(No Model.)

W. BALLOU.

Bracelet.

No. 233,186. **Patented Oct. 12, 1880.**

Fig. 1.

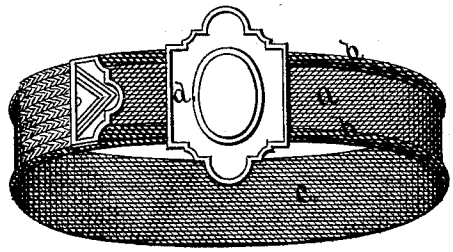


Fig. 2.

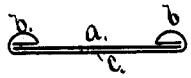


Fig. 3.

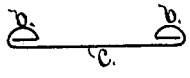
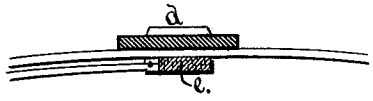


Fig. 4.



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UNITED STATES PATENT OFFICE.

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BRACELET.

SPECIFICATION forming part of Letters Patent No. 233,186, dated October 12, 1880.

Application filed April 29, 1880. (No model.)

To all whom it may concern:

Be it known that I, WALTER BALLOU, of North Attleborough, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Bracelets; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

This invention has reference to an improvement in bracelets made of woven flexible bands; and it consists in the peculiar construction by which two woven bands are secured together so as to form a flexible band, combining flexibility with greater strength and more solid appearance than was heretofore possible.

Figure 1 is a perspective view of a bracelet made from flexible woven bands. Fig. 2 is a sectional view of my improved double band. Fig. 3 is a sectional view of the outer band, showing the bent-over edges, forming the sides of the band. Fig. 4 is a sectional view of the friction-slide and the band by which the bracelet is adjustable.

In the drawings, *a* represents the central portion of the flexible band forming the bracelet; *b b*, the raised edges of the band; *c*, the inner band, the sides of which are bent over so as to form the raised edges *b b*.

Bands made of a single strip, as shown in Fig. 3, are so light that a good bracelet and one capable of resisting ordinary wear and usage cannot be made therefrom. Such single bands are also too transparent, the arm is plainly seen through the meshes, and they cannot be made of thicker wire, as they will lose their flexibility. By inserting the strip *a* the two bands, while retaining their flexibility, have greater strength and thickness and are not so transparent as a single band. The metallic surface appears more close and the bracelet has a richer appearance.

It is very desirable to manufacture bracelets of different-colored metal. The slides are usually made of two shades of color, and by my improvement the band may be made of two colors—that is to say, the central strip, *a*, may be of a color different from the raised edges *b b* and the inner band, *c*, and thus a very fine effect produced.

d represents the slide, in the under side of which a piece of cork, *e*, is inserted to produce friction on the band and secure the same. Other material, being somewhat elastic, may be inserted instead of the cork; but I prefer cork, as it has sufficient elasticity, will not abrade the band, as do the springs heretofore used in bracelet-slides, and also keeps the interior of the band clean.

In the manufacture of bracelets it has heretofore been proposed to stiffen the bracelet by a solid filling-piece, over the under edges of which the edges of the chain top or face are turned. It has also been proposed to bend up chains by machinery.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a bracelet, the flexible woven-wire band *c*, having its edges *b* turned over, as shown, in combination with a flexible woven-wire re-enforcing piece or band, *a*, inserted under and secured by the edges *b*, all constructed and arranged substantially as described.

2. In a bracelet, the combination, with a band having overlapping ends, of a slide, *d*, and its friction-pad *e*, composed of cork, operating to fasten the band without abrading and discoloring the same, substantially as specified.

3. The bracelet-slide *d*, having the cork pad *e*, substantially as described.

WALTER BALLOU.

Witnesses:

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