

No. 873,373.

PATENTED DEC. 17, 1907.

I. R. LEDERER,
BRACELET.

APPLICATION FILED JUNE 28, 1907.

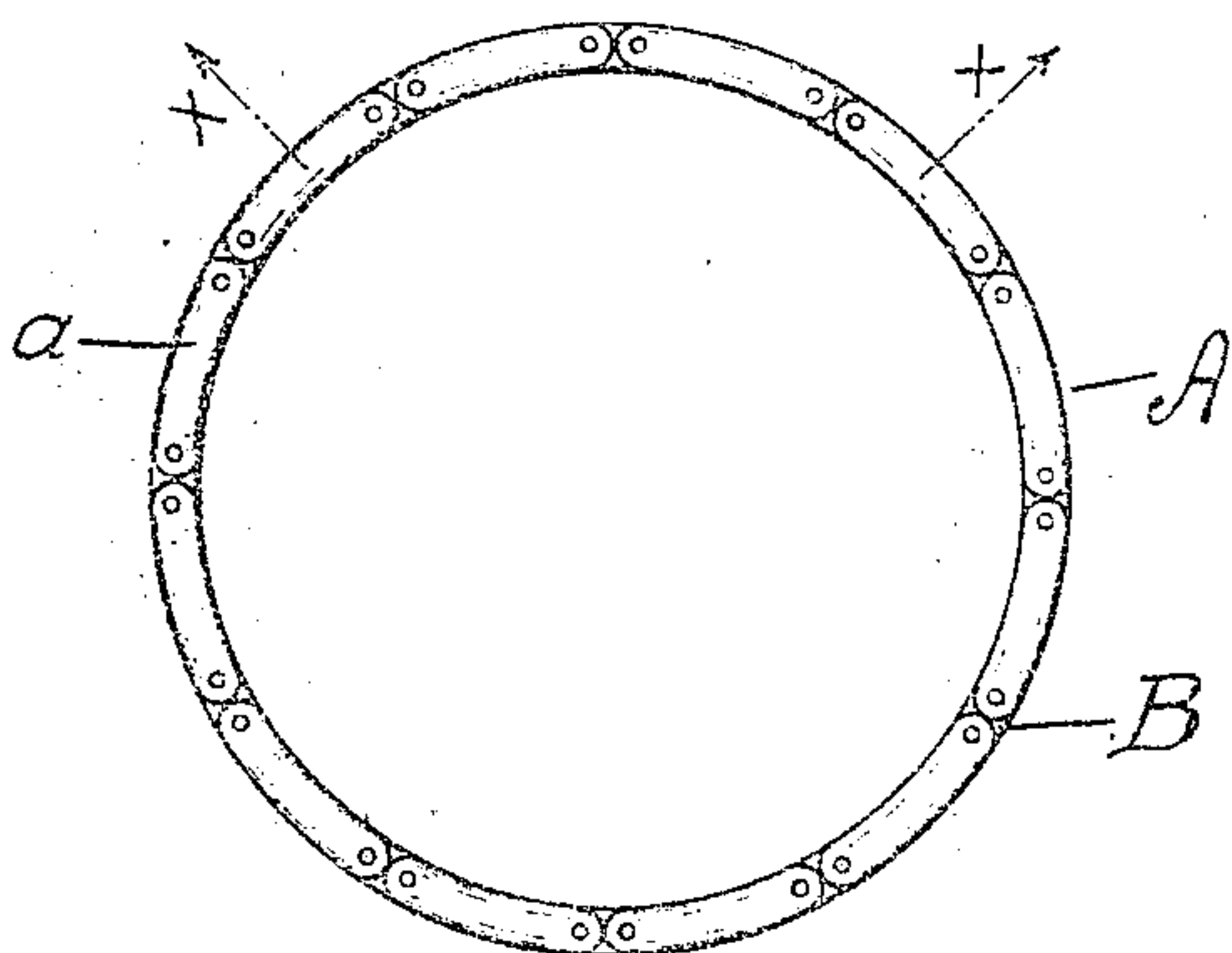


FIG. 1.

