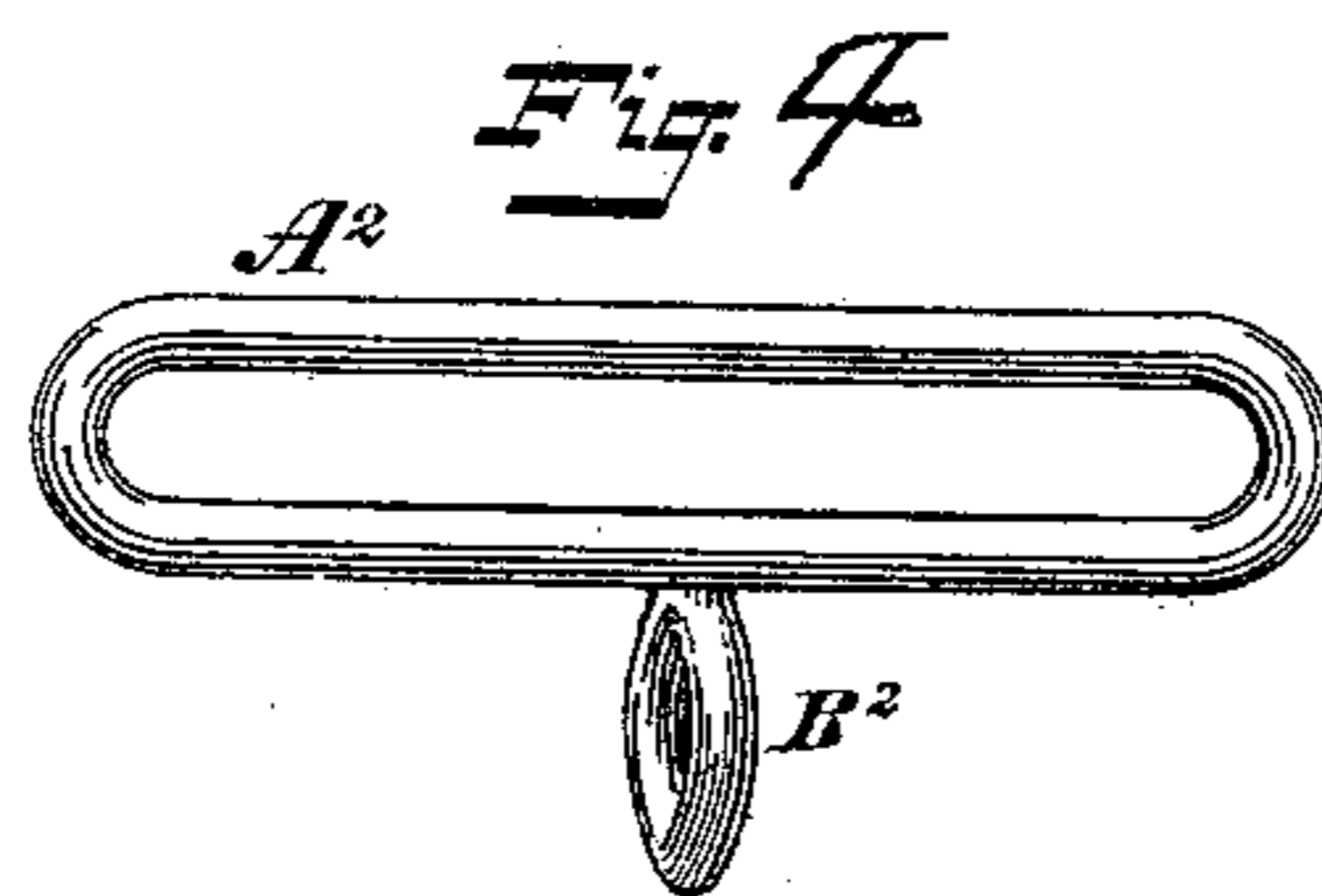
