

(No Model.)

E. B. BULLOCK.  
ORNAMENTAL CHAIN LINK OR TIP.

No. 474,792.

Patented May 10, 1892.

FIG. 1.



FIG. 2.



FIG. 3.

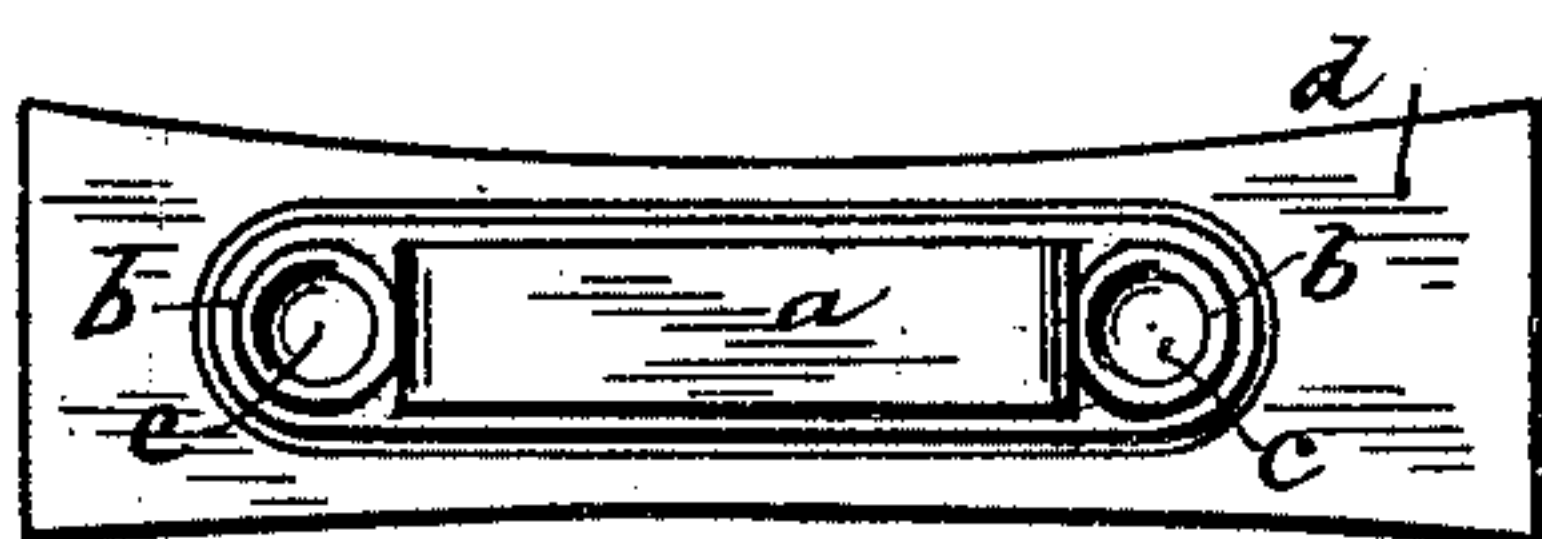


FIG. 5.

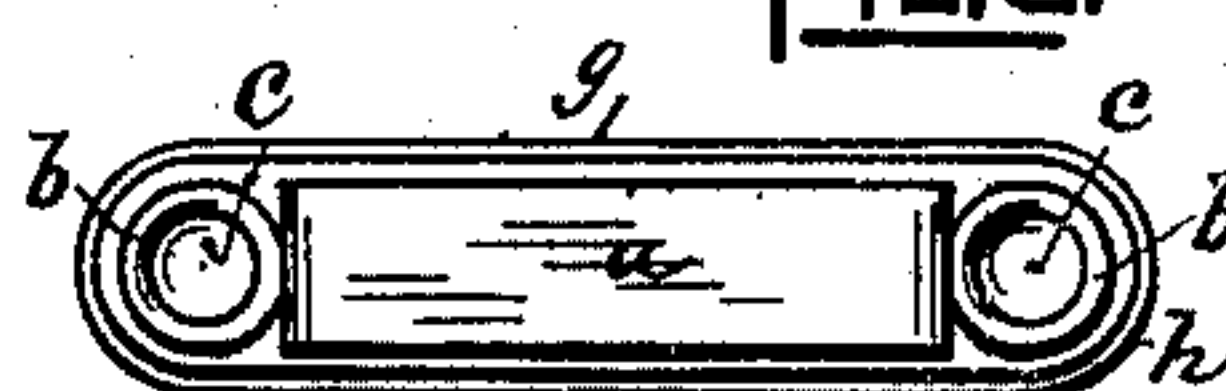


FIG. 4.

