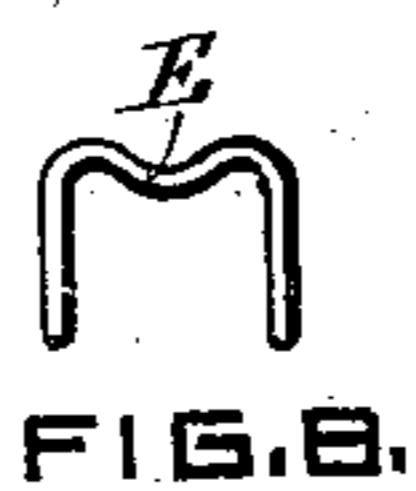
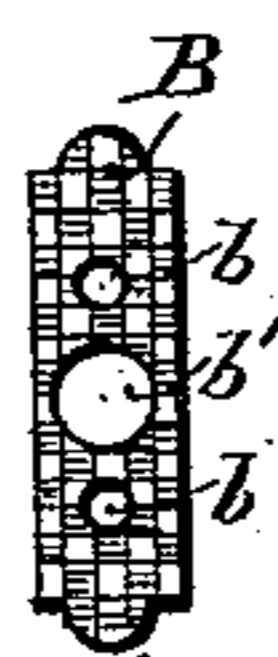
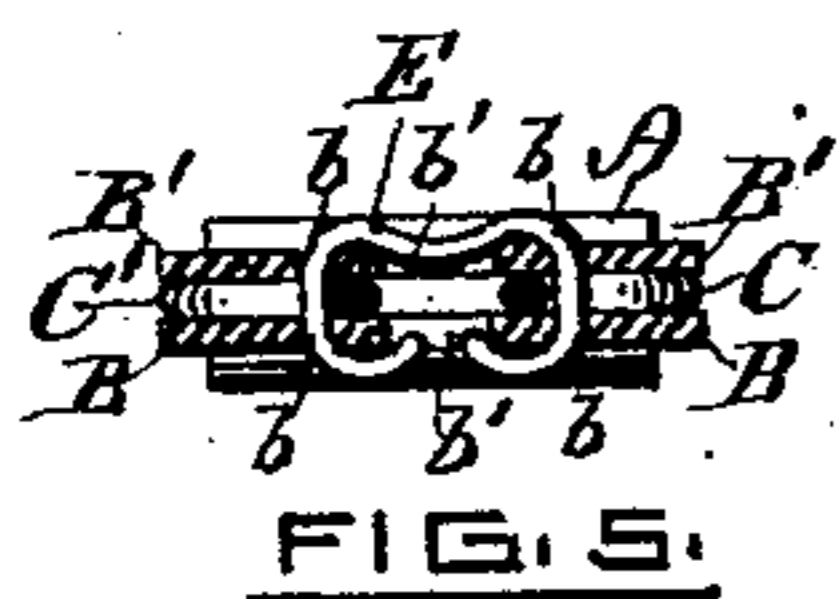
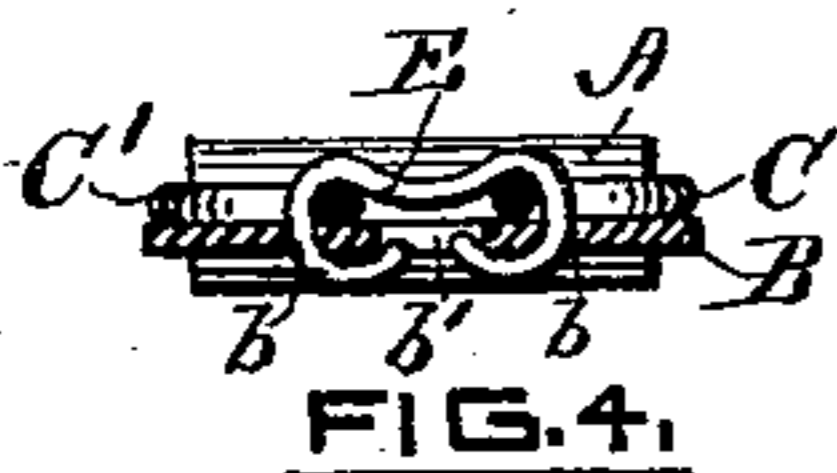
