

(No Model.)

W. A. JOHNSON.
BRACELET.

No. 253,612.

Patented Feb. 14, 1882.

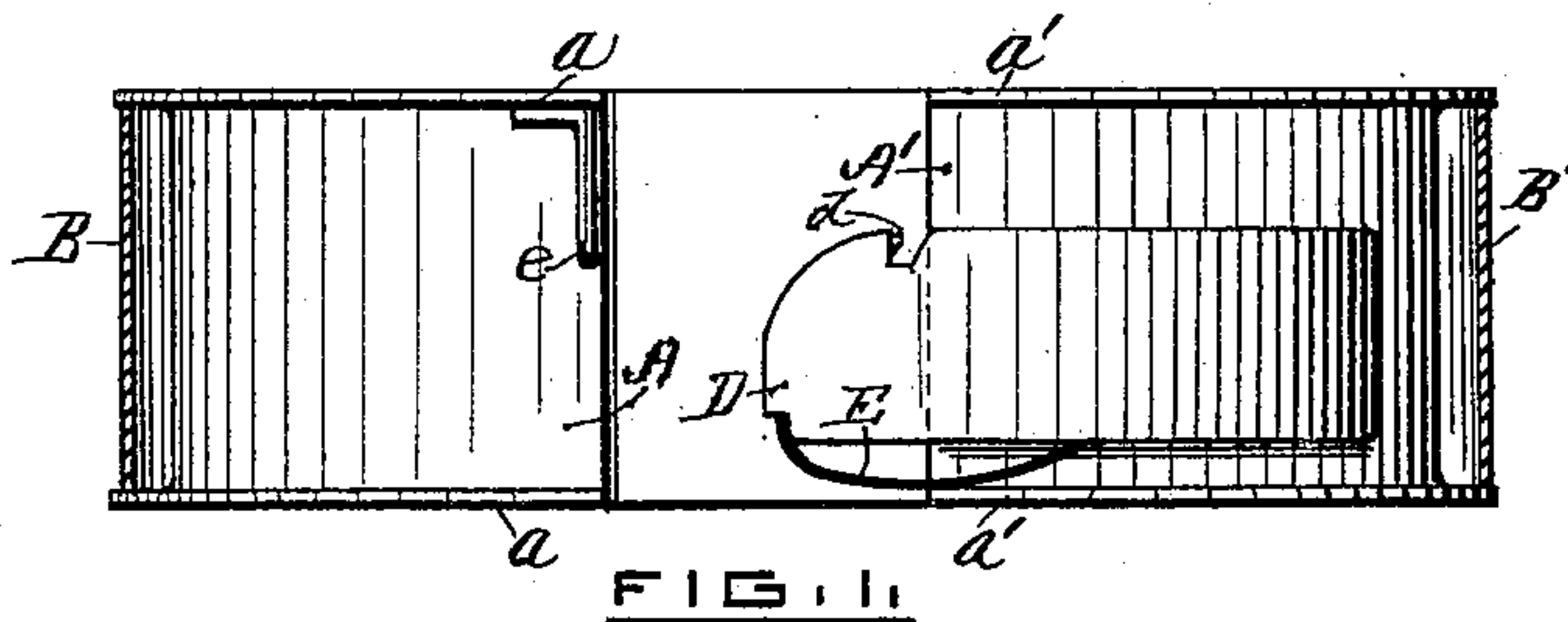


FIG. 1.