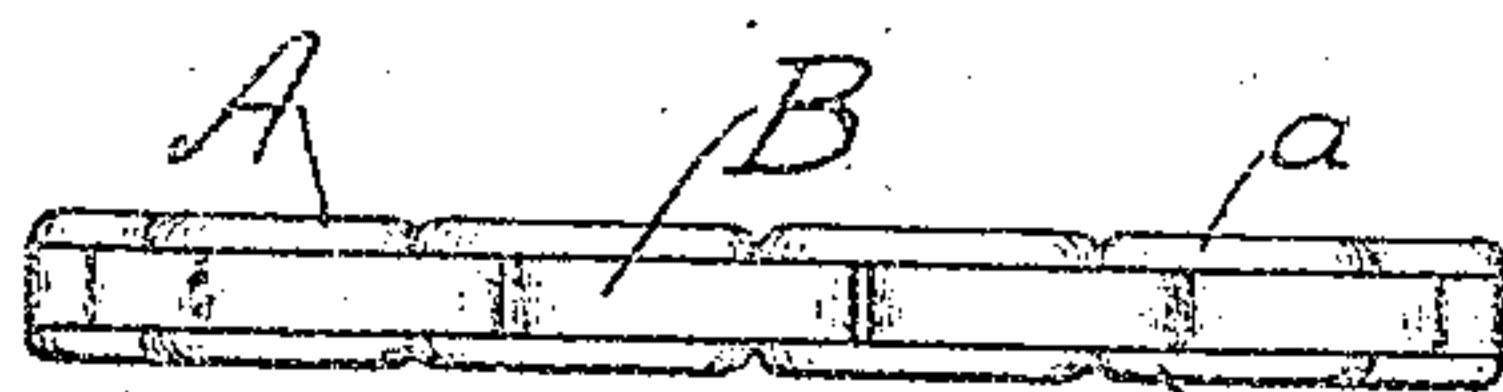


FIG. 2.

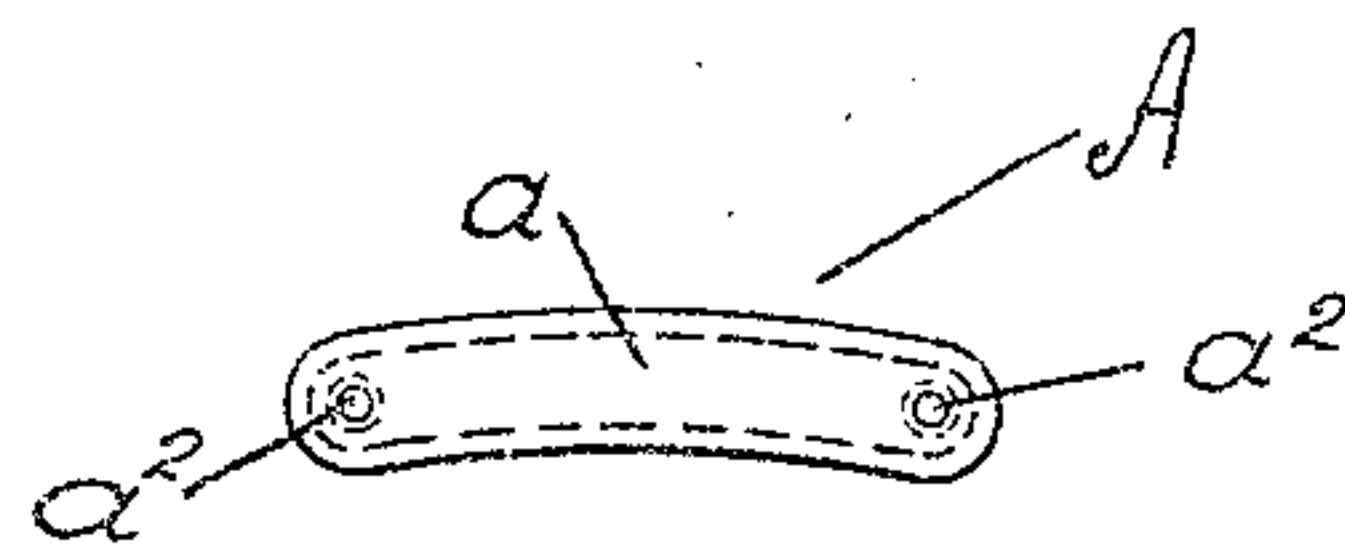


FIG. 6.