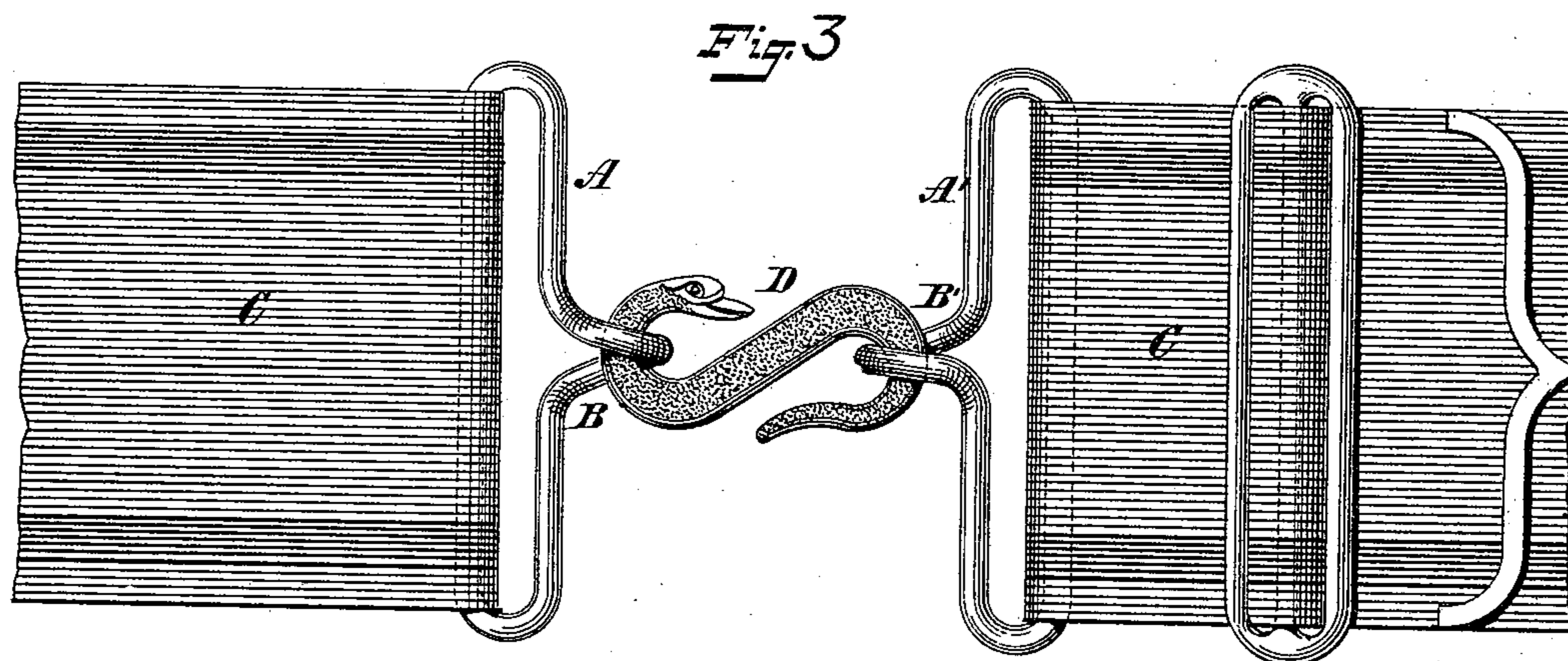
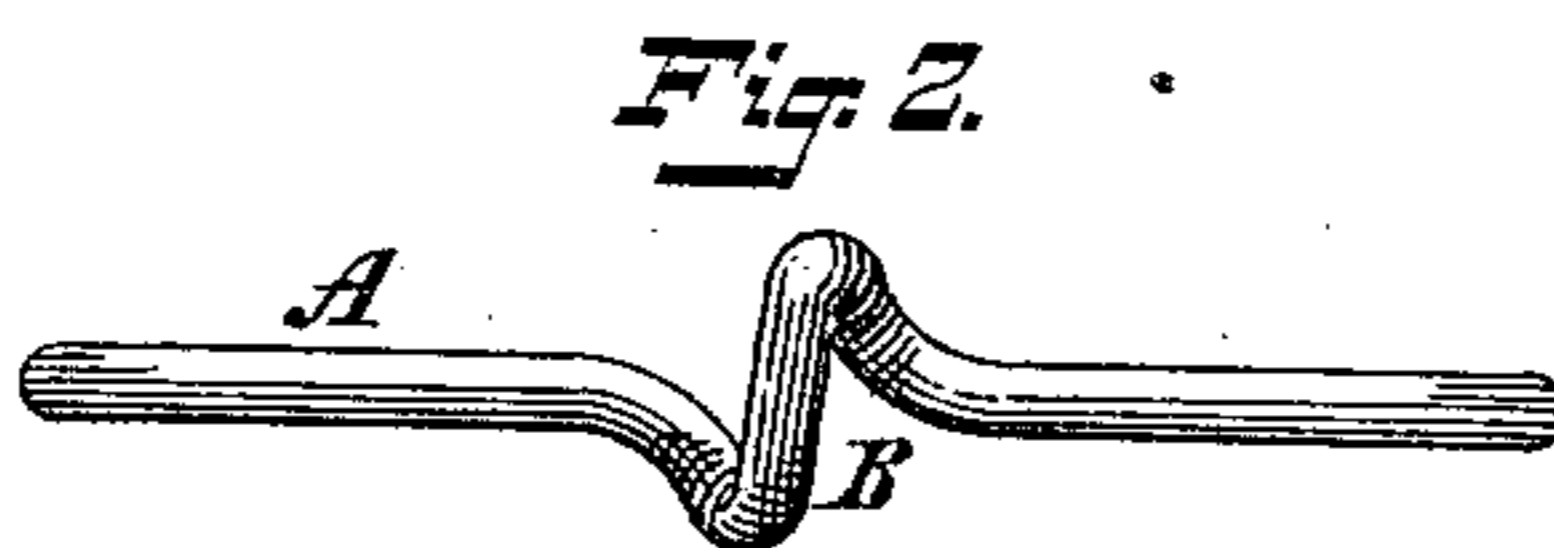
