F. E. CAPRON.
Bracelet-Joint.

No. 201,092. Patented March 12, 1878.

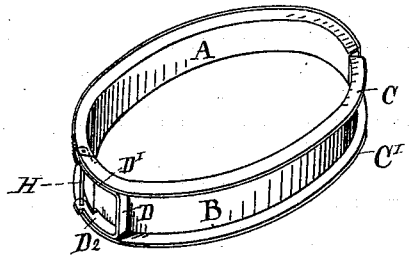

Fig. 1.

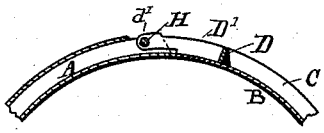

Fig. 2.

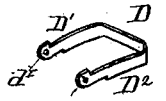

Fig. 3.

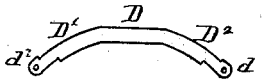

Fig. 4.

WITNESSES
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UNITED STATES PATENT OFFICE.

FRANK E. CAPRON, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO HIMSELF, HARFORD A. CAPRON, AND HERBERT S. CAPRON, OF SAME PLACE.

IMPROVEMENT IN BRACELET-JOINTS.

Specification forming part of Letters Patent No. **201,092**, dated March 12, 1878; application filed January 15, 1878.

To all whom it may concern:

Be it known that I, FRANK E. CAPRON, of the city of Providence, in the county of Providence and State of Rhode Island, have invented a certain new and useful Improvement in Joints for Bracelets, of which the following is a specification:

The nature of my invention consists in the mechanical construction of a hinged joint for a bracelet, the principal feature of which is a re-enforcing U-shaped piece, which fits into the interior of the band of the bracelet, so that when the several parts are soldered together this re-enforcing piece is firmly attached, and distributes the strain on the hinge to all parts of the end of the band, thus strengthening this (the weakest) point of the bracelet, besides being a very cheap structural device.

Referring to the drawings, Figure 1 is a perspective view of my invention, part of the exterior of the case being omitted. Fig. 2 is a sectional view of a part of the same. Fig. 3 is a perspective view of the U-shaped re-enforcing piece after being bent, ready for application. Fig. 4 shows the re-enforcing piece cut into shape, ready for bending.

A and B represent the two halves of a hollow bracelet, formed in the usual manner—that is, of curved plates of metal, provided with rims C and C′, the exterior flat plate being omitted in Fig. 1, so as to show more clearly the construction of the hinge.

In Figs. 3 and 4 the re-enforcing piece D D^1 D^2 is shown in detail, it being first cut into the shape shown in Fig. 4, then bent into form shown in Fig. 3. It is then placed and soldered into the part B of the bracelet, as indicated by D D^1 D^2, Fig. 1, the ends *d* d^1 being pierced for receiving the pintle H, Fig. 1, which connects them with the part A of the bracelet, and thus completes the hinge. By this means I make a very strong hinge, which is simple and inexpensive in construction.

I claim as my invention—

In a bracelet, the combination of the U-shaped hinge-piece D D^1 D^2 with the pintle H and parts *a* and B, substantially as described, and for the purpose set forth.

FRANK E. CAPRON.

Witnesses:

PARKER H. WEAVER,

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