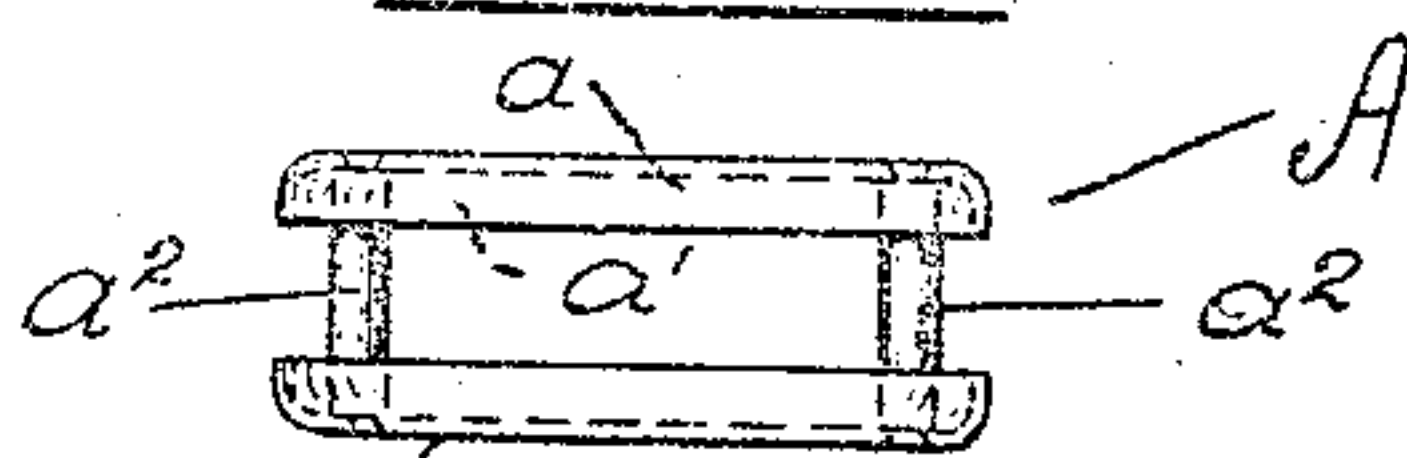


FIG. 7.

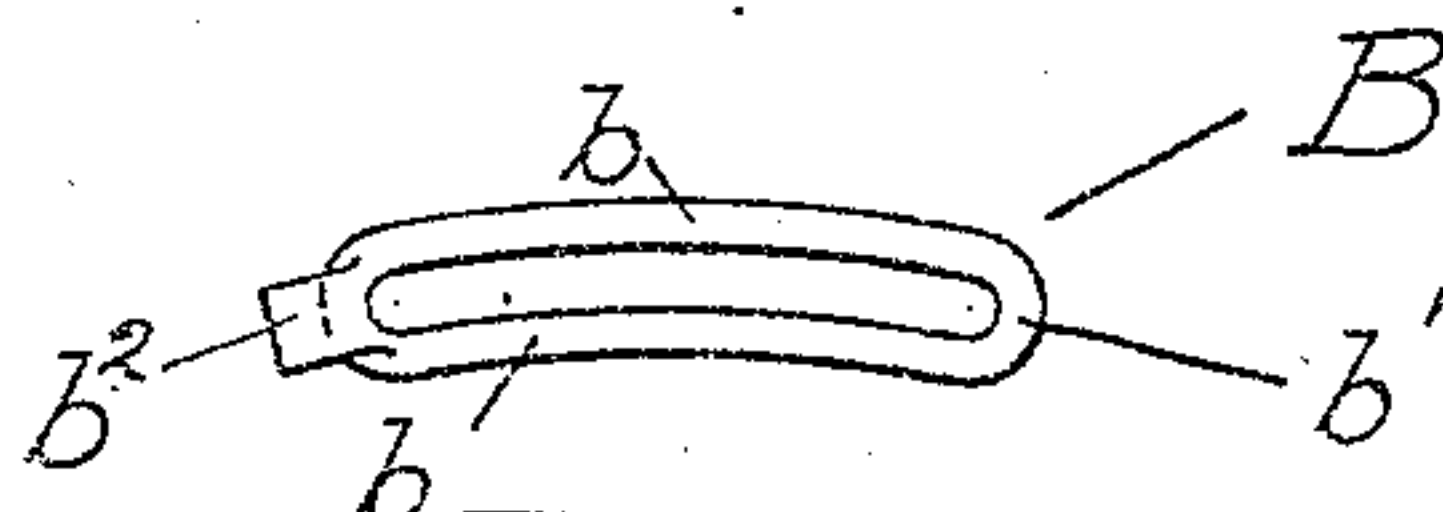


FIG. 8.