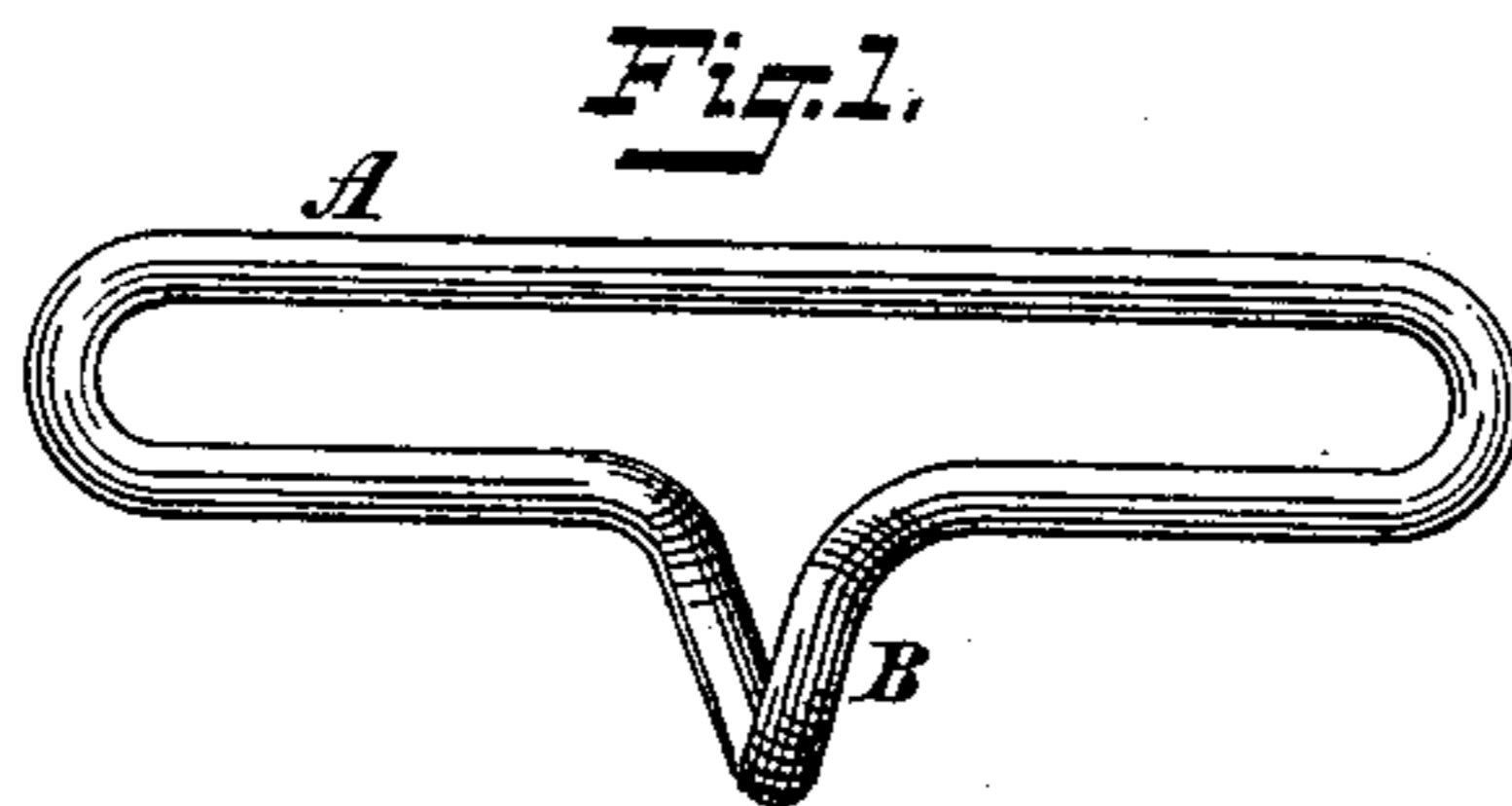


