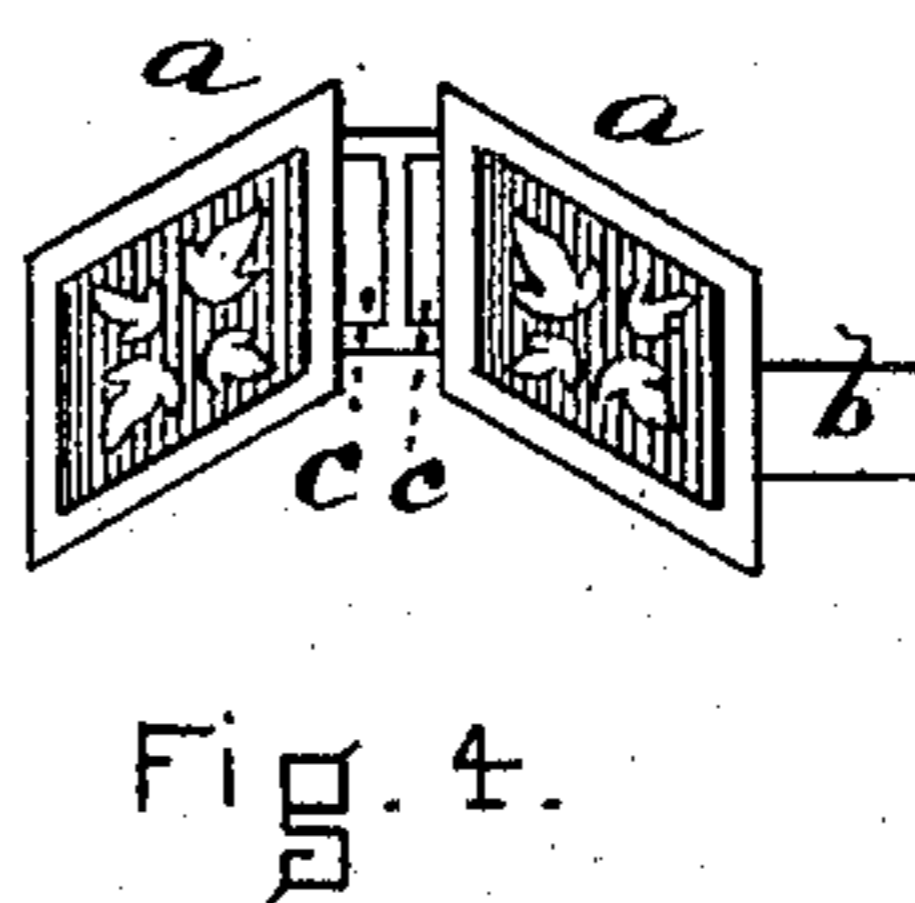
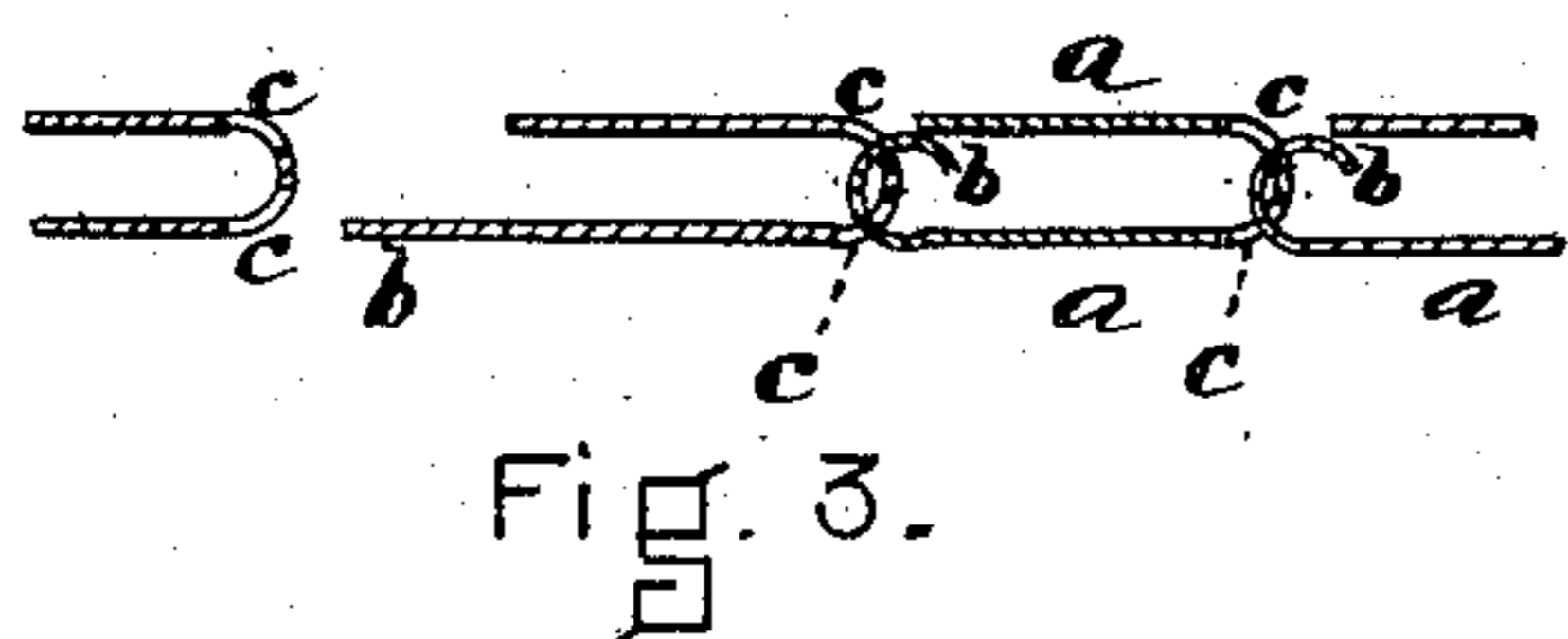