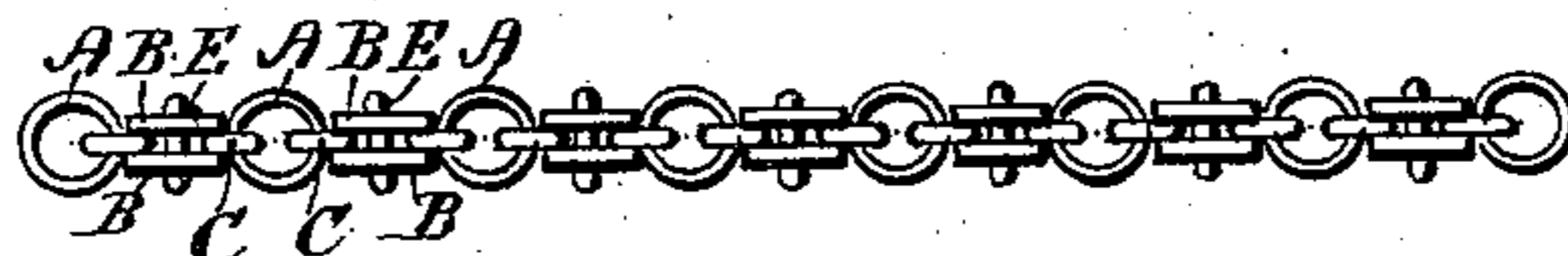
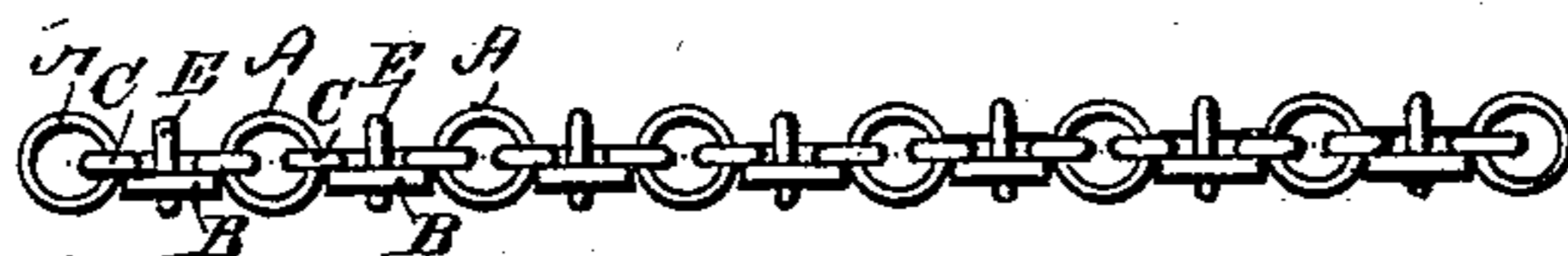
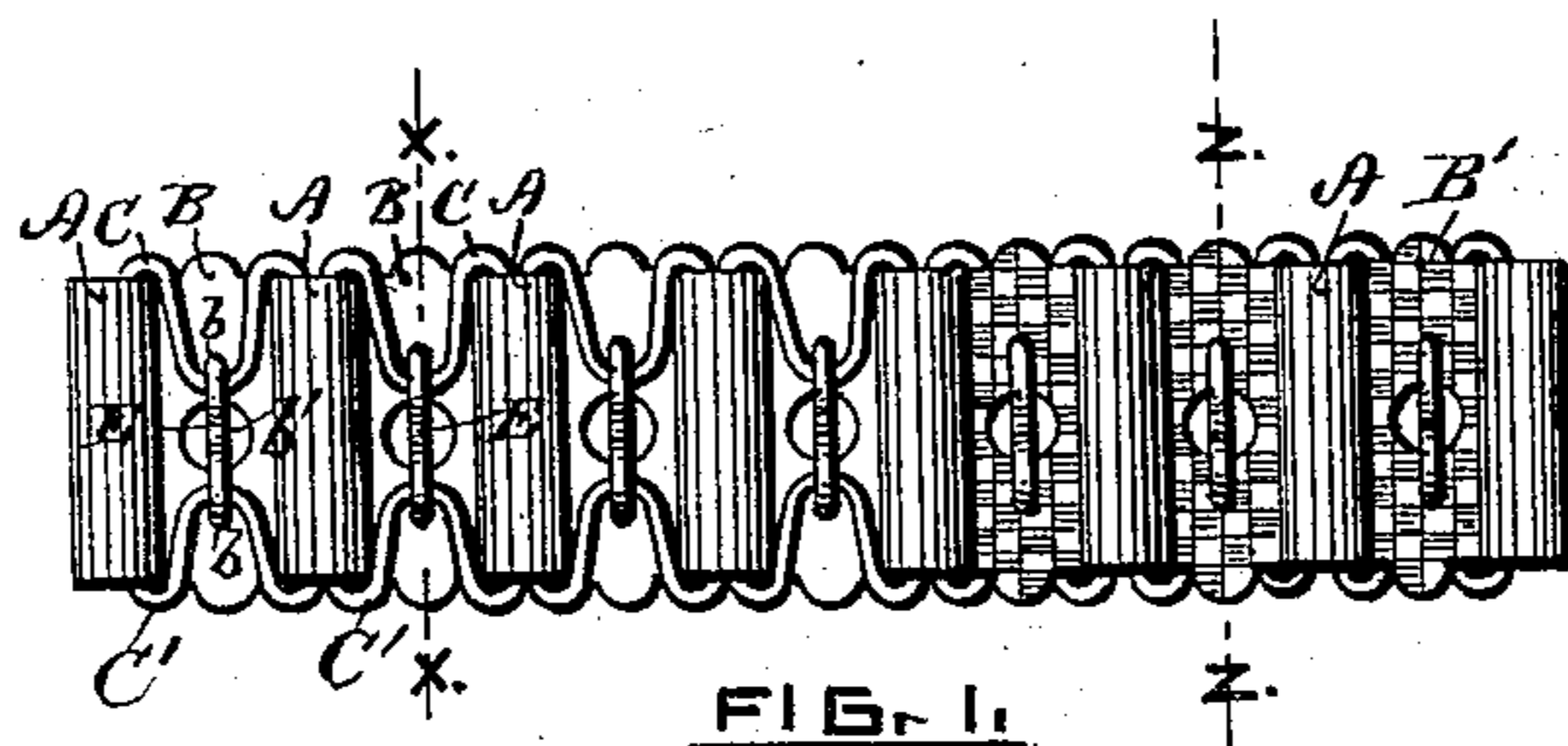


