

(No Model.)

I. COLE.
CHAIN FOR BRACELETS.

No. 332,053.

Patented Dec. 8, 1885.

Fig. 1.

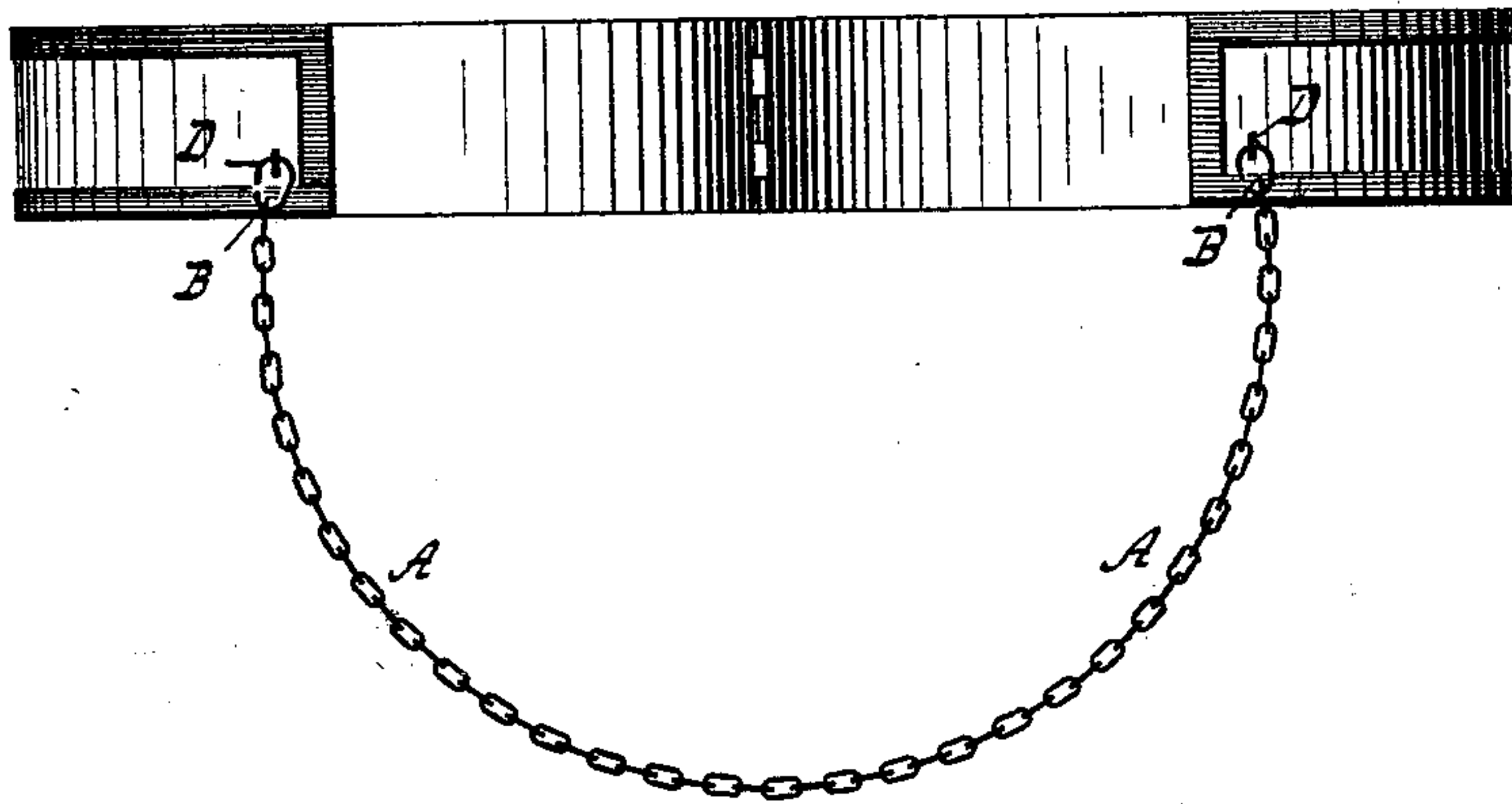


Fig. 2.

Fig. 3.

Fig. 5.

