

C. E. HAYWARD.
Bracelet.

No. 228,348.

Patented June 1, 1880.

Fig. 1.

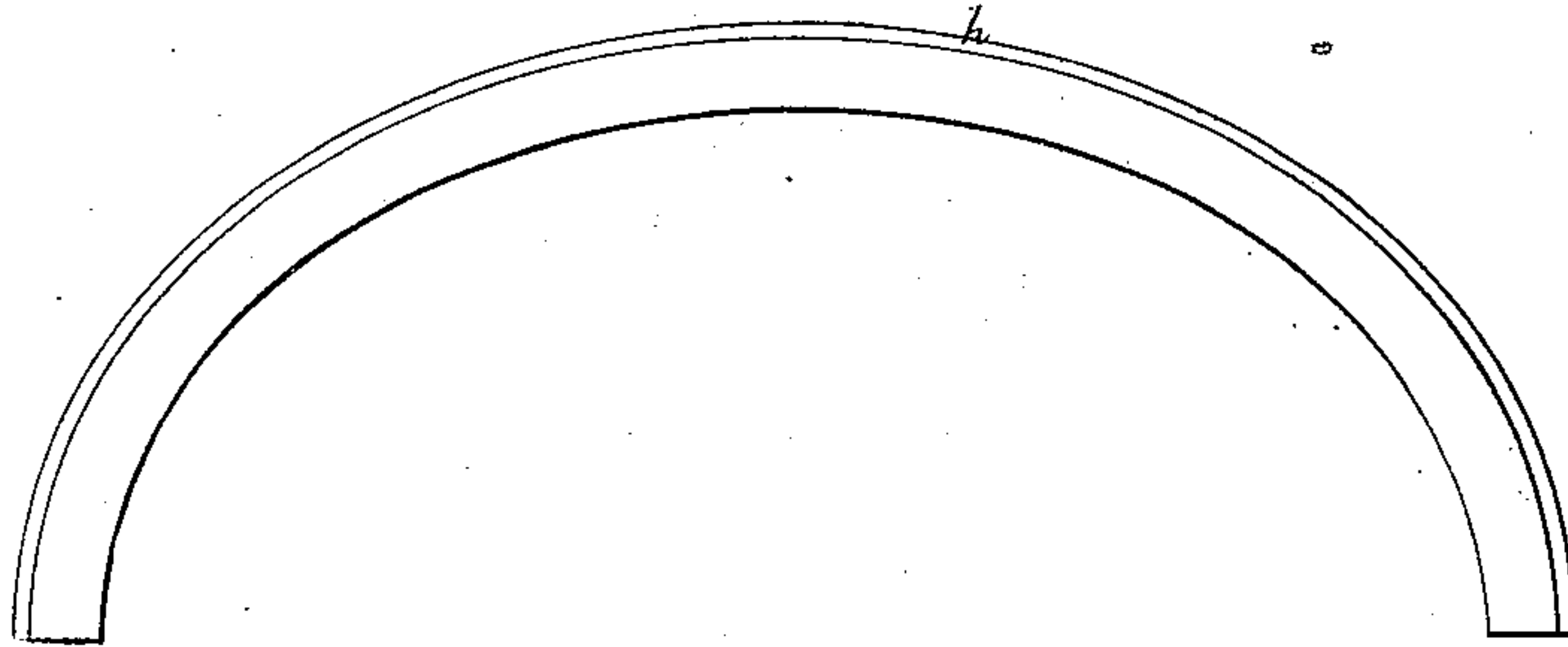


Fig. 2.

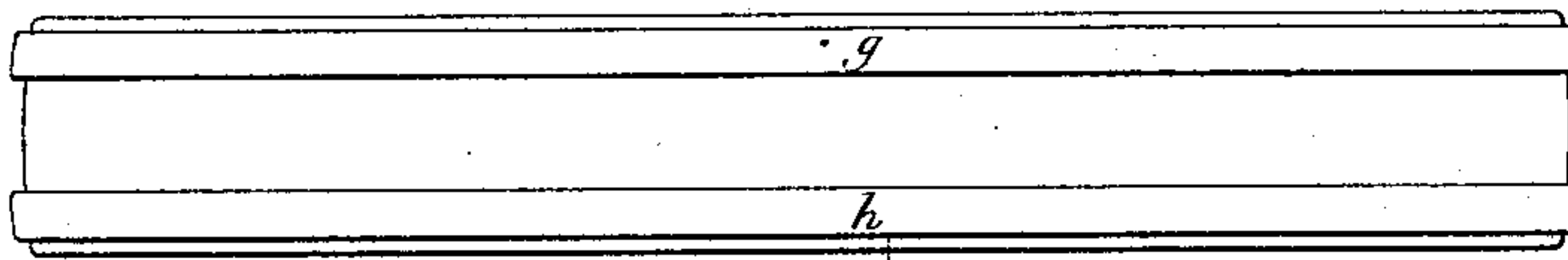


Fig. 3.

