S. W. GRANT.

Bracelets.

No. 139,888. Patented June 17, 1873.

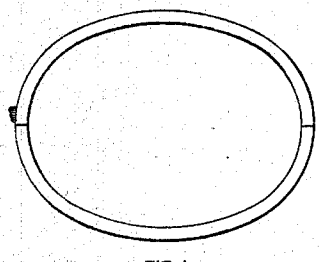

FIG. 1.

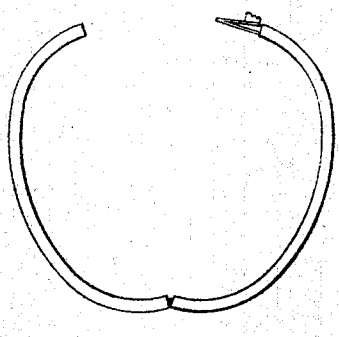

FIG. 2.

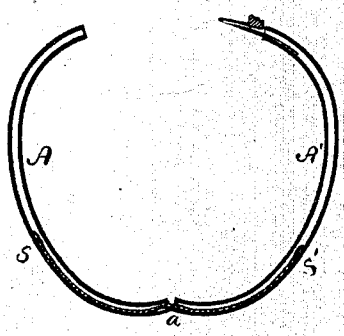

FIG. 3.

FIG. 5.

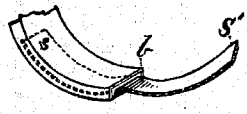

FIG. 4.

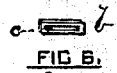

FIG. 6.

WITNESSES.

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SANFORD W. GRANT, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO ALBERT O. BAKER, OF SAME PLACE.

IMPROVEMENT IN BRACELETS.

Specification forming part of Letters Patent No. **139,888**, dated June 17, 1873; application filed February 19, 1873.

To all whom it may concern:

Be it known that I, SANFORD W. GRANT, of the city and county of Providence, in the State of Rhode Island, have invented a certain new and useful Improvement in Bracelets; and I do hereby declare that the following specification, taken in connection with the drawings making a part of the same, is a full, clear, and exact description thereof.

Figure 1 is a side view of the bracelet closed. Fig. 2 represents the same when unclosed. Fig. 3 is a view in section. Figs. 4, 5, and 6 show parts to be referred to hereafter.

My invention relates to an improvement in that class of bracelets which are provided with a spring applied to span the joint when the two halves of the bracelet meet, as a substitute for the usual hinge-connection; and it consists in so combining the said spring with the halves of the bracelet that the joint shall be firm instead of loose, and the abutting ends of the face-plates of the two halves be kept always in close contact.

In the said drawings, S S′ is a bow-shaped spring, bent at *a*. The members of this spring, *a* S and S′, are inserted in the hollow space existing between the front face-plate and the back lining of the two members, A A′, of the bracelet, respectively, and such spring is soldered at or near its ends to either the front plate or the back lining, as is most convenient. The abutting ends of the two parts of the bracelet A A′ are each closed by an end plate, *b*, Figs. 4, 5, and 6, with the exception of a central rectangular opening or mortise, *c*, just large enough for the spring S to pass through. These end plates I call "field-pieces", and the side edges of the mortises ride on the surface of the spring when the bracelet opens and shuts, and prevents that thacking-joint, which would otherwise exist from the use of a spring as a substitute for a hinge. The other joint of the bracelet is to be fastened by a spring-catch in the usual way.

I do not claim, broadly, the application of a spring to the joint of a bracelet as a substitute for a hinge; but

What I do claim is—

In a spring joint bracelet, the field-piece *b*, substantially as and for the purposes specified.

SANFORD W. GRANT.

Witnesses:

BENJ. F. THURSTON,

THOS. F. COSGROVE.