(No Model.)

F. J. HERRICK.  
WAIST BELT LOOP.

No. 405,886.

Patented June 25, 1889.



WITNESSES:

*Gustave Dieterich.*  
*William Goebel.*

INVENTOR

*Frank J. Herrick*  
BY *Charles H. Smith*  
his  
ATTORNEY

# UNITED STATES PATENT OFFICE.

FRANK J. HERRICK, OF NEW BRITAIN, CONNECTICUT.

## WAIST-BELT LOOP.

SPECIFICATION forming part of Letters Patent No. 405,886, dated June 25, 1889.

Application filed December 20, 1888. Serial No. 294,195. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK J. HERRICK, of New Britain, Hartford county, in the State of Connecticut, have invented a new and useful  
5 article of manufacture in a new Waist-Belt Loop and Eye Combined; and I hereby declare that the following is a specification thereof, reference being had to the accompanying drawings.

10 The invention relates to the belts worn around the person, and to such as have a metallic loop or loops to which the belt is attached by one end, while the other end is adjustable to the waist.

15 In the annexed drawings, Figure 1 is a face view of the article. Fig. 2 is an edge view. Fig. 3 illustrates the article in connection with a belt. Fig. 4 shows the old form, the better to distinguish it from the  
20 new.

Referring to the drawings, A is the waist-belt loop. It is a single piece of casting, and, as shown in Fig. 3, comprises two bars, which are the sides of the loop. An eye B is set  
25 about the middle on one side or bar thereof.

C is the belt, one end of which is made fast to a loop of this kind and is passed through a like loop A', also furnished with a side eye B', and these eyes receive the two ends of a  
30 suitable clasp D, here consisting of an S-shaped hook, by which the belt is secured around the waist of the wearer.

It is desirable to have the eyes B B' to stand transversely to the bars or sides of the  
35 loop, and to attain this it is the practice to make the eye, as B<sup>2</sup>, of wire and separately from the loop A<sup>2</sup>, and then the two (eye and loop) are brazed together—an expensive and tedious process. Attempts have been made  
40 to cast such an eye on the loop by using a core to form the eye, but that increases the

labor of molding, and, besides, occasions great loss (about 90 per cent.) by shrinkage of the eye at its junction with the loop. My improvement avoids all this by providing a  
45 plan and a form whereby the whole can readily be cast in one piece at once without coring and without loss. The said improvement consists in arranging the loop in a spiral direction with respect to the bars or  
50 sides of the loop, as indicated in Figs. 1, 2, and 3. The mode of arriving at this arrangement and disposition of the eye might be described as the same as if the eye were cut open and the ends then bent obliquely in  
55 opposite directions, as A, Fig. 3, and each side or end of the eye joined to the side or bar of the loop at two separate points thereon. This manner of disposing the eye greatly  
60 strengthens the article and affords the necessary facility for making the loop and eye in one piece or casting and at one operation, since in the process of molding the oblique or spiral direction of the eye allows the part-  
65 ing of the mold without any difficulty, and no coring is needed in forming the eye upon the loop.

I claim as my invention—

As an improved article of manufacture, a waist-belt loop comprising an elongated oval  
70 loop with the eye B formed on a side bar thereof and disposed spirally with relation thereto, leaving a substantially U-shaped opening in the portion of the eye which intersects the elongated opening of the loop, all  
75 the parts of the device being of comparatively uniform size throughout.

FRANK J. HERRICK.

Witnesses:

J. D. HUMPHREY,  
HARRY R. GRIDLEY.