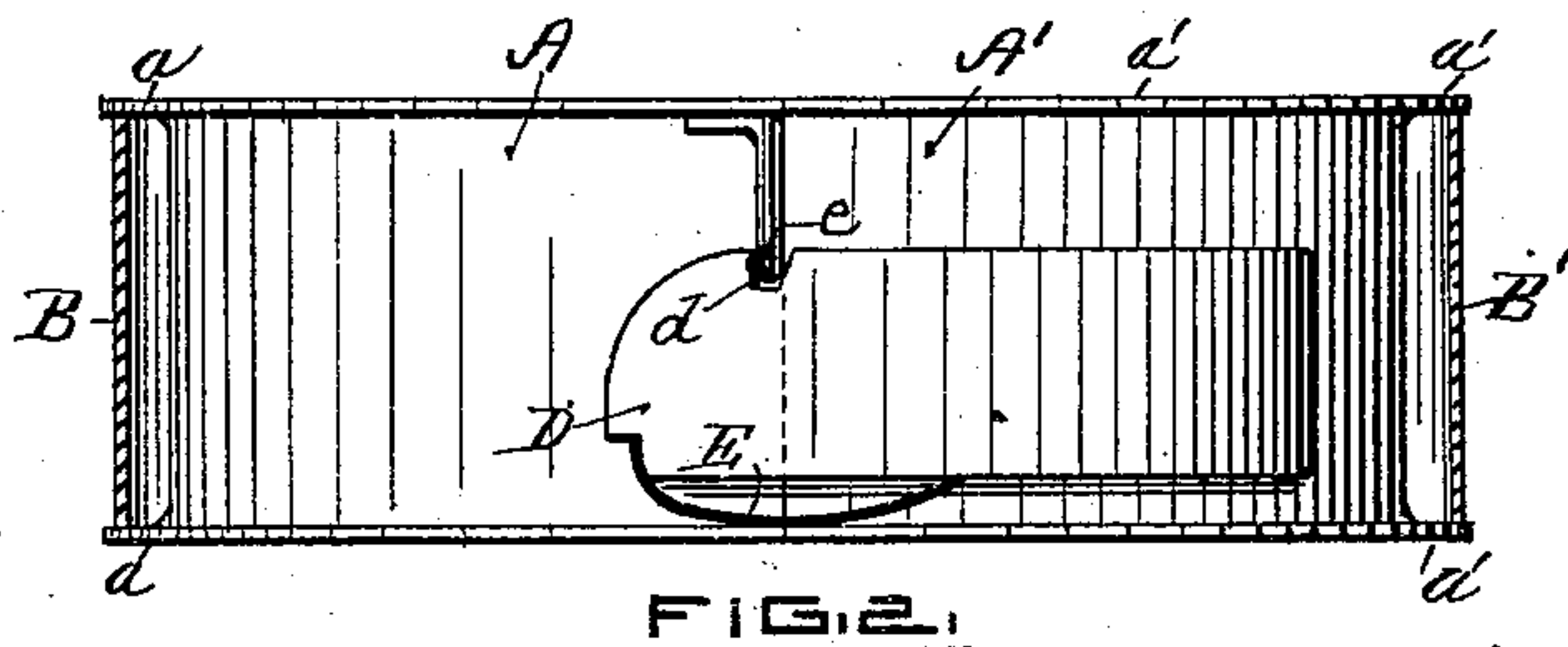


FIG. 2.

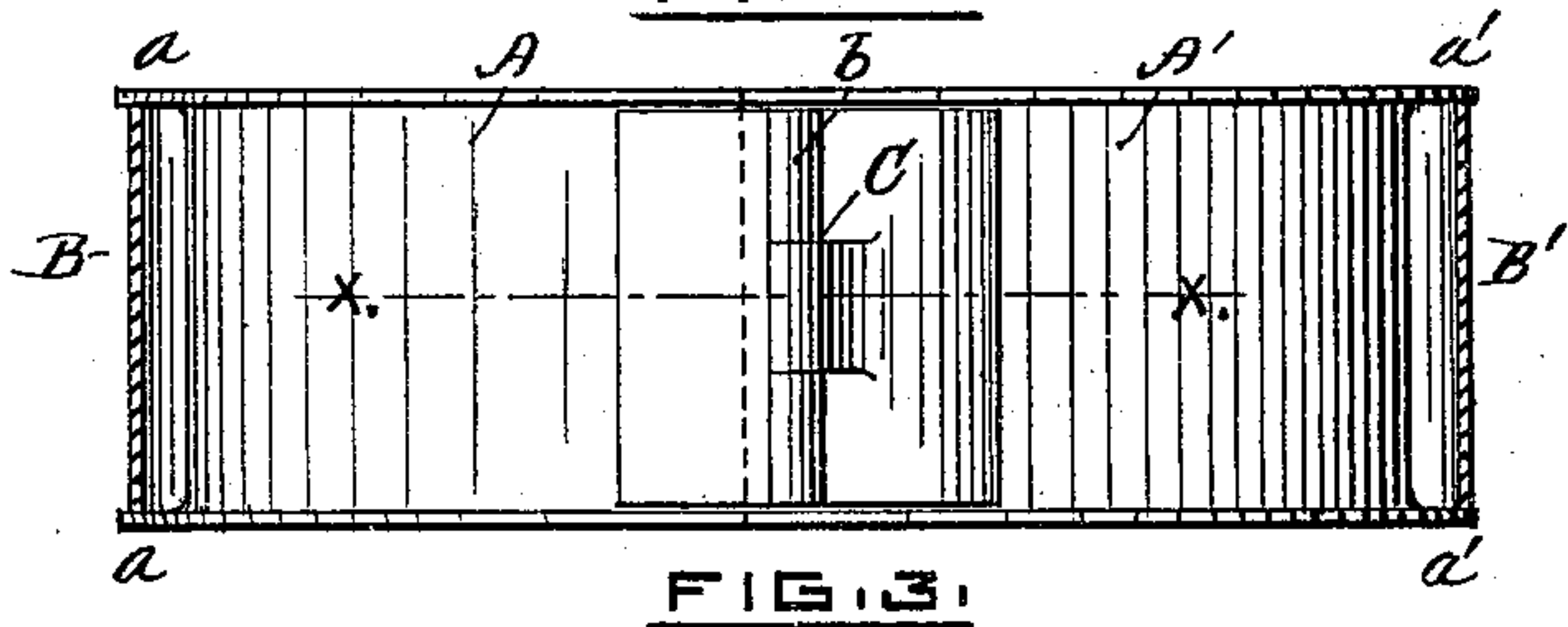


FIG. 3.



