

(No Model.)

S. DAVIDSON.
ORNAMENTAL CHAIN.

No. 282,280.

Patented July 31, 1883.

Fig. 1.

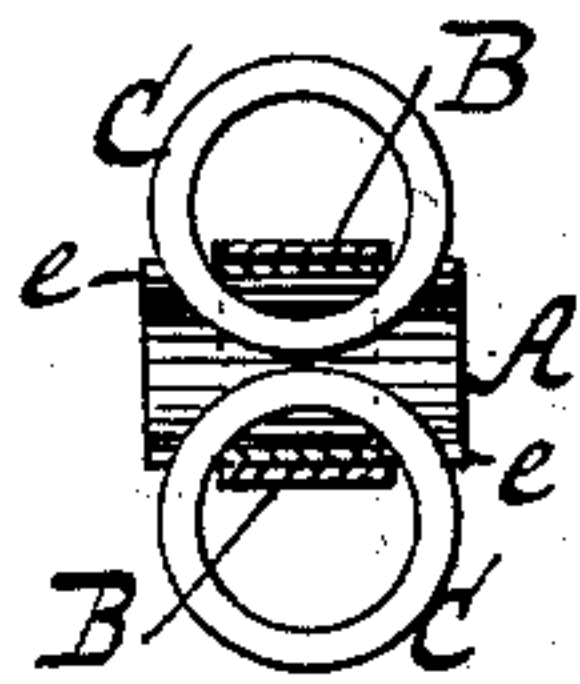


Fig. 2.

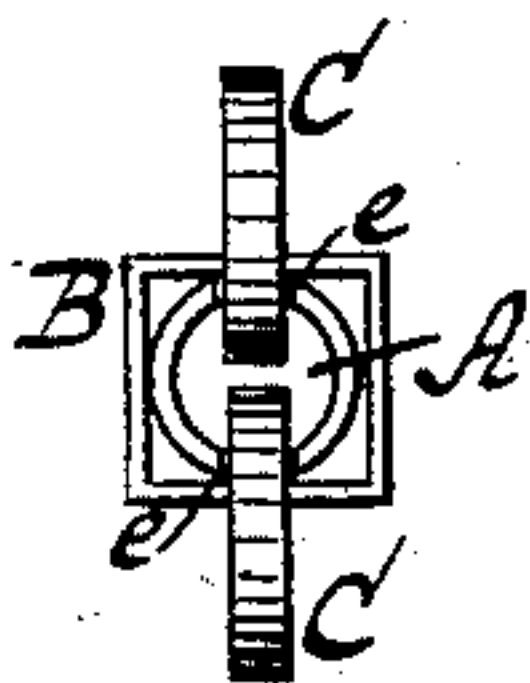


Fig. 3.

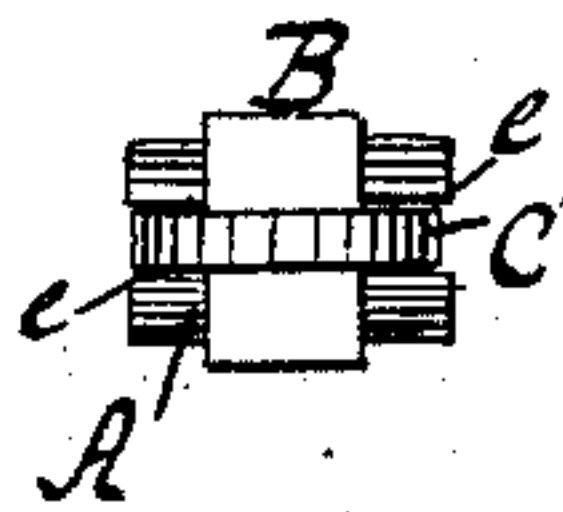


Fig. 4.



Fig. 5.

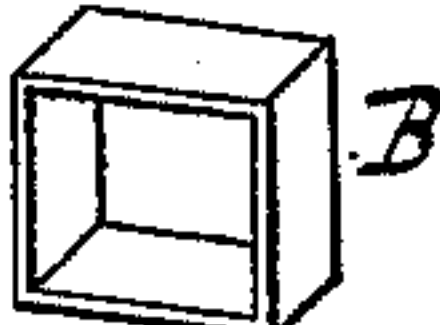


Fig. 6.

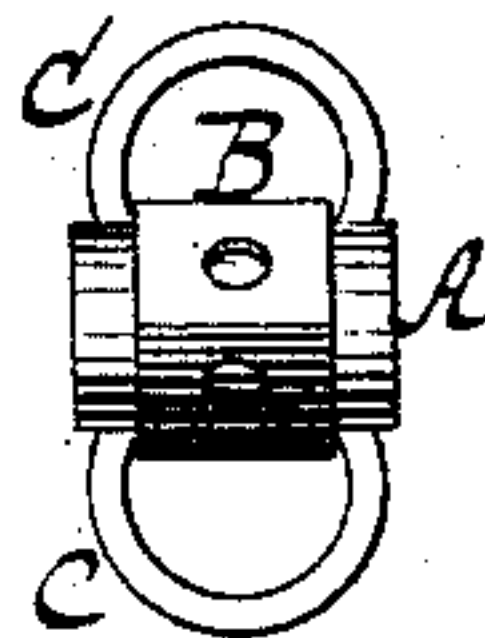


Fig. 13.