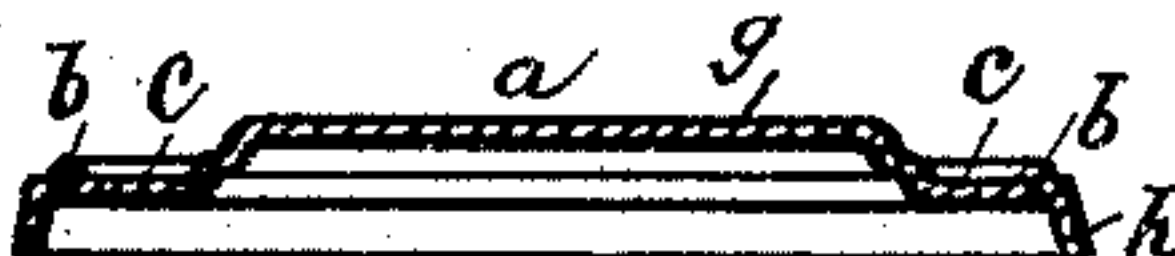
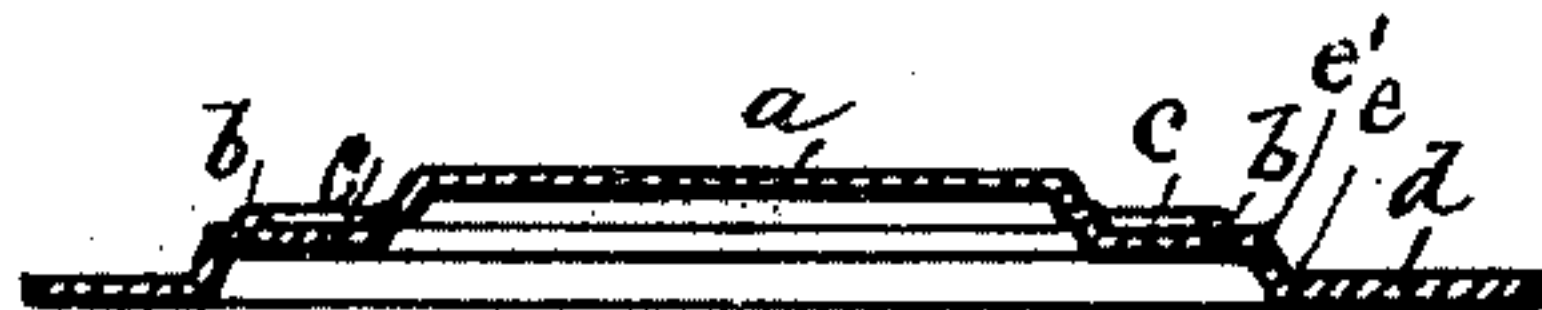


FIG. 6.

FIG. 7.



FIG. 8.

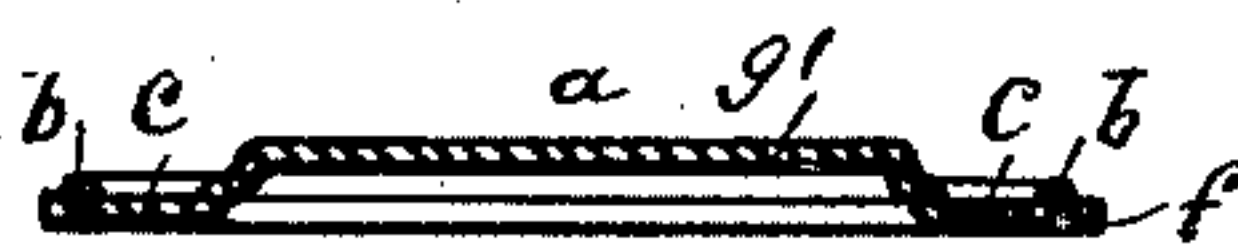


FIG. 9.

