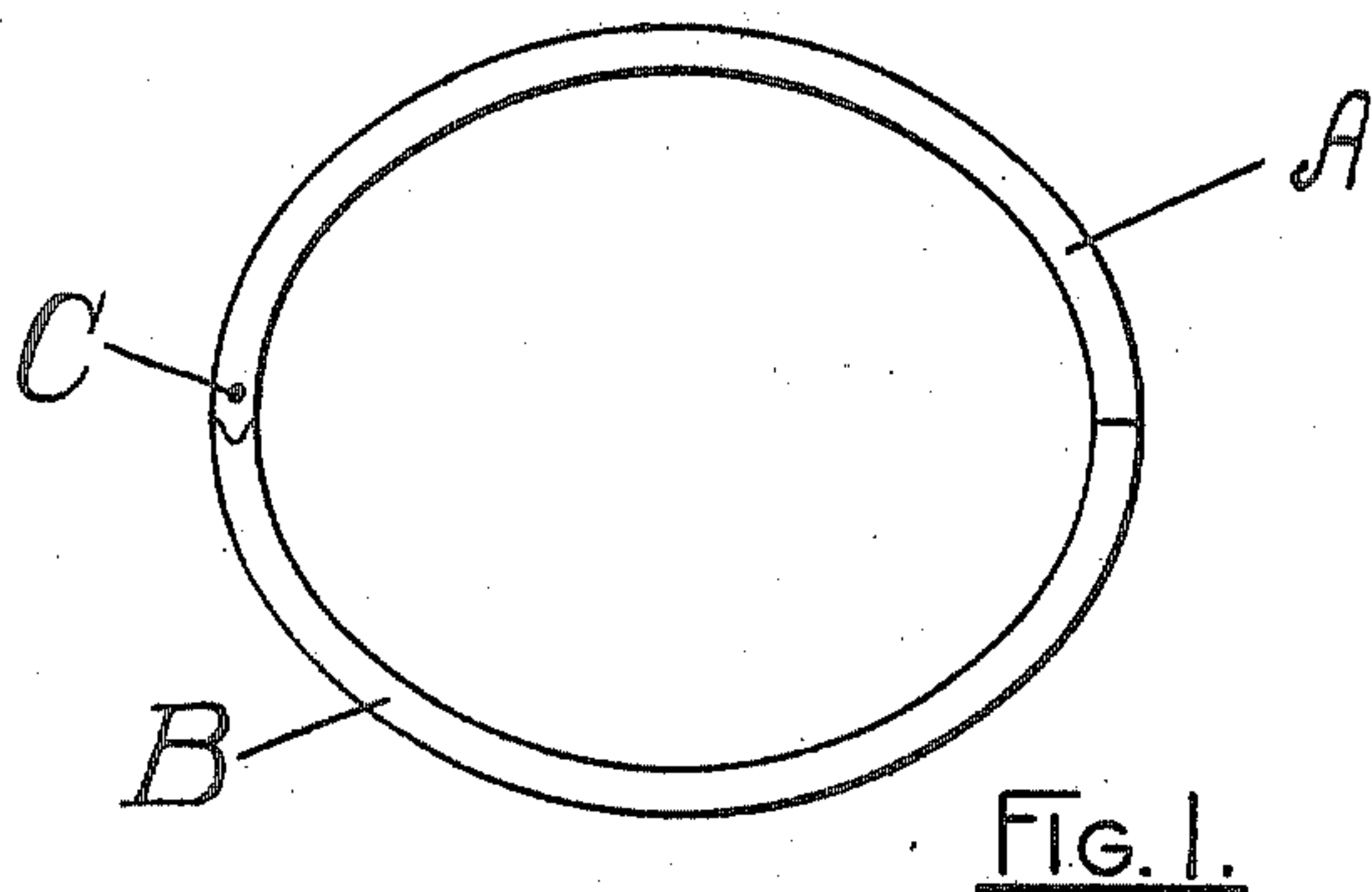


No. 820,963.

PATENTED MAY 22, 1906.

F. FETTING.
BRACELET.

APPLICATION FILED JAN. 5, 1906.



WITNESSES.