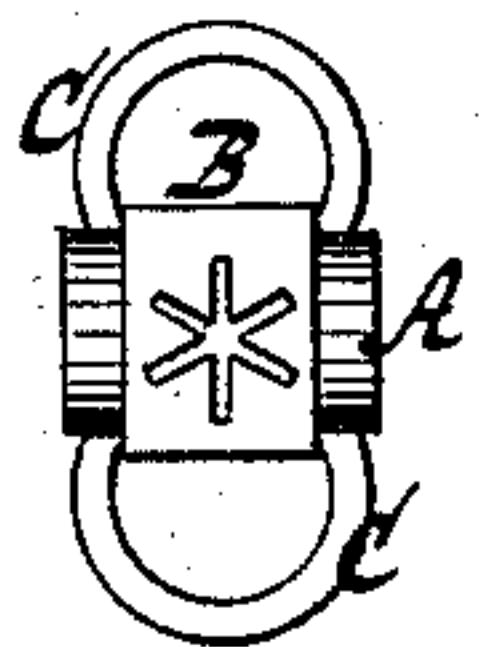


Fig. 7.

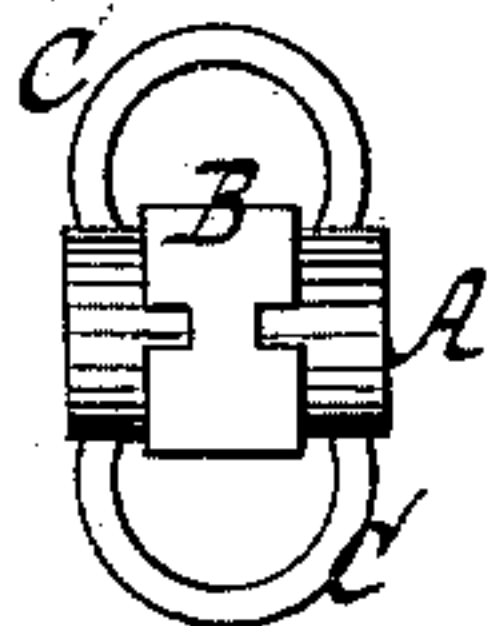


Fig. 8.



Fig. 9. Fig. 9*.



Fig. 14.

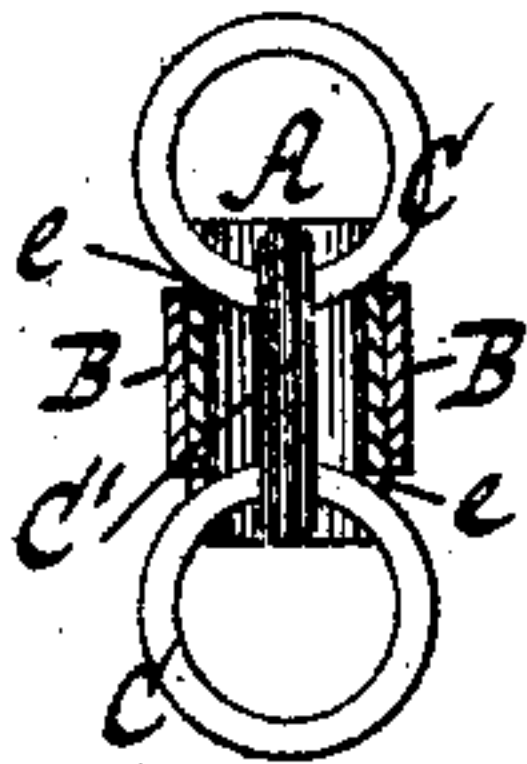


Fig. 10.

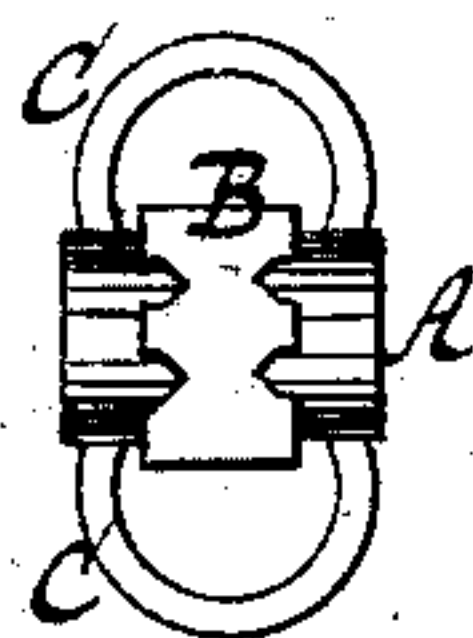


Fig. 11.