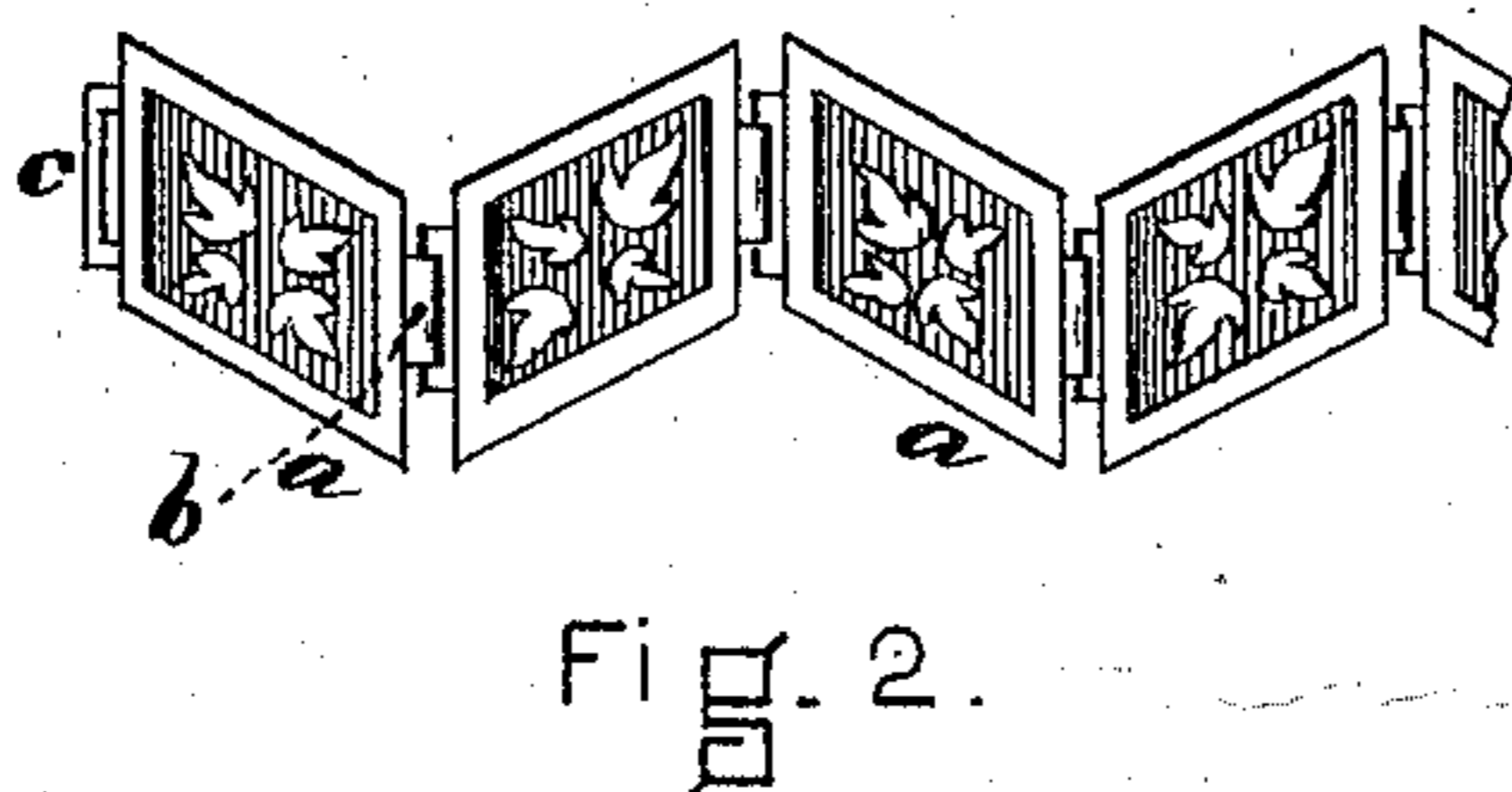


