

Geo. Havell's Buckle

117882

PATENTED AUG 8 1871

Fig. 1.

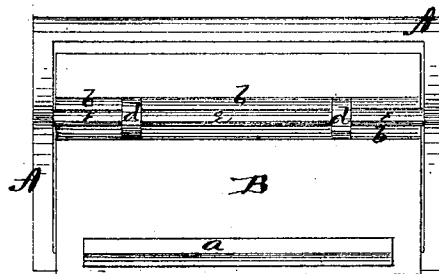
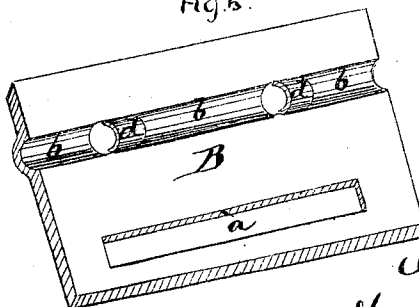


Fig. 2.



Fig. 3.



Witnesses.

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Inventor.

Geo. Havell
per
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UNITED STATES PATENT OFFICE.

GEORGE HAVELL, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN BUCKLES.

Specification forming part of Letters Patent No. 117,882, dated August 8, 1871.

To all whom it may concern:

Be it known that I, GEORGE HAVELL, of Newark, in the county of Essex and in the State of New Jersey, have invented certain new and useful Improvements in Buckles; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of the center or tongue of a buckle and the mode of fastening it to the frame.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a plan view of the entire buckle. Fig. 2 is a transverse vertical section of the same, and Fig. 3 is a perspective view of the center or tongue.

A represents the buckle-frame, and B the center or tongue. This tongue B is made of one piece of metal, stamped out, as shown, with an

elongated slot, *a*, near and along one edge; and across the tongue, near the center, it is stamped so as to form alternate semi-tubular depressions and projections *b* and *d*, as shown in Fig. 3. Or, in other words, the tongue is stamped so as to form a straight line of alternate convex and concave surfaces, open at the ends for the passage of a rod, *e*, said rod passing through the sides of the frame A, thus hinging the tongue or center to the frame.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The center or tongue B, stamped or otherwise formed of one piece of metal, with a slot, *a*, and alternate semi-tubular depressions and projections *b* *d*, with the rod *e* and frame A, all arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 26th day of May, 1871.

GEORGE HAVELL.

Witnesses:

C. L. EVERT,
JOHN NESTLE KERR.