

S. S. Hartshorn.

Buckle.

N^o 29,270.

Patented Jul. 24, 1860.

Fig. 1.

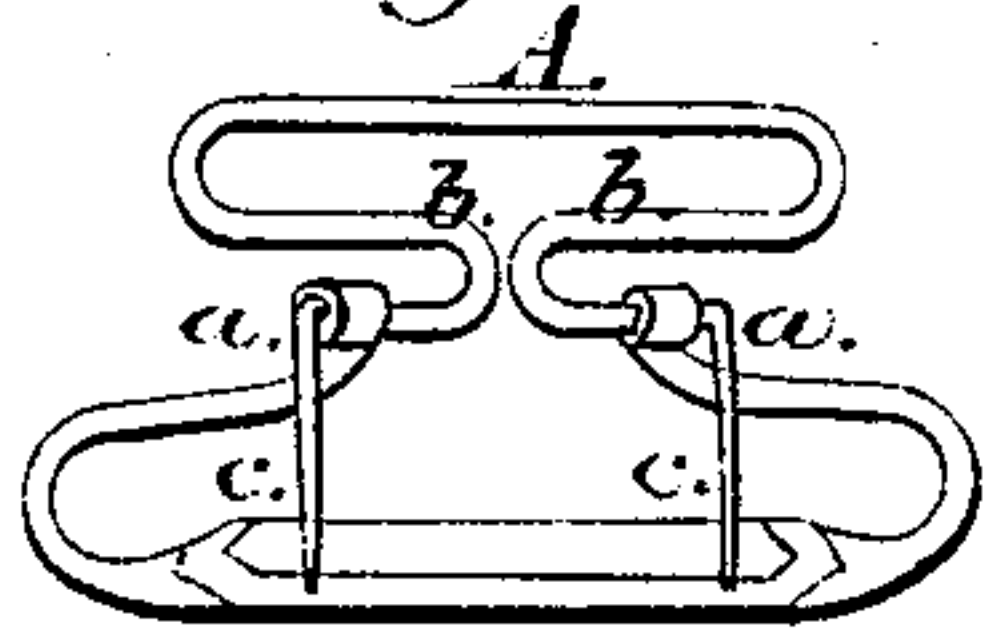


Fig. 2.

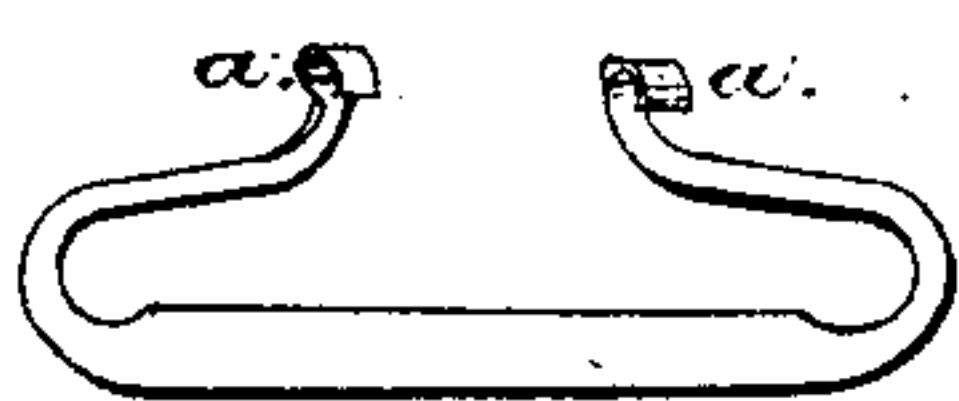
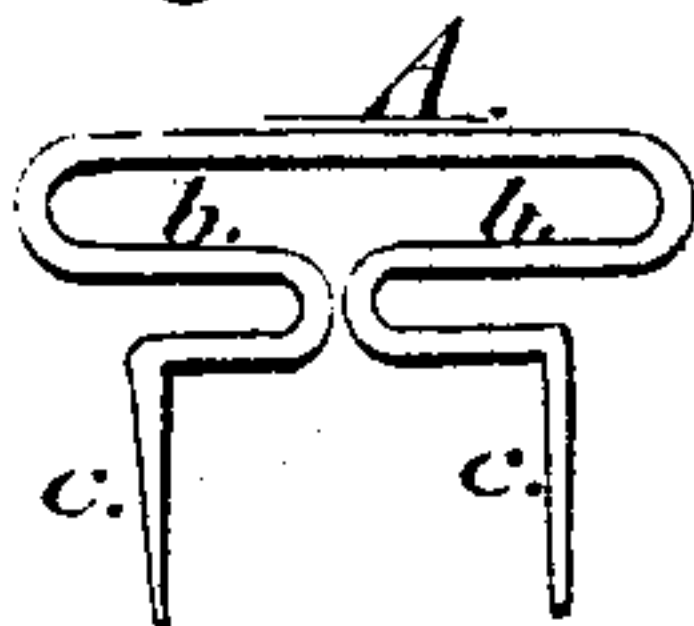