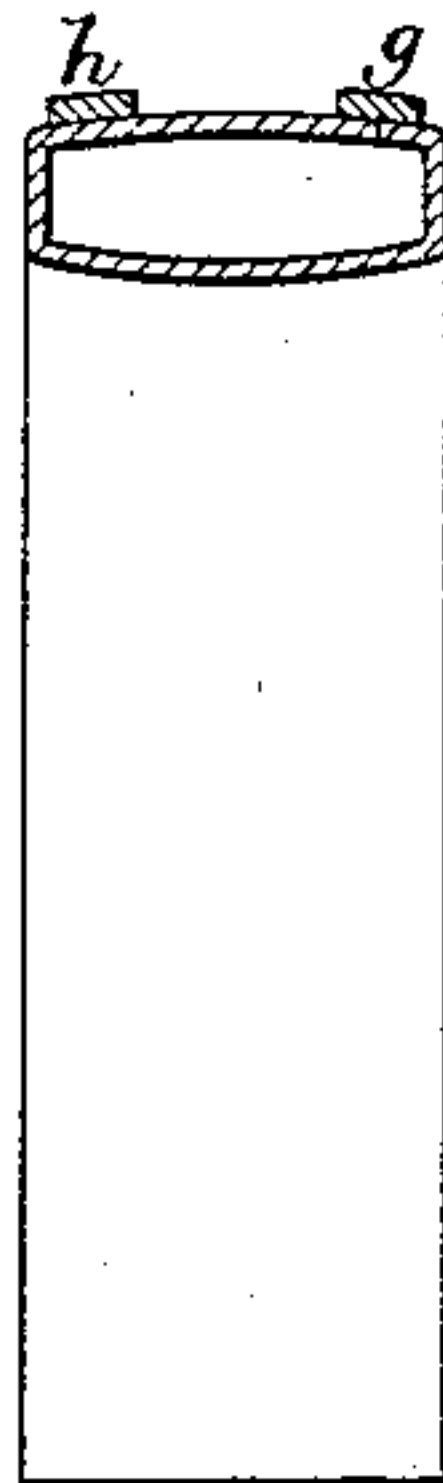


Fig. 4.



Fig. 7.

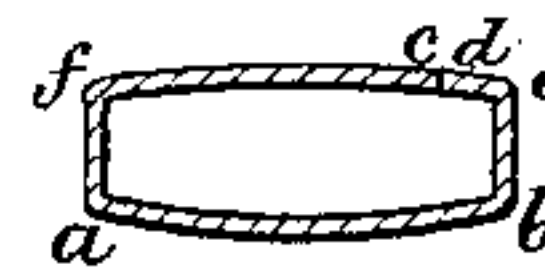


Fig. 5.

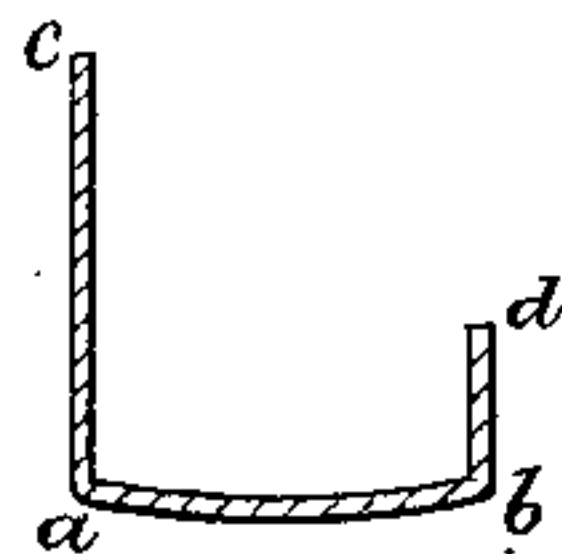
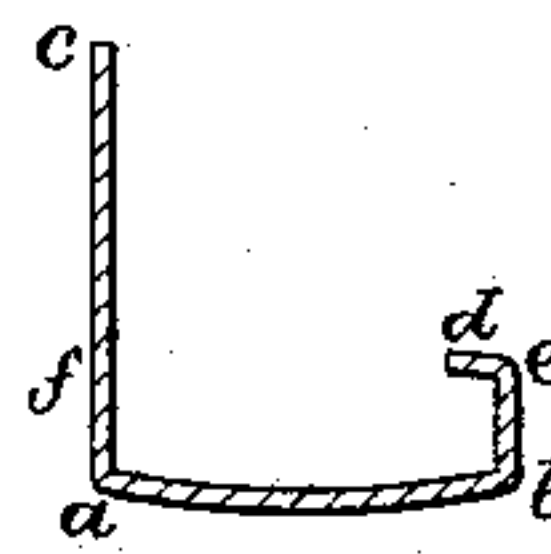


Fig. 6.