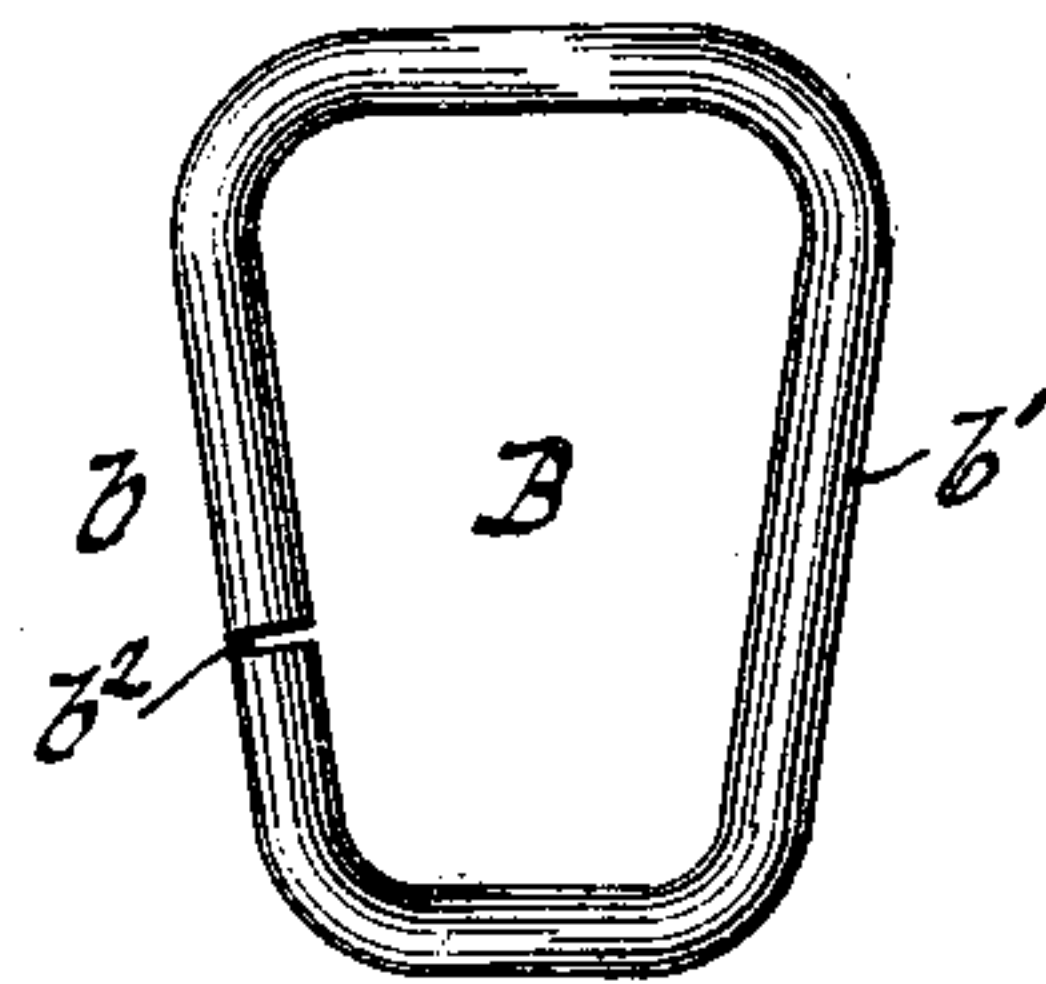
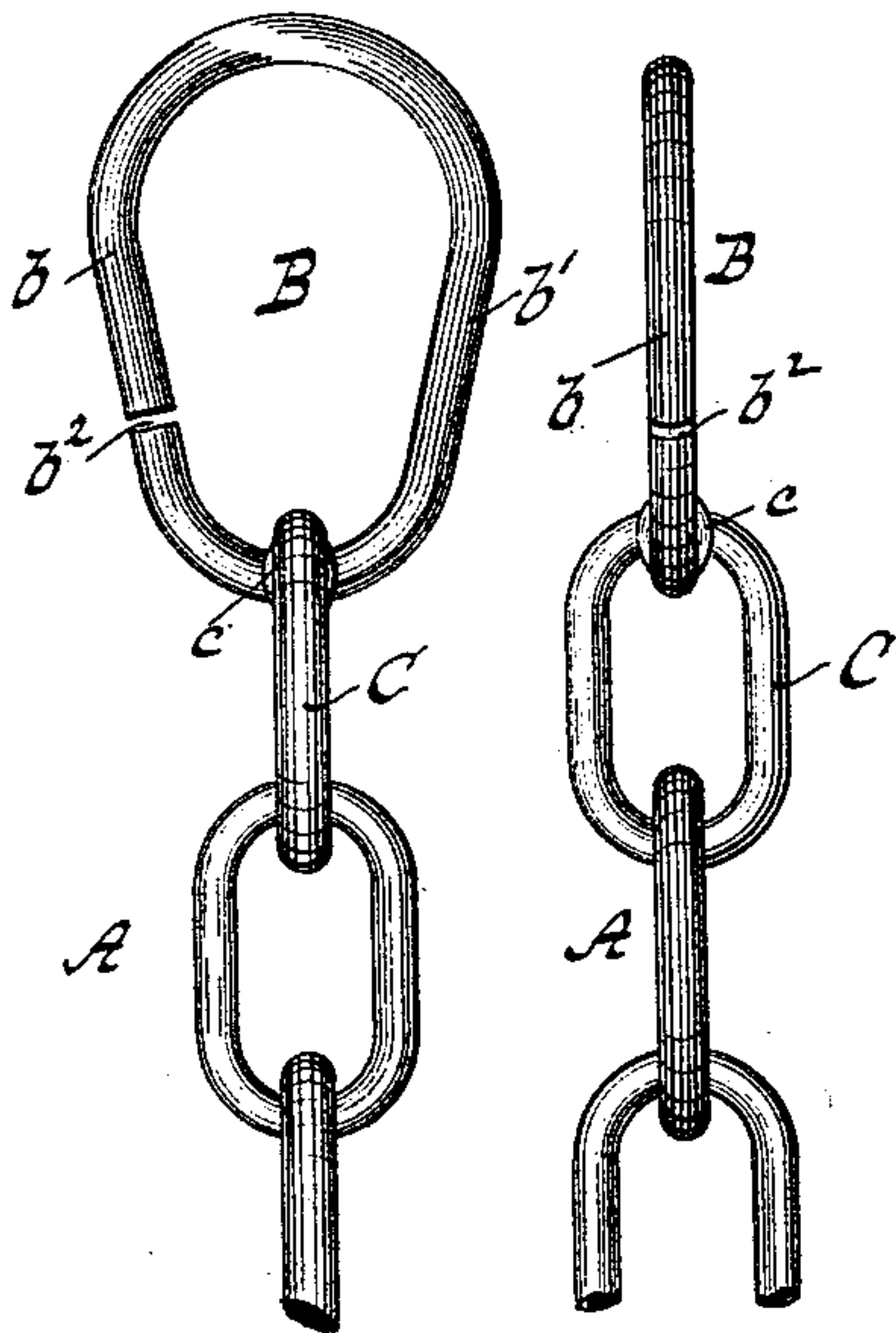