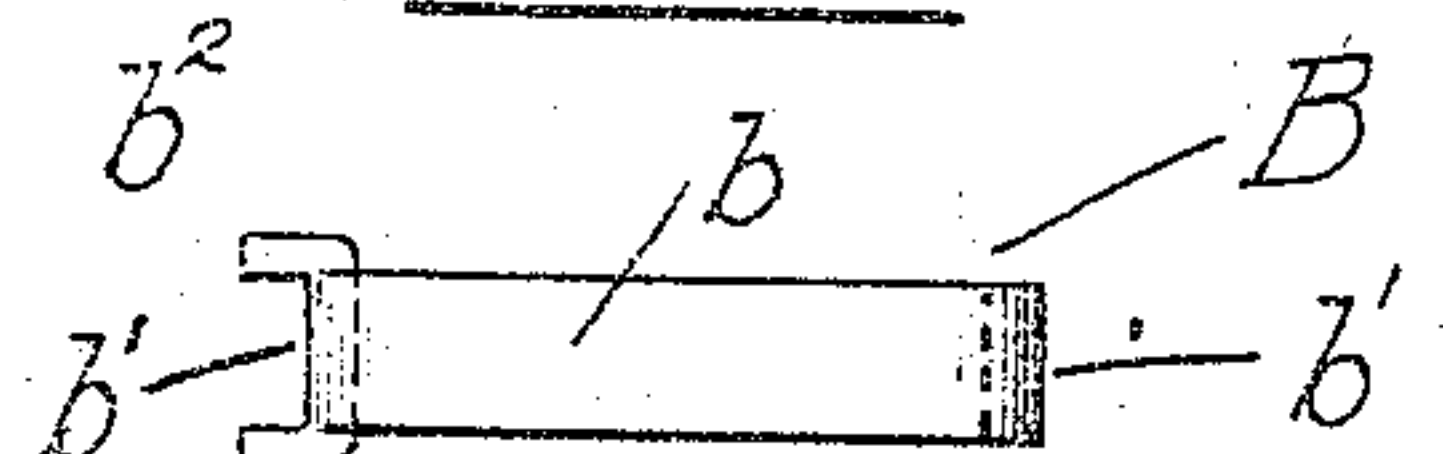


FIG. 9.