Witnesses.

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UNITED STATES PATENT OFFICE.

CHARLES E. HAYWARD, OF ATTLEBOROUGH, MASSACHUSETTS.

BRACELET.

SPECIFICATION forming part of Letters Patent No. 228,348, dated June 1, 1880.

Application filed February 16, 1880.

To all whom it may concern:

Be it known that I, CHARLES E. HAYWARD, of Attleborough, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Bracelets; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side view, Fig. 2 an edge view, and Fig. 3 a transverse section, of a bracelet half or section made in accordance with my improvement, such figures being on an enlarged scale. Fig. 4 is an end view of a strip of metal to be used in making the arched tube or bracelet-section. Fig. 5 is a transverse section of such plate after it may have been rolled or drawn so as to be bent twice at a right angle, or thereabout, while Fig. 6 is another transverse section of it, showing the manner in which it is next bent by rolling. Fig. 7 is a transverse section of it as it appears when finally completed and ready for the reception of its fillets, which are shown in Fig. 3 in their arrangement relatively to the abutting edges of the strip and the edges of the tube.

The object of my invention is to produce a tubular bracelet-section in which, when completed, there shall be no visible seam. Bracelets, as usually made, are composed of two halves or arched tubular sections hinged together.

In carrying out my invention for the production of one of such sections, I take a strip of plate metal of the proper width and length, and bend it twice at a right angle, in manner as shown at *a b* in Fig. 5, the portion from *b* to *d* being shorter than the portion from *a* to *c*. I next bend the portion *b d* in at a right angle, or thereabout, toward the portion *a c*, such being as shown at *e* in Fig. 6. Next I bend the portion *a c* at *f* at a right angle, or thereabout, as shown in Fig. 7, so that the opposite edges of the strip at *c* and *d* may meet, or nearly meet, together, and I unite said edges by solder, so as to form a seam, and thereby produce a flat tube rectangular, or about so, in transverse section. This seam I subsequently cover by means of a strip or fillet, *g*, of metal, arranged near the edge of the tube, and extending from one end to the other of such tube, such fillet being soldered or otherwise properly fastened in place, and chased or ornamented on its outer surface,

or left plain or unornamented, as occasion may require.

Furthermore, I fix to the periphery of the tube, at or near the other edge of the tube, another such fillet, *h*, and by a suitable process the tube so constructed is to be bent into the arched form, which bending may be accomplished either before or after the fixation of one or both the fillets to it.

In some cases the tube is to be formed so as to have the seam and the covering-fillet thereof along its middle, in which instance the tube may be finished either with or without other such fillets; but, generally speaking, I prefer to make it in manner as herein first described—that is to say, with the seam and covering-fillet arranged in close contiguity with one edge of the tube, and to have at or near the opposite edge a corresponding fillet or representation thereof.

By such a mode of constructing the tube the solder of the seam becomes so covered as in no respect to interfere with the electro-gilding process to which the tube is subsequently to be subjected, nor will it be seen through the layer of gold, as is usually the case when the seam is uncovered by an ornamental fillet.

What, therefore, I claim as my invention is as follows, viz:

1. A tubular bracelet-section made substantially as described, viz: of a strip of plate metal bent transversely into the form of a tube and arched longitudinally, as set forth, and having the seam or junction of the opposite edges covered by a fillet soldered or fixed to the periphery of the section, all substantially as explained.

2. A tubular bracelet-section consisting of a plate of metal bent laterally in the form of a flat tube, so that the seam or junction of the edges of the said plate shall be in close contiguity with one edge of the tube, in combination not only with one fillet or band of metal arranged and fixed on the periphery near the other edge of said tube, but with another such fillet or band applied and fixed to the periphery near its opposite edge, and to cover the seam or junction of the edges of the strip, all being essentially as set forth.

CHARLES E. HAYWARD.

Witnesses:

R. H. EDDY,
W. W. LUNT.