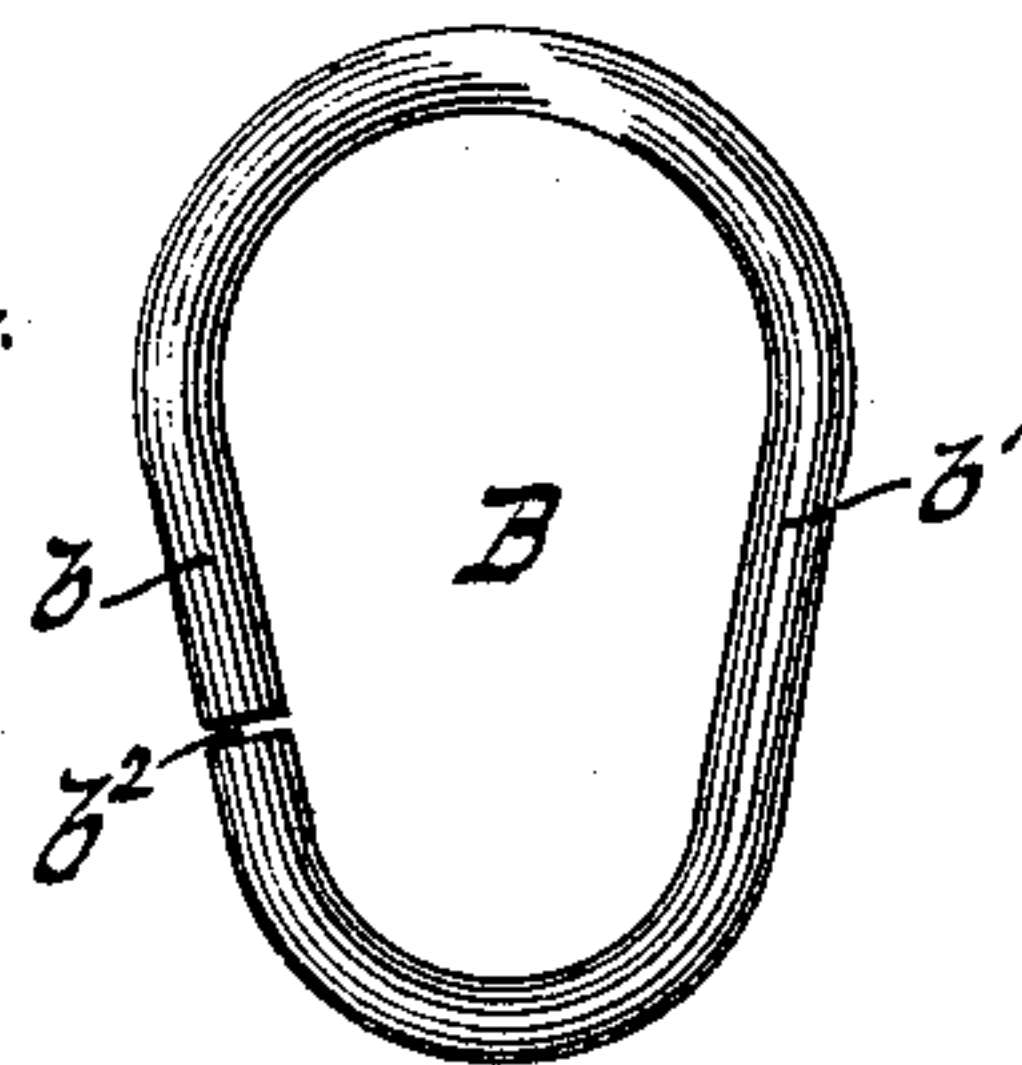