Fig. 3.



Witnesses:

L. H. Lyon
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Inventor:

Sheldon S. Hartshorn

UNITED STATES PATENT OFFICE.

SHELDON S. HARTSHORN, OF NEW HAVEN, CONNECTICUT.

BUCKLE.

Specification forming part of Letters Patent No. 29,270, dated July 24, 1860; Reissued March 1, 1870, No. 3,868.

To all whom it may concern:

Be it known that I, SHELDON S. HARTSHORN, of the city and county of New Haven, in the State of Connecticut, have invented a new and useful Improvement in Buckles as a New Article of Manufacture; and I do hereby declare that the following is a full, clear, and exact description of the construction, character, and operation of the same, reference being had to the accompanying drawings, which make part of this specification, in which—

Figure 1, is a perspective view of the buckle, complete, ready for use. Fig. 2, is a perspective view of the bow-part of the buckle ready to receive the tongue part. Fig. 3, is a perspective view of the tongue part of the buckle.

My improvement consists in making the buckle of two pieces of wire, of any suitable kind of metal, by swaging them into the shape substantially as represented in Figs. 2 and 3, and then putting them together, as represented in Fig. 1, so that the tongues will rest across the shanks of the bow part.

I make the bow part of the buckle of brass wire, or any other suitable metal, and, with proper dies, swage it into the shape, substantially, as represented in Fig. 2, leaving the loops open, as shown at *a, a*, Fig. 2, in a situation to receive the tongue part, Fig. 3.

I make the tongue part of brass wire, or any other suitable material, and, with proper dies, swage it into the shape, substantially,

as represented in Fig. 3—that is, forming the loop, *A*, for the standing part of the strap almost complete but having each part return nearly on itself, as at *b*, and *b*, Figs. 1 and 3, a sufficient distance to pass through the loops, *a*, and *a*, Figs. 1, and 2, and the tongues, *c*, and *c*, bent at right angles to the general form of the buckle, as represented in Figs. 1, and 3. I then place the tongue part, near *b*, and *b*, Fig. 3, within the loops, *a*, and *a*, Fig. 2, and, with proper dies, close down the loops, when the buckle will be as represented in Fig. 1.

The advantages of my improvement consists in that—by having the tongues rest upon, and be supported by, the shanks of the bow part it renders the buckle stronger. And, in that—by the form into which the tongue part is shaped there is afforded a degree of elasticity in the parts which will, very essentially, relieve the strap, or webbing, from the pull force, or strain.

What I claim as my invention, as a new article of manufacture, and desire to secure by Letters Patent, is—

The combination of the tongue part with the bow part, when the whole is constructed, and fitted for use, substantially as herein described.

SHELDON S. HARTSHORN.

Witnesses:

L. H. LYON,
R. FITZGERALD.