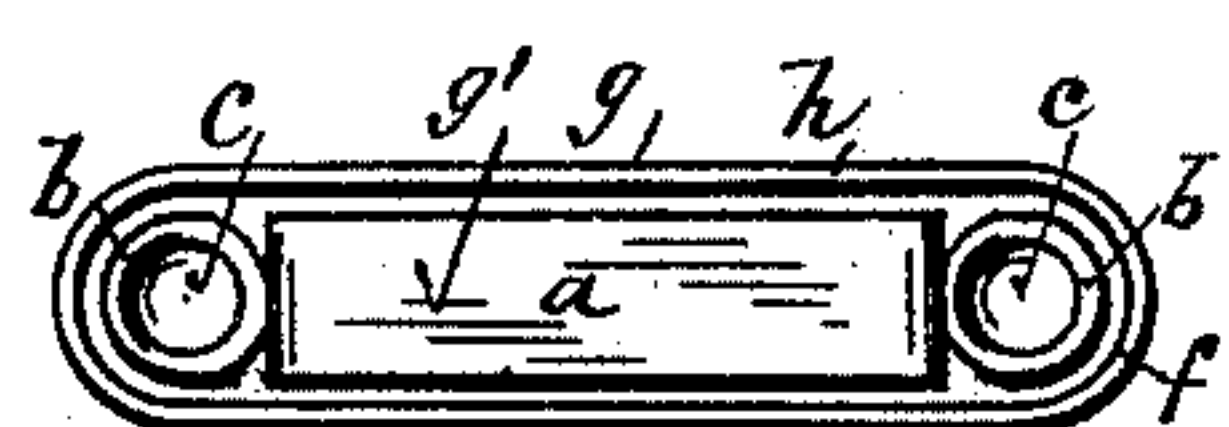


FIG. 11.

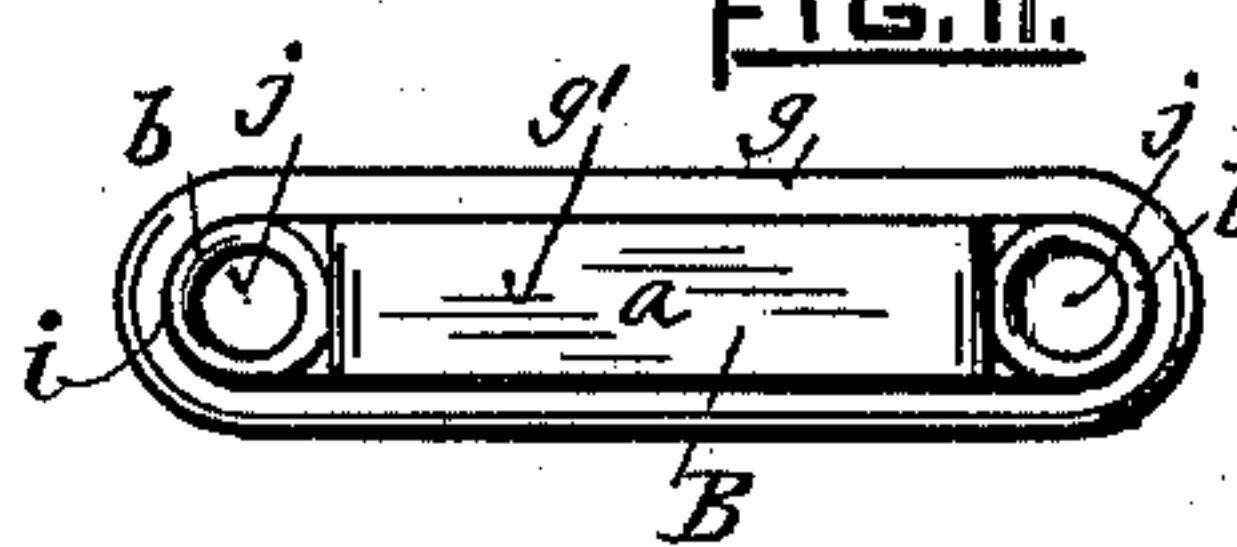


FIG. 10.

