H. L. ALLEN.

BAND FOR BRACELETS.

APPLICATION FILED MAR. 16, 1911.

997,225. Patented July 4, 1911.

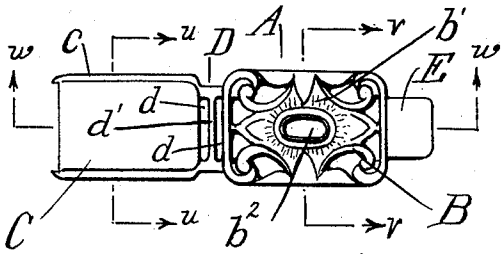

FIG. 1.

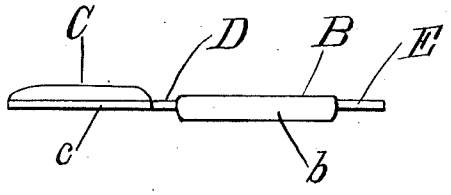

FIG. 2.

FIG. 3.

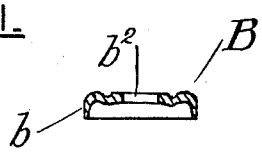

FIG. 4.

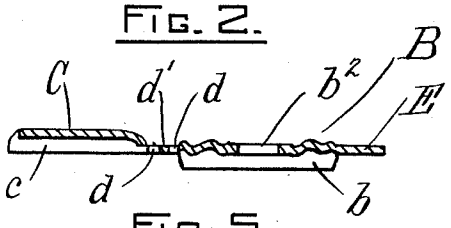

FIG. 5.

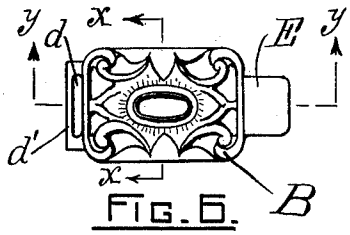

FIG. 6.

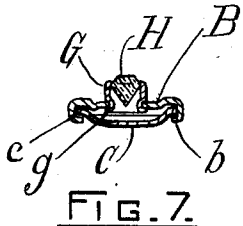

FIG. 7.

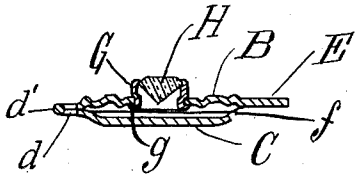

FIG. 8.

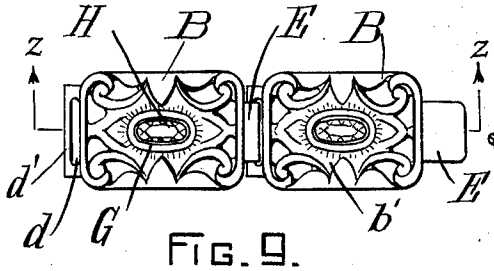

FIG. 9.

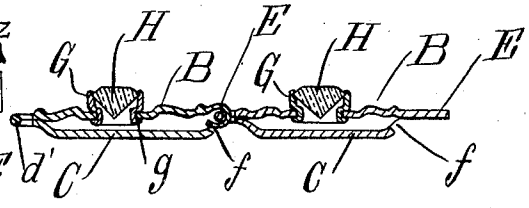

FIG. 10.

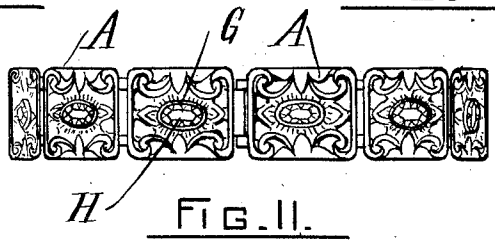

FIG. 11.

WITNESSES

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UNITED STATES PATENT OFFICE.

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BAND FOR BRACELETS.

997,225. Specification of Letters Patent. **Patented July 4, 1911.**

Application filed March 15, 1911. Serial No. 614,523.

To all whom it may concern:

Be it known that I, HARRY L. ALLEN, a citizen of the United States, residing at Sherbrooke, in the county of Sherbrooke, Province of Quebec, and Dominion of Canada, have invented certain new and useful Improvements in Bands for Bracelets, of which the following is a specification.

My invention relates to bands adapted for use in bracelets, necklaces, belts and similar articles of jewelry and has for its essential objects the production of an article of this character without the use of solder, the employment of a minimum of parts, and the adaptability of such parts for substitution, automatic production, and assemblage.

Further objects are simplicity, comfort, strength, inexpensiveness, and capacity for ornamentation.

To the above ends essentially my invention consists of such novel parts and arrangement and combination of parts as fall within the scope of the appended claims.