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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CHAIN FOR BRACELETS.

SPECIFICATION forming part of Letters Patent No. 332,053, dated December 8, 1885.

Application filed August 6, 1885. Serial No. 173,715. (No model.)

To all whom it may concern:

Be it known that I, ISAAC COLE, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Attachment-Chains for Bracelets and other Jewelry, of which the following is a specification.

My invention relates to improvements in ornamental chains, and especially to that class of chains known as "attachment" chains, which are adapted to be connected to the free ends of bracelets, lockets, or to similar articles of jewelry; and my invention consists, essentially, in providing one or both ends of a chain with a link, which is provided with an opening on one of its sides, and is secured rigidly to the end of the chain, all of which, together with other novel features, is more fully pointed out in the following specification and claims, and illustrated in the accompanying drawings, in which—

Figure 1 represents an elevation of my improved attachment-chain as secured to a bracelet. Fig. 2 is a face view of one end of the same, on a larger scale than the preceding figure. Fig. 3 is a side view of the same. Fig. 4 is a face view of the end link detached. Fig. 5 is a face view of a modified form of end link.

Similar letters indicate corresponding parts.

In the drawings, the letter A designates an attachment-chain, the body of which is composed of links united in the usual manner, while the links employed can also be of any desired shape. On each end of this chain A can be placed what I shall term an "end link," B, which latter, as shown in the drawings, Figs. 2 and 4, is oval-shaped, and consequently the sides *b b'* thereof are necessarily oblique to the axis of the link. This end link is provided with an opening, *b²*, in one of its sides, in order that it may be slipped over the last link, C, of the chain, and also that it may be inserted into the eye or link D, Fig. 1, usually secured to the bracelet or other article of jewelry. This opening *b²* may be situated centrally with reference to the ends of the end link; but by preference it is placed somewhat nearer the smaller end of the said link.

It frequently occurs that the end link of an attachment-chain having its opening in one end of the link, as usual, so turns that

the said opening is brought around to the last link proper of the chain, and any slight stress upon the attachment-chain will then cause the same to pull out from the said end link, which may result in the loss of the bracelet. To avoid this I place the opening in the side of the end link, and so incline the sides of the same that the smaller end of the said link will always be in engagement with the last link—that is to say, the end link will not be liable to turn. Although the link, as described, will remain almost stationary in position, yet for such chains as attachment-chains I prefer to secure this end link, B, rigidly to the last link of the chain, which I can do by soldering the former thereto in proximity of the point *c* after proper insertion into the said last link.

The end link shown in Fig. 5 differs from that shown in the preceding figures in having flatter ends—a form which I have found very efficient when the end link is not soldered or otherwise secured in position.

What I claim as new, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, an attachment-chain having an end link or links rigidly secured thereto, substantially as shown and described.

2. As a new article of manufacture, an attachment-chain having a link or links rigidly secured to the end of the chain and provided with a side opening, substantially as described.

3. As a new article of manufacture, an attachment-chain provided with end links rigidly secured thereto, said end links having side openings, substantially as shown and described.

4. As a new article of manufacture, an attachment-chain provided with oval end links, which links are rigidly secured thereto, and each of which is provided with a side opening near its smaller end, substantially as shown and described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

ISAAC COLE. [L. S.]

Witnesses:

J. VAN SANTVOORD,
A. FABER DU FAUR, Jr.