

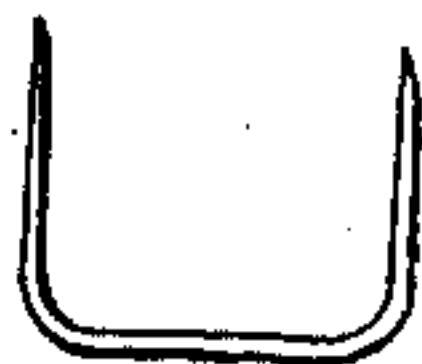
H.C. Griggs

Buckle.

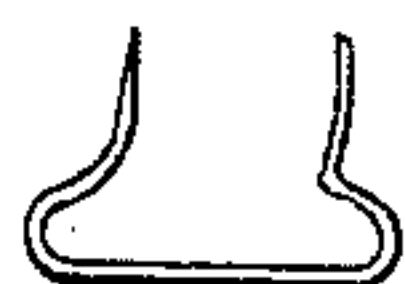
N^o 57,632.

Patented Aug. 28, 1866.

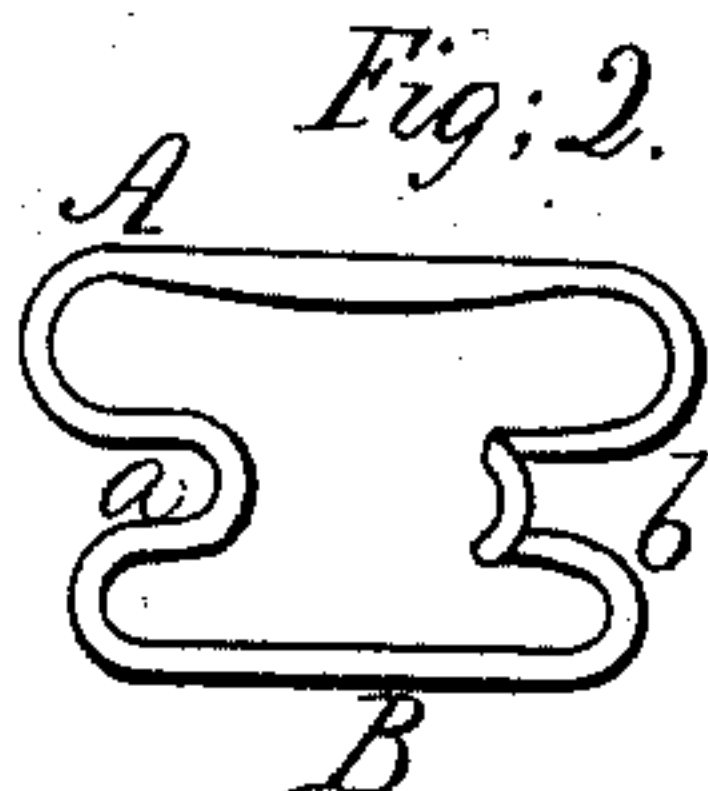
Fig; 3.



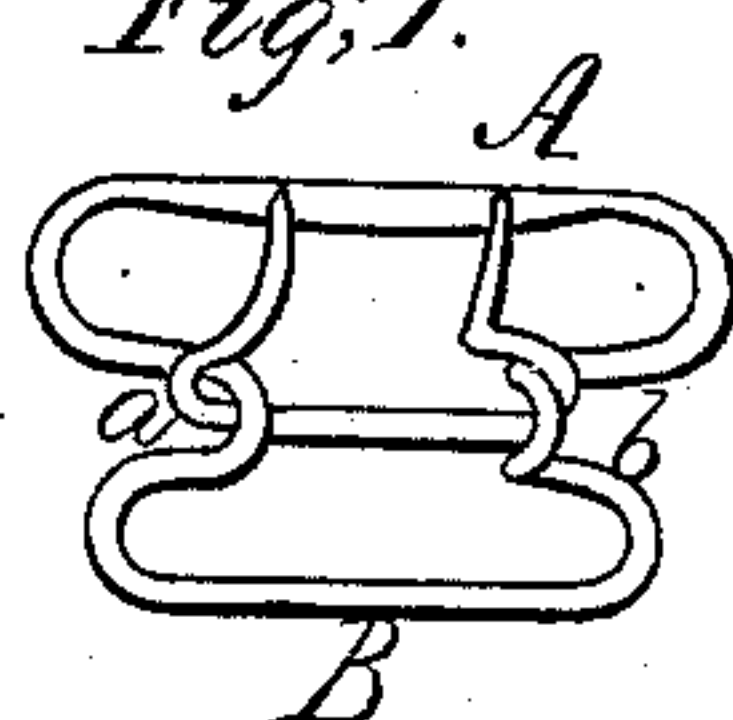
Fig; 4.



Fig; 2.



Fig; 1.



Witnesses.

S. S. Hart
R. Fitzgerald,

Inventor.

H. C. Griggs

UNITED STATES PATENT OFFICE.

HENRY C. GRIGGS, OF WATERBURY, CONNECTICUT, ASSIGNOR TO SMITH
& GRIGGS, OF SAME PLACE.

IMPROVEMENT IN BUCKLES.

Specification forming part of Letters Patent No. 57,632, dated August 28, 1866.

To all whom it may concern:

Be it known that I, HENRY C. GRIGGS, of the city of Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Buckles; 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. Fig. 2 is a perspective view of the frame of the buckle without the tongues; Fig. 3, a perspective view of the tongues as ready to be attached to the frame. Fig. 4 is a perspective view of the tongues as when set in the frame, but detached.

My improvement consists in making the frame of the buckle, of one piece of wire or sheet metal, in such a form that it will make both a complete bow and loop, and the two tongues of one piece of wire, and then secure the tongues to the frame by simply bending or setting the wire of the tongues to its position, so that it will retain its place without any other fastening.

I make the frame containing both the bow A and loop B of one piece of wire by swaging or bending it to the form or shape substantially as shown in Figs. 1 and 2, so that it will receive the tongue part in the bends at *a* and *b*, Figs. 1 and 2, so as to allow the buckle to lie entirely flat on its reverse side; or, I cut it from a piece of sheet metal and raise or swage it to substantially the same shape as before described, so that it will receive the tongue part in the same manner.

I make the tongue part of one piece of wire, substantially in the form shown in Fig. 3, and, having passed it into the frame through the bends *a* and *b*, I set it to the shape shown in Fig. 4, when the whole will appear as shown in Fig. 1, and the buckle will be complete.

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

The combination of the frame part with the tongue part, when they are constructed, connected, and fitted to operate substantially as herein described and set forth.

HENRY C. GRIGGS.

Witnesses:

S. S. HARTZHORN,
R. FITZGERALD.