(No Model.)

C. H. WARE.
ORNAMENTAL CHAIN.

No. 289,874.

Patented Dec. 11, 1883.



WITNESSES.

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ORNAMENTAL CHAIN.

SPECIFICATION forming part of Letters Patent No. 289,874, dated December 11, 1883.

Application filed June 22, 1883. (No model.)

To all whom it may concern:

Be it known that I, CLEVELAND H. WARE, of Wrentham, in the county of Norfolk and State of Massachusetts, have invented an Improvement in Ornamental Chains, of which the following is a specification.

My invention relates to an ornamental chain which is formed of transversely-arranged tubular links combined with intervening plates of ornamented flat stock, and connected by means of wire hooks, which are made to enter the open ends of the tubular links; and it consists in the improved combination of the several parts, as hereinafter fully set forth.

Figure 1 is a plan view of the chain, showing two forms of construction. Fig. 2 is an edge view of the chain when made with its sides dissimilar. Fig. 3 is an edge view of the chain when made alike on both sides. Fig. 4 is a section taken in the line *xx*, Fig. 1. Fig. 5 is a section taken in the line *zz*, Fig. 1. Fig. 6 is a plan view of one of the intermediate flat plates. Fig. 7 is a side elevation of one of the hooks. Fig. 8 is a side elevation of one of the fastening-staples.

In the accompanying drawings, *A A A* are the tubular links, which may be made either plain or ornamented, as desired. *B B* are the intermediate plates of ornamented sheet metal, provided with the perforations *b b b'*, as shown in Fig. 6. The double hooks *C C*, which serve to connect the links *A A*, are secured to the intermediate flat plates *B* by means of the staple *E*, the arms of which are adapted to

pass through the perforations *b b*, and are closed down over the middle portion of the hooks *C C*, as shown in the sectional Figs. 4 and 5, Fig. 4 showing a chain made with but one intervening plate alternating with the tubular links, and adapted for making a chain-bracelet, in which the ornamental side of the chain is placed at the outer side of the bracelet; and Fig. 5 shows a chain made with two parallel intermediate plates alternating with the tubular links, thus making the opposite sides of the chain alike, and adapting the chain to general purposes of ornamentation, as well as for bracelets, and in this case the staple *E* will pass through the perforations *b b* in the parallel plates, and the ends of the staple may be folded into the perforation *b'* of the plate *B*, thus securing a desirable finish to both sides of the chain.

I claim as my invention—

1. The combination of the tubular links *A* and the intermediate plate, *B*, provided with the perforations *b b*, with the hooks *C C*, and fastening-staple *E*, substantially as described.

2. The combination of the tubular links *A* and the intermediate plates, *B*, provided with the perforations *b b* and *b'*, with the hooks *C C*, and fastening-staples *E*, substantially as described.

CLEVELAND H. WARE.

Witnesses:

LABURTON B. WARREN,
FRED B. BYRAM.