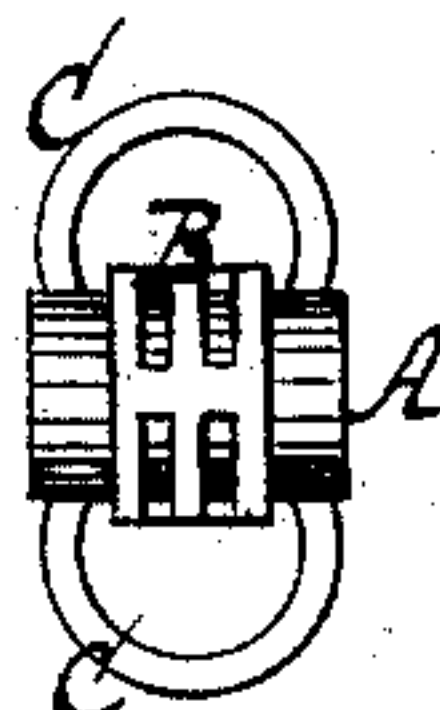
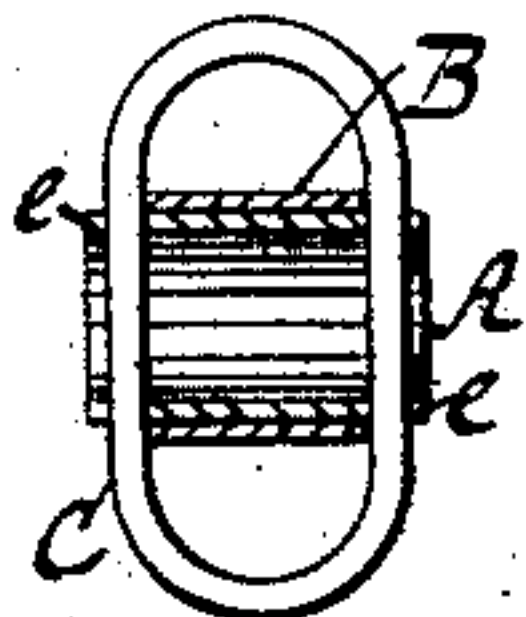


Fig. 12.



WITNESSES:

Fig. 15.



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INVENTOR

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ATTORNEYS

UNITED STATES PATENT OFFICE.

SALOMON DAVIDSON, OF NEW YORK, N. Y.

ORNAMENTAL CHAIN.

SPECIFICATION forming part of Letters Patent No. 282,280, dated July 31, 1883.

Application filed March 30, 1883. (No model.)

To all whom it may concern:

Be it known that I, SALOMON DAVIDSON, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Ornamental Chains, of which the following is a specification.

This invention relates to the construction of the links of ornamental chains without the use of solder; and it consists in the combination of a tube having coincident notches in its opposite ends, an ornamental box (one or more) embracing the tube, and loops (one or more) entering the notches of the tube and impinging against the box or boxes, so that while the loops are held in position by the notches they in turn serve to retain the box or boxes in position, as hereinafter more fully set forth.

This invention is illustrated in the accompanying drawings, in which—

Figure 1 represents a longitudinal section. Fig. 2 is a side view. Fig. 3 is an end view. Fig. 4 shows the tube, and Fig. 5 the box detached. Figs. 6 to 13, inclusive, illustrate various forms of the box. Figs. 14 and 15 show modifications in the construction of the link.

Similar letters indicate corresponding parts.

The letter A designates the tube; B, the ornamental box, and C the loops. In each end of the tube A are formed two or more notches, *e*, which coincide with each other, and are similar in shape to the cross-section of the loops C, so that the notches are adapted to receive the loops. The box B is arranged to embrace the tube A, it being open on two sides, and is of a width about equal to the distance between the notches *e* lengthwise of the tube, so that when the box is put in place a portion of the tube is left exposed on both sides of it. When two loops, C, are used, they are passed through the tube A from its opposite ends, in the proper manner to enter the notches *e*, as shown in

Figs. 1 to 13, inclusive; or the loops may simply rest in the notches and be held therein by a third loop, C', which is inclosed in the tube, as shown in Fig. 14. When a single loop is used, it is pressed into the notches *e* from the opposite ends of the tube, thus straddling the latter, as shown in Fig. 15.

It will be seen that by said arrangement of the loop or loops C in the notches *e* they are held against lateral displacement, thus preserving the proper position on the link, while they at the same time impinge against the box B, due to its width, and keep the box or boxes in a fixed position by preventing its longitudinal displacement.

It should be remarked that the cross-sections of both the tube and box or boxes may be varied in shape, while the shape of the loops also may be changed without departure from my invention.

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

1. A chain-link in which are combined a tube having coincident notches in its ends, an ornamental box embracing the tube, and a loop or loops entering the notches of the tube bearing against the ends of the box to retain it in position on the tube, substantially as and for the purpose described.

2. A chain-link in which are combined a tube having coincident notches in its ends, an ornamental box embracing the tube, two loops entering the notches of the tube and impinging against the box, and a third loop engaging said two loops, substantially as and for the purpose described.

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

SALOMON DAVIDSON. [L. S.]

Witnesses:

W. HAUFF,

CHAS. WAHLERS.