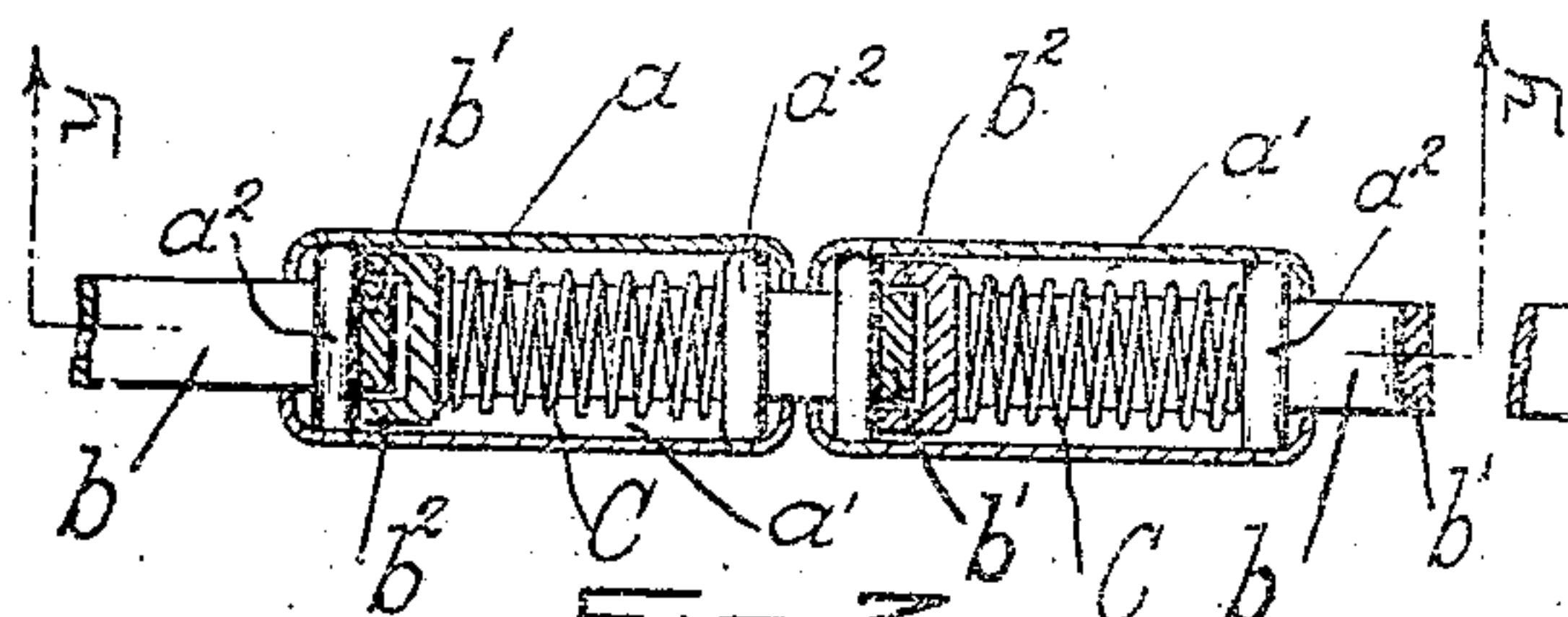


FIG. 3.

