G. H. BERTHOLD.

FOB CHAIN, BRACELET, &c., AND METHOD OF MAKING SAME.

APPLICATION FILED JULY 31, 1909.

999,146. Patented July 25, 1911.

Fig. 1.

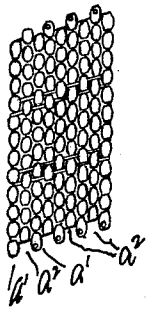


Fig. 2

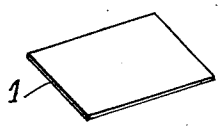


Fig. 3.

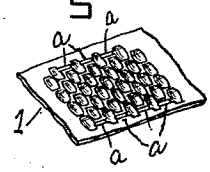


Fig. 4.

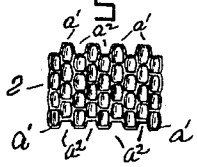
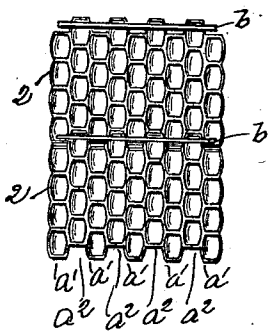


Fig. 5.



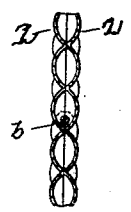


Fig. 6.

Witnesses,
Willard H. Barkley.
Clarence N. Woolley

Inventor.
George H. Berthold

By Henry Marsh Jr.
Attorney.

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

GEORGE H. BERTHOLD, OF ATTLEBORO, MASSACHUSETTS, ASSIGNOR TO THE METALLIC COMPANY, OF ATTLEBORO, MASSACHUSETTS, A FIRM.

FOB-CHAIN, BRACELET, &c., AND METHOD OF MAKING SAME.

999,146. Specification of Letters Patent. Patented July 25, 1911.

Application filed July 31, 1909. Serial No. 510,679.

To all whom it may concern.

Be it known that I, GEORGE H. BERTHOLD, a citizen of the United States, and resident of Attleboro, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Fob-Chains, Bracelets, &c., and Methods of Making the Same, of which the following is a specification.

The purpose of my invention is to provide a flexible chain composed of few parts connected by concealed hinge joints and which can be cheaply constructed.

To these ends my invention consists in the novel mode of making the links for the chain, etc., and in combining a plurality of links to form a flexible chain having concealed joints, as described hereinafter and shown in the accompanying drawings, in which,—

Figure 1 is a perspective view of a fob-chain embodying my invention. Fig. 2 is a similar view of the original blank from which my fob is constructed. Fig. 3 is a similar view showing such blank after the ornamental design has been struck up on it. Fig. 4 is a plan view showing a link member ready for assembly in the chain. Fig. 5 is a plan view showing mode of securing two link members together. Fig. 6 is a longitudinal section showing in edge view two link members hinged together.

Like reference letters and numerals indicate like parts in the several views.

Referring to the accompanying drawings, 1 represents a piece of sheet metal upon which by suitable dies or tools is stamped or otherwise formed a plurality of raised portions representing the beads of a bead chain, as shown in Fig. 3. I next cut away the opposite edges of the blank 1 (Fig. 3) to form projecting ears a^1, a^1, of the adjacent raised portions, and notches a^2, a^2, between the same, with one more ear upon one edge than the other. Said ears are to serve as pivot bearings. I assemble the blanks by abutting two of such blanks so that the projecting ears on the edge of one blank will enter the notches on the edge of the abutting blank, as shown in Fig. 5, in which the inner faces of the blanks are shown. Next I place upon and across said interlocking ears a^1 a pivot wire b (Fig. 5), and then superimpose upon said abutting blanks and pivot wire other like blanks and solder said blanks together, thus forming the chain link and inclosing and concealing the pivot wire b (Fig. 6) and producing a flexible bead chain or bracelet with concealed joints, as shown in Fig. 1. The pivot wires b do not extend beyond the outermost projecting ears a^1, but terminate at each end within said ears and therefore will be entirely concealed when the two blanks are superimposed and soldered together, as shown and described, to form the link. I preferably flux one or both of the blanks 2 on their inner faces with solder so that when the two are placed one upon the other and heat applied they will readily be soldered together to form the chain link.

The ends of the chain may be trimmed with suitable pendant and means for attachment to the watch, or with suitable clasp fittings for a bracelet. Such pendant or other terminal of the chain may similarly be provided with projections and notches adapted to interlock with those at the ends of the chain links, and arranged and adapted similarly to inclose and conceal the pivot wire.

Links constructed according to my invention herein described may be joined together in the manner shown and described to form bracelets, fob-chains and the like.

The terminals of the chain or bracelet may, if desired, be of any desired shape or configuration or design, and may be struck up integrally with the parts forming the end link of the chain. The body surface of the link may be suitably ornamented, and may be of any desired shape or configuration.

I claim as my invention, and desire to secure by Letters Patent:

1. The mode of making links for chains, bracelets, etc., consisting in stamping or otherwise forming from sheet metal blanks each having a plurality of raised portions representing the beads of a bead chain, cutting away the opposite edges of the blanks to form projecting ears of the adjacent raised portions for pivot bearings and notches between the same, and also one more ear upon one edge than the other, assembling two such blanks side by side and fixedly uniting them to each other.

2. In a chain or bracelet the combination of a pivot wire and a plurality of links, each link composed of two blanks assembled side by side and united together, each blank

stamped or otherwise formed from sheet metal and having a plurality of raised portions representing the beads of a bead chain, and having opposite edges cut away to form projecting ears of the adjacent raised portions for pivot bearings, and notches between the same, and also one more ear upon one edge than the other, said links arranged with the projecting ears of each link in engagement with the notches of the adjacent link, and said pivot wire disposed between the projecting ears of two adjacent links and engaged and concealed thereby.

GEORGE H. BERTHOLD.

Witnesses:
HENRY MARSH, Jr.,
HENRY J. SPOONER, Jr.