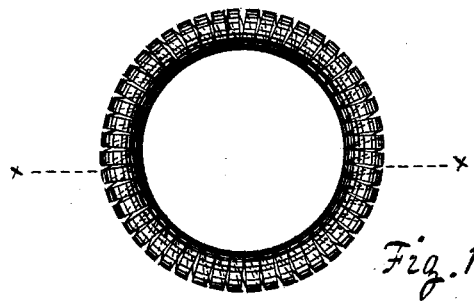


W. DURAND.  
Bracelet.

No. 204,548.

Patented June 4, 1878.



Witnesses

*W. H. Bouill*  
*Chas. O. Pope*

Inventor

*Wallace Durand*  
By *Horace Harris atty*

# UNITED STATES PATENT OFFICE.

WALLACE DURAND, OF NEWARK, NEW JERSEY, ASSIGNOR TO DURAND & CO., OF SAME PLACE.

## IMPROVEMENT IN BRACELETS.

Specification forming part of Letters Patent No. 204,548, dated June 4, 1878; application filed March 20, 1878.

*To all whom it may concern:*

Be it known that I, WALLACE DURAND, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Bracelets, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a plan view. Fig. 2 is a cross-section; Fig. 3, a detailed view, to show the seam, and Fig. 4 a cross-section of one wire.

The object of my invention is to produce an improved elastic bracelet as a new article of manufacture.

My bracelet is an endless hollow spiral spring, which is prepared from flat strips of metal, usually of gold, and these strips are rolled into tubular wires, having the edges closed together, but not united. These tubes, in the process of manufacture, are filled with copper, and are in any form, round or oval, and with a smooth or even surface.

After the bracelet has been made, by winding a coil of the wire on a mandrel, round or in other form, and the ends have been properly joined, making an endless spiral bracelet, holes are drilled in the side of it, when the bracelet is put in acid, and the copper

will be eaten out, and the gold only will remain, leaving it hollow, and the holes may be again closed. Thus, having the open joint A and being hollow, the wire is much more elastic than a solid spiral wire would be, which is an important point gained.

Other modes of making a hollow wire may be employed, and the effect be the same; and this endless elastic coil may be used for other articles of wear as well as for bracelets.

I do not claim making hollow wire over copper, and then having the copper eaten out; neither do I claim the wire rolled up and the seam left open; or, again, I do not claim a solid spiral wire made into an endless coil, for these all have been done before; but

What I claim as my invention, and desire to secure by Letters Patent, is—

A bracelet consisting of an endless coil made of a single piece of metal folded into tube form, the edges being brought together, but not united, substantially as and for the purpose specified.

WALLACE DURAND.

Witnesses:

HORACE HARRIS,  
JOSEPH A. ENO.