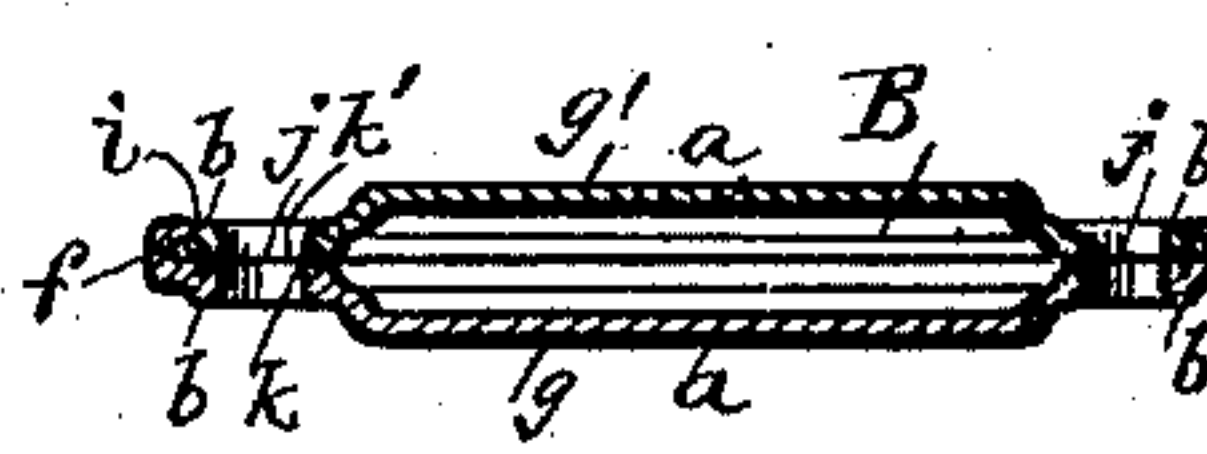
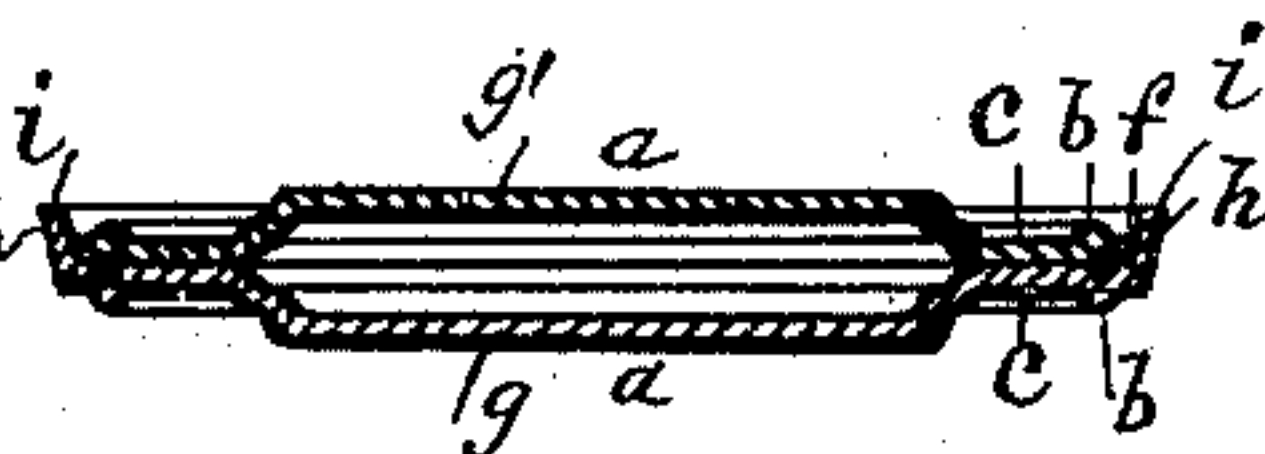


FIG. 12.

