

J. M. BORCHARDT.

Buckles.

No. 142,076.

Patented August 26, 1873.

Fig: 1.

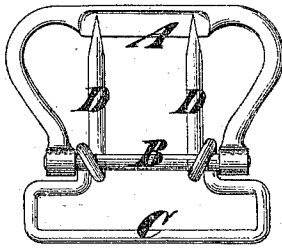


Fig: 2.

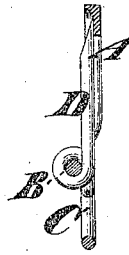


Fig: 3.

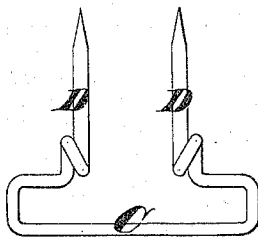


Fig: 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

JULIUS M. BORCHARDT, OF NEW YORK, N. Y., ASSIGNOR TO MOSES AMBERG, OF SAME PLACE.

IMPROVEMENT IN BUCKLES.

Specification forming part of Letters Patent No. **142,