FIG. 4.

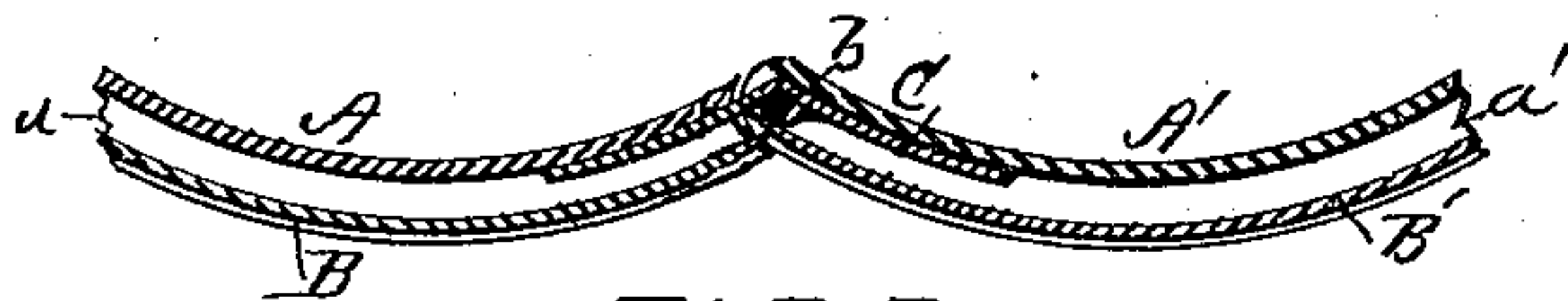


FIG. 5.

WITNESSES,

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UNITED STATES PATENT OFFICE.

WILLET A. JOHNSON, OF PHENIX, ASSIGNOR TO HIMSELF AND P. & A. LINTON, OF PROVIDENCE, RHODE ISLAND.

BRACELET.

SPECIFICATION forming part of Letters Patent No. 253,612, dated February 14, 1882.

Application filed December 31, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLET A. JOHNSON, of Phenix, in the county of Kent and State of Rhode Island, have invented an Improvement in Bracelets, of which the following is a specification.

My invention consists in an improved concealed hinge-joint for flat bracelets, and also in an improved bracelet-clasp, as hereinafter fully set forth.

Figure 1 represents an elevation of the partially-opened bracelet with the front plate removed to show the catch mechanism. Fig. 2 represents the same with the bracelet closed. Fig. 3 is a similar view, showing the hinge of the bracelet, the front plate being removed. Figs. 4 and 5 are detail sections taken in the line *xx* of Fig. 3.

In the drawings, A A' represent the inner or back plates of the bracelet, having their edges *a a'* turned outward to cover the edges of the front plates, B B'. The separately-formed hinge C is soldered to the outer side of the back plates, A A', so that the joint *b* of the hinge will be located at one side of the joint, between the plates A A', and the upturned flange *a* of the plate A is hollowed out, and the flanges *a'* of the plate A' are oppositely rounded, with a radius centering at the axis of the joint *b* of the hinge C, which secures the two plates to each other. The hinge C being thus located at a suitable distance from the joint between the plates A A', allows the concealment of the hinge-joint by the front plate B', and still allows the proper movement of the joint for opening the bracelet, the plate B' passing under the plate B of the opposite arm of the bracelet. This concealment of the hinge-joint is a very desirable feature in flat bracelets, for the reason that the hinge may be made of unfinished base metal without

detriment to the bracelet, and the bracelet so constructed presents a smooth, uniform external appearance, and the rivet-wire which disfigures ordinary bracelets is entirely concealed.

To the plate A', at the opening side of the bracelet, is secured the flat catch-stud D, provided on its inner edge with the notch *d* and on its outer edge with the spring E, and to the plate A, at the opposite arm of the bracelet, is secured the catch *e*. When the two ends of the bracelet are brought together the catch *e* of one arm engages with the notch *d* of the other, thus holding the two arms securely; and to unclasp the bracelet the two arms are to be pressed edgewise with each other, so as to bend back the spring E toward the catch-stud D, thus releasing the catch *e* from the notch *d*, allowing the bracelet to be opened. This form of concealed clasp for bracelets leaves the exterior of the front plate free from projections, and the bracelet thus presents a smooth, uniform external appearance.

I claim as my invention—

1. In a bracelet, the combination of the back and front plate with a separately-formed hinge-joint placed to one side of the joint between the two arms of the bracelet, and concealed from view within the inner and outer plates and edges of the bracelet, substantially as described.

2. In a bracelet, the combination of the flat catch-stud D, provided at its edges with a notch, *d*, and spring E, attached to one arm of the bracelet, with the catch *e*, attached to the end of the opposite arm, to be operated by the edgewise movement of the arms, substantially as described.

WILLET A. JOHNSON.

Witnesses:

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SOCRATES SCHOLFIELD.