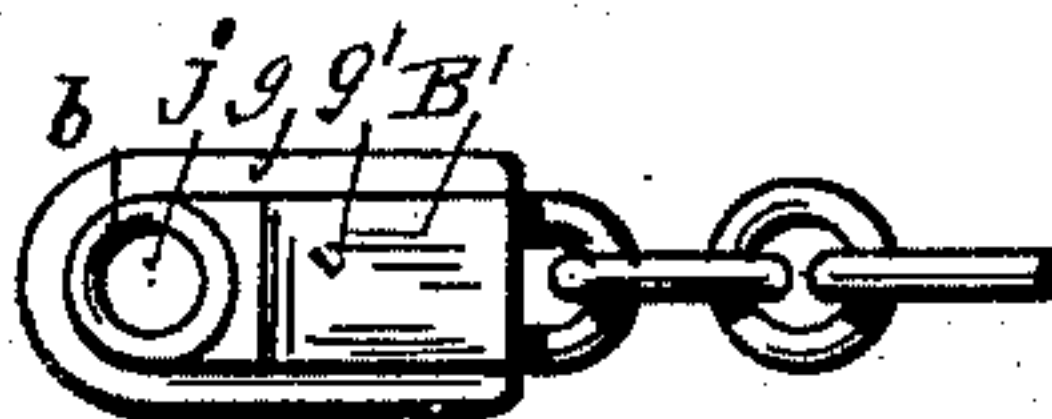


FIG. 13.

INVENTOR

WITNESSES.

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# UNITED STATES PATENT OFFICE.

EDWIN B. BULLOCK, OF ATTLEBOROUGH, MASSACHUSETTS.

## ORNAMENTAL CHAIN LINK OR TIP.

SPECIFICATION forming part of Letters Patent No. 474,792, dated May 10, 1892.

Application filed December 26, 1891. Serial No. 416,227. (No model.)

*To all whom it may concern:*

Be it known that I, EDWIN B. BULLOCK, a citizen of the United States, residing at Attleborough, in the county of Bristol, in the State of Massachusetts, have invented a new and useful Improvement in Ornamental Chain Links or Tips, of which the following is a specification.

The nature of my invention consists in the improved chain link or tip formed in two opposite parts of sheet metal, as hereinafter fully set forth.

Figure 1 represents a front view of the sheet-metal blank from which the sides of my improved link are to be formed. Fig. 2 represents an edge view of the same. Fig. 3 represents a front view of the blank shown in Fig. 1 when struck up to form one side of the link. Fig. 4 represents a central longitudinal section of the same. Fig. 5 represents a front view of the same with the surplus stock cut away. Fig. 6 represents a longitudinal section of the same. Fig. 7 represents a front view of the opposite side piece of the link. Fig. 8 represents a longitudinal section of the same. Fig. 9 represents a front view showing the two parts placed together preparatory to attachment. Fig. 10 represents a longitudinal section of the same. Fig. 11 represents a front view of the finished link. Fig. 12 represents a longitudinal section of the same. Fig. 13 represents a front view of the chain-tip embodying my improvement.

In the accompanying drawings, A represents the sheet-metal blank from which the opposite sides of my improved chain-link are to be formed, the said blank being placed between suitable dies and struck up, as shown in Figs. 3 and 4, with a raised ornamental central por-

tion *a* and the raised rim *b* at the outer edge of the circular recesses *c c*, and in order to form the completed chain-link B, Figs. 11 and 12, I cut off the waste portion *d* of the plate A from the corner *e*, as shown in Figs. 5 and 6, thus leaving the part *g*, and also cut off the said waste portion from a similar plate at the corner *e'*, as shown in Figs. 7 and 8, thus leaving the part *g'*, the edge *f* of the part *g'* being then inserted into the space within the rim *h* of the part *g*, as shown in Figs. 9 and 10, and the edge *i* of the rim *h* turned inward over the edge *f* of the part *g'* by means of suitable dies, as shown in Figs. 11 and 12. The bottom of the recesses *c c* are then cut out to form an opening or eye *j*, adapted to receive the connecting wire link of the chain. The ornamental link B will thus be formed without the employment of solder, and the chain-tip B' (shown in Fig. 13) is formed in the same manner as the link B, being simply one transversely-divided half of the link B. The raised rim *b* serves to form a suitable edge for the eye *j*, which receives the connecting wire link, the edges *k k'* of the opposite parts *g* and *g'* at the opening *j* being thus made to abut each other to form a properly-rounded edge for the said opening.

I claim as my invention—

The improved chain link or tip formed of the two parts *g* and *g'*, provided with the eye-opening *j*, having the raised rim *b*, the part *g* being formed similar to the part *g'* and secured to the said part *g'*, substantially as described.

EDWIN B. BULLOCK.

Witnesses:

SOCRATES SCHOLFIELD,  
JOSEPH J. SCHOLFIELD.