

C. WILLS.
Bracelets.

No. 164,118.

Patented June 8, 1875.

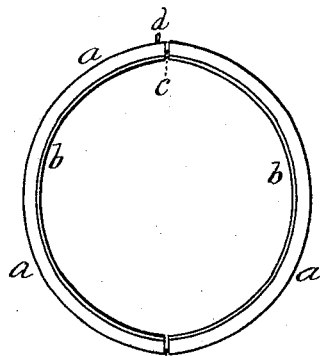


Fig. 1.

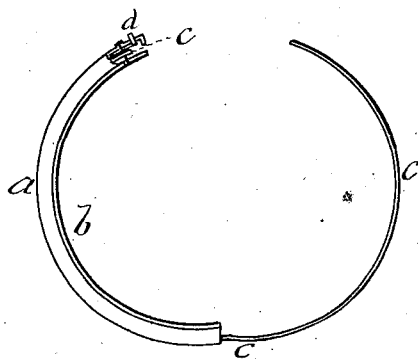


Fig. 2.

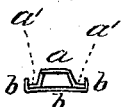


Fig. 3.



Fig. 4.

Witnesses

E. Hoer.

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UNITED STATES PATENT OFFICE.

CHARLES WILLS, OF ATTLEBOROUGH, MASSACHUSETTS.

IMPROVEMENT IN BRACELETS.

Specification forming part of Letters Patent No. **164,118**, dated June 8, 1875; application filed December 26, 1874.

To all whom it may concern:

Be it known that I, CHARLES WILLS, of Attleborough, in the county of Bristol and State of Massachusetts, have invented a new and valuable invention in Ladies' Bracelets, of which the following, when taken in connection with the accompanying drawing, is a full, clear, and exact specification.

In this bracelet, which is made hollow, an internal flat spring is placed, which passes entirely around or through the bracelet, and takes the place of joint, snap, and spring. The bracelet is made in two parts or semicircles, so that it may be opened. Instead of soldering the front upon the lining a shoulder is made upon the front, and the lining has its edge rolled down upon the said shoulder.

In the accompanying illustration, Figure 1 is a view of my improved bracelet when closed or fastened. Fig. 2 is a view when it is sprung open, one-half of the front and lining being removed and the spring exposed. Fig. 3 is a transverse section of the bracelet before the edge of the lining has been rolled down upon the shoulder of the front, the spring having been removed. Fig. 4 is a transverse section of the front and lining when completed.

Similar letters of reference indicate corresponding parts.

a is the front or outside of the bracelet, *a'* being a shoulder. *b* is the lining or inside of the bracelet. This lining *b* is rolled down over

the shoulder *a'*, thus securing it to the front *a* without the use of solder. *c* is a spring, passing the entire length of the interior of the bracelet, and riveted to the bracelet at each end. This takes the place of the joint and ordinary spring, as is readily seen by reference to the drawing, and also the snap, as it snaps itself into any ordinary fastening, such as is shown by the letter *d*.

It will thus be seen that a bracelet is produced which is cheap and simple to manufacture and durable in wear, while at the same time it is satisfactory to the wearer, as it does not spread and become too large, and can be easily removed without dragging it over the hand, as is the case in many bracelets.

The spring *c* may be made of steel, whalebone, or other suitable material.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

The bracelet having its front *a* provided with a shoulder, *a'*, over and upon which the lining *b* is rolled, and having an internal spring, *c*, throughout its entire length, riveted at each end to the bracelet, all constructed and arranged substantially as hereinbefore specified.

CHARLES WILLS.

Witnesses:

J. HUGO,
J. BARRIE.