L. HECKMANN.  
Ornamental Chain-Link.

No. 198,109.

Patented Dec. 11, 1877



WITNESSES  
*B. W. Williams* *Louis Heckmann* INVENTOR  
*John E. Truving* By his Attys  
*Henry W. Williams*

# UNITED STATES PATENT OFFICE.

LOUIS HECKMANN, OF WRENTHAM, MASS., ASSIGNOR OF TWO-THIRDS HIS  
RIGHT TO WM. H. WADE AND EDWD. P. DAVIS, OF SAME PLACE.

## IMPROVEMENT IN ORNAMENTAL CHAIN-LINKS.

Specification forming part of Letters Patent No. **198,109**, dated December 11, 1877; application filed  
September 6, 1877.

*To all whom it may concern:*

Be it known that I, LOUIS HECKMANN, of Wrentham, in the county of Norfolk and State of Massachusetts, have invented a new and useful Improvement in Links for Chains, which improvement is fully set forth in the following specification and accompanying drawing.

This invention relates to links for such chains, principally, as are used as articles of jewelry or otherwise about the person.

The peculiar shape of the links, being that of an oblique parallelogram or rhomboid, enables the same links to produce, when variably attached, chains of entirely different shape and appearance.

In the accompanying drawings, Figure 1 represents a portion of a chain composed of links attached together. Fig. 2 represents a portion of a chain composed of the same links, every other link being reversed, so that the appearance and style of the chain are entirely different from that shown in Fig. 1. Fig. 3 is a longitudinal section of the links. Fig. 4 is a plan of a single link spread out and opened, so as to exhibit its original shape.

Similar letters of reference indicate corresponding parts.

The links *a* are of the shape of a rhomboid, and in Fig. 1 are placed with their angles uniformly pointing in the same direction, thus forming a straight line. In Fig. 2 every other link is reversed, thus making a chain of **W** shape.

It will be seen that each link is double, as illustrated in Figs. 3 and 4, and provided with a tongue, *b*, which projects at a right angle to the line of the nearest end of the link, and with two parallel slots, *c c*. Each tongue *b* hooks through the slots *c c* in the next link, thus attaching the links.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

The chain-link *a*, constructed substantially as herein described, and having its side made in the shape of an oblique-angled parallelogram or rhomboid, so as to be capable of producing the two styles of chains shown in Figs. 1 and 2, as above set forth.

LOUIS HECKMANN.

Witnesses:

HENRY W. WILLIAMS,  
B. W. WILLIAMS.