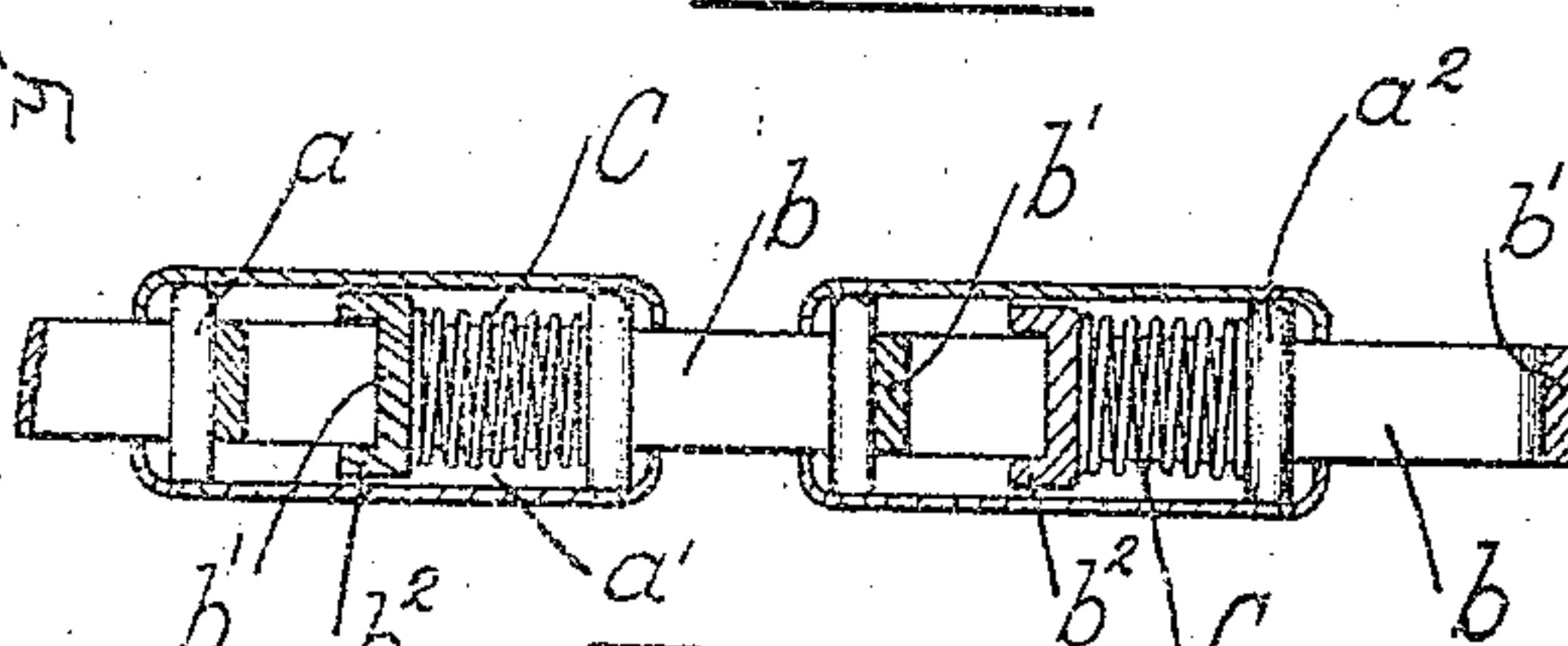


FIG. 4.

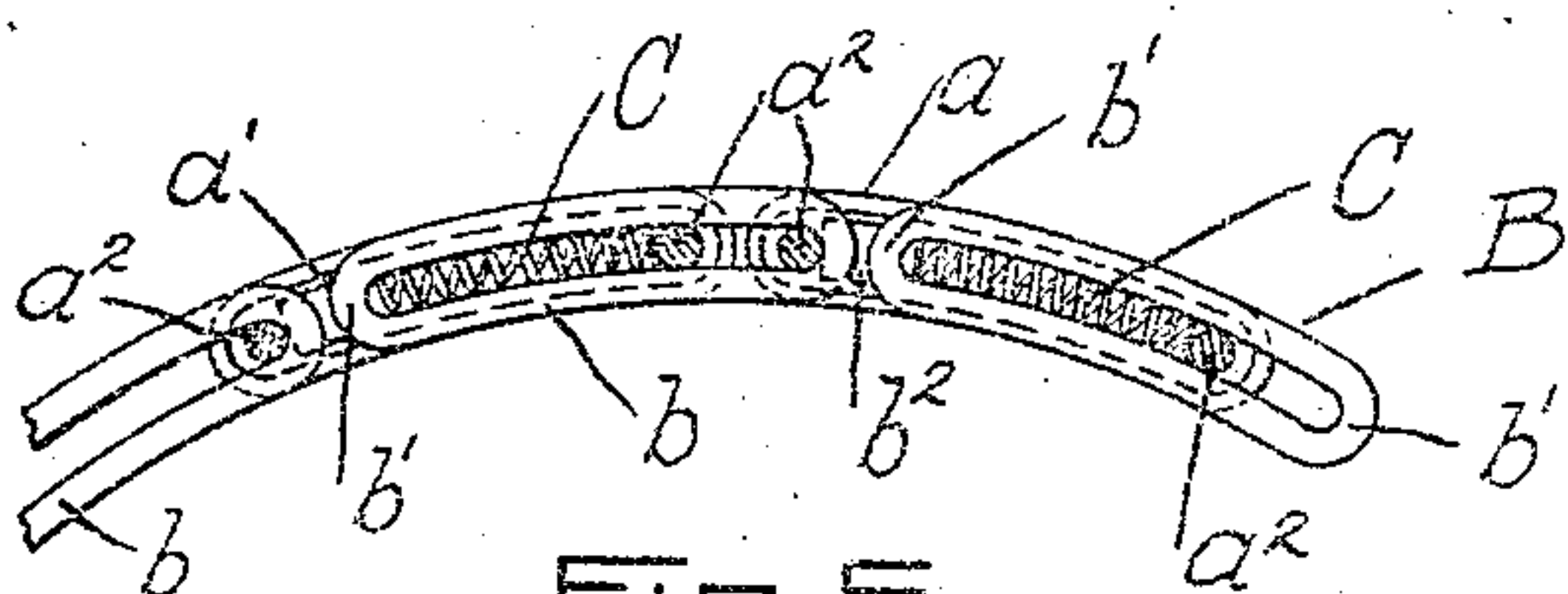


FIG. 5.