A.G. Peczentkowski.

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FIG. 9.

BY

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BRACELET.

No. 820,963.

Specification of Letters Patent.

Patented May 22, 1906.

Application filed January 5, 1906. Serial No. 294,725.

To all whom it may concern:

Be it known that I, FREDERICK FETTING, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Bracelets, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to the jointed portion of what are popularly known as "concealed-joint" bracelets, and has for its objects besides the end implied by the name an increased lightness, stiffness, and a minimum use of solder.

Heretofore it has been requisite in constructing such joints to employ two blocks, one in each wing, soldered to the inclosing tube. By the soldering operation the tubes at both their adjacent ends where the greatest strain naturally comes is annealed and weakened.

My invention dispenses with soldering in one wing and furnishes also a novel stop in conjunction with an improved pivotal mechanism.

To all the ends hereinabove mentioned my invention consists in the novel construction and combination of parts, hereinafter described, and illustrated in the accompanying drawings, wherein—

Figure 1 is a plan elevation of a complete bracelet embodying my invention; Fig. 2, a central longitudinal section of the joint and adjacent portions of the wings in closed position; Fig. 3, a like section of the same in open position. Fig. 4 is a view showing the bracelet-wings in section and the joint in elevation; Figs. 5 and 6, side and edge elevations, respectively, of the pivoted reinforcing-strip and stop; Figs. 7 and 8, detail views of the joint member, and Fig. 9 a section on line xx of Fig. 2.

Like reference characters indicate like parts throughout the views.

The bracelet comprises the usual tubular wings A and B. In the end of the wing B is fixed frictionally or by solder a tube b , having a longitudinal opening or slot b' throughout its length and being transversely recessed at b^2 , whereby is produced a split tubular head b^3 . The latter is transversely pierced at b^4 to

receive a pivot-pin C, which is riveted in the wing A.

A reinforcing-strip D is pivotally mounted in the tubular member b . The strip is laterally recessed at d' , which recess is shallower than the recess b^2 , but at the outer edge it coincides with the recess b^2 to afford room for the play of the outer margin of the tube A when the bracelet is in open position. One end of the strip D is slightly beveled, as shown at d^2 , upon its inner edge, and this beveled or tongue portion is transversely pierced at d^3 to receive the pivot-pin C. The breadth of the strip D is somewhat less than the external diameter of the tube b , thereby permitting pivotal play for the strip D through the slot b' in the tubular member.

In closed position, as shown in Fig. 2, the outer margin of the upper end of the pivoted strip D contacts with the wall of wing A, while the inner margin of the strip does not contact with the wall of the tube b .

When the bracelet is opened, as shown in Fig. 3, the margin of the wing A enters the recess b^2 and the excessive distention of the parts is prevented by the contact of the beveled portion d^2 of the strip D with the wall A and the contact of the lower inner extremity of the strip with the wall of the tube b .

Having described my invention, what I claim is—

1. In a bracelet, two hollow wings, in combination with a tube having a projecting head fixed in one wing and slotted, of a reinforcing-strip having a projecting upper portion and a lower portion of less breadth than the outer diameter of the tube loosely mounted in the tube, and a pivot-pin fixed in the other hollow wing and traversing the head of the tube and the upper end of the reinforcing-strip.

2. In a bracelet, two hollow wings, in combination with a longitudinally-slotted tube having a projecting head fixed in one wing and slotted, of a reinforcing-strip having a projecting upper portion and a lower portion of less breadth than the outer diameter of the tube mounted in the tube in alinement with the longitudinal slot, and a pivot-pin fixed in the other hollow wing and traversing the head of the tube and the upper end of the reinforcing-strip.

3. In a bracelet, two hollow wings, in combination with a tube having a projecting head fixed in one wing and slotted, of a reinforcing-strip having a projecting beveled upper portion and a lower portion of less breadth than
5 the outer diameter of the tube loosely mounted in the tube, and a pivot-pin fixed in the other hollow wing and traversing the head of

the tube and the upper end of the reinforcing-strip. 10

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

FREDERICK FETTING.

Witnesses:

HORATIO E. BELLOWS,
WILLIAM H. WRIGHT.