In the accompanying drawings which form a part of this specification and in which like reference characters indicate like parts throughout the views,—Figures 1 and 2 are face and edge views respectively of an unbent unit employed in my novel structure, Figs. 3, 4, and 5, sections of the same respectively on lines *u u*, *v v*, and *w w*, of Fig. 1, Fig. 6, a face view of a bent unit, Figs. 7, and 8, sections of the same on lines *x x*, and *y y*, respectively of Fig. 6, Fig. 9, a face view of two folded units inter-engaged, Fig. 10 a section of the same on line *z z* of Fig. 9, and Fig. 11, a face view of a complete band arranged as a bracelet embodying my invention.

In its present and preferred form of embodiment my band or bracelet comprises a plurality of hollow pivotally connected units constructed as follows: Each unit is formed by stamping and cutting automatically with suitable die from a strip or sheet of thin preferably plated metal a blank A comprising two substantially rectangular hollow portions B and C, an intermediate flat contracted or neck portion D, and an end lug E. The portion B is provided with inturned marginal flanges *b* upon its top or bottom, as the case may be, and is provided with an ornamental face b^1 of any desired outline which in this instance includes a central perforation b^2 adapted for the reception of an ornament. The portion C has flat marginal portions or flanges *c* upon its top or bottom, as the case may be. The neck portion D is provided with two transversely disposed oblong parallel openings *d*, *d*, forming therebetween a post d^1.

The described blank is converted into a unit by bending the same upon itself along the line of the post d^1 as shown in Figs. 6 to 8 inclusive, the flanges *b* of the front plate B being bent around and over the marginal portion *c* of the back plate C. The units are now formed into a band by transversely bending the lug E into loop form through the opening *d* of the adjacent unit, thereby forming a loose sleeve around the post d^1. The free end of the bent lug is inserted in a resultant space *f* in the adjacent end of the back plate C, although such space is not essential to a successful construction of my device.

It will be seen that all the described operations are capable of being performed without the use of solder by reason of which fact the annealing involved by the application of heat in the soldering process is avoided, and gold plate may be used in this construction because of the absence of discoloration of the stock resultant upon the use of solder. It will be further noted the described units lend themselves to automatic construction to a large extent, and reduce the number of parts to be manipulated to minimum, making the amount of hand work inconsequential. If it is desired to further ornament the units an ordinary tubular setting G may be frictionally mounted in the opening b^2 of the front plate with its lower end rolled over as at, *g*, against the inner face of the front plate. An ornament H is mounted in the setting in the usual manner. The outwardly swelled or concavo convex exterior face of the unit wall C lessens the bearing area of the unit upon the body this avoiding wear and discomfort.

What I claim is:—

1. A band of the type set forth composed of units, each unit comprising a front plate, a back plate, said back and front plates having coacting flanges a fold connecting the two plates at one end said fold being provided with openings registering with each other to form a post, and a curved lug integral with one of the plates at the end op-

posite the fold loosely surrounding the post of the adjacent unit.

2. A band of the type set forth composed of units, each unit comprising a front plate, a convex back plate, said back and front plates having coacting flanges a fold connecting the two plates at one end provided with openings registering with each other, and a curved lug upon the opposite end of one of the plates passing through the openings in the fold of the adjacent unit.

3. A band of the type set forth composed of units, each unit comprising a front plate provided with a perforation, a setting fixed in the perforation, a convex back plate, a fold connecting the two plates at one end provided with openings registering with each other to form a post, and a curved lug integral with one of the plates loosely engaging the post of the adjacent unit.

4. A band of the type set forth composed of units, each unit comprising a front plate provided with marginal flanges, a back plate provided with marginal portions engaged by the flanges of the front plate, a fold uniting the adjacent plates at one end of the unit and provided with openings in its sides registering with each other, and a curved lug integral with the front plate passing through the openings in the fold of the adjacent unit.

5. A band of the type set forth composed of units, each unit comprising a front plate provided with marginal flanges upon its side edges, a convex back plate provided with flat marginal portions overlapped by the flanged portions of the front plate, a fold integral with the plates at one end provided with vertical openings in its sides, and a curved lug integral with the end of the front plate passing through the openings in the fold of the adjacent unit and having its free end located intermediate the front plate and the back plate.

6. As a new article of manufacture, a blank for a band unit comprising two end portions provided with a contracted neck portion and having marginal flanges upon their side edges, said neck portion being provided with two parallel transversely disposed openings, and a lug upon the end of one end portion opposite the neck portion.

In testimony whereof I have affixed my signature in presence of two witnesses.

HARRY L. ALLEN.

Witnesses:

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CHARLES P. KEELER.