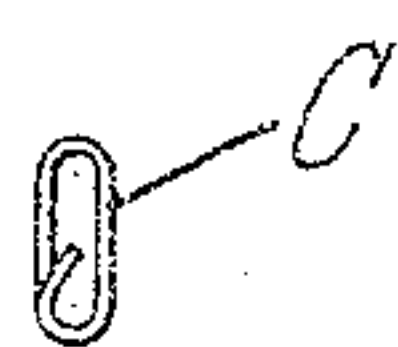


FIG. 10.

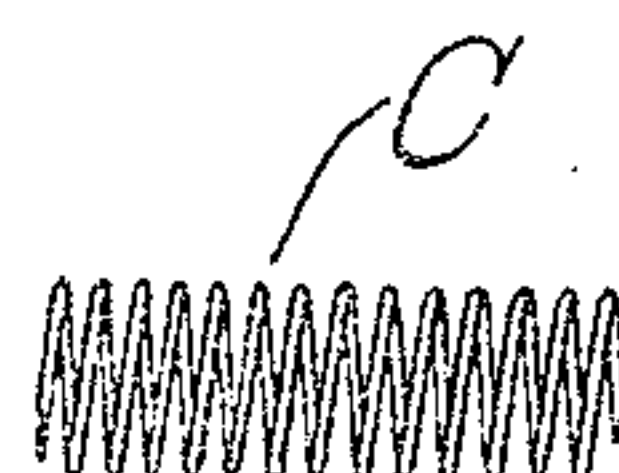


FIG. 11.

WITNESSES.

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BRACELET.

No. 873,873.

Specification of Letters Patent.

Patented Dec. 17, 1907.

Application filed June 28, 1907. Serial No. 381,240.

To all whom it may concern:

Be it known that I, IRVING R. LEDERER, 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 drawing.

10 My invention relates to expansible bracelets and has for its objects simplicity, compactness, durability, cheapness of manufacture, and uniformity of expansive movement throughout the structure.

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

Figure 1 is an edge view, and Fig. 2 a plan view of my novel bracelet. Fig. 3, a longitudinal section of a portion of the same in contracted position on line $x x$ of Fig. 1. Fig. 4, a like section of the same in expanded position. Fig. 5, a section on line $y y$ of Fig. 3. Figs. 6 and 7, plan and side elevations respectively of the guide links. Figs. 8 and 9, like elevations respectively of the slide links, and Figs. 10 and 11, end and side views respectively of the spring.

25 3. Like reference characters indicate like parts throughout the views.

My bracelet is composed of a series of inter-engaging units comprising guide links or frames, A, embracing slide or connecting links, B. In detail each guide link or frame, A, comprises two parallel, curved, concave plates, a , whose concave portions are upon their inner faces and form guide channels or ways, a' . These guide plates, a , are connected near each of their ends by posts, a^2 , whose extremities are riveted to the plates. Each slide link, B, consists of a flattened, curved, oblong, loop, having broad side and end walls, b , and b' , respectively. Upon the top and bottom of one of the end walls, b' are forwardly directed lateral projections, b^2 .

The rear portions of the projecting lugs form shoulders against which abuts the end of a compression spring, C, mounted within the slidable link, and whose opposite end rests against one of the posts, a^2 . In contracted position the lugs, b^2 , rest against the other of the two posts, and form a stop for the slide link, which is guided in its travel by the lugs which move in the ways, a' .

It will be noted from the above description that each guide link is pivoted by one of its posts to the adjacent slide link; and that the stop projections, b^2 , insure a sufficient extension of the slide link beyond the guide link to prevent any binding of the pivoted parts when the bracelet is contracted.

What I claim is,

1. In a bracelet a plurality of guide links provided with ways, slide links connecting the guide links and slidable therein, projections upon the slide links registering in the ways, and spring means for holding the connected links in retracted position.

2. In a bracelet, a plurality of guide links provided with ways, slide links connecting the guide links and slidable therein, projections upon the slide links registering in the ways, and springs within the slide links pressing against the guide links.

3. In a bracelet, a plurality of guide links, each guide link consisting of plates, two posts connecting the guide plates, a slide link mounted in each guide link and pivotally connected at one end with a post of the adjacent guide link, stop projections upon the other end of the slide link adapted to contact with one post of the inclosing guide link, and a spring in the slide link pressing against the other post of the inclosing guide link.

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

IRVING R. LEDERER.

Witnesses:

HORATIO E. BELLOWS;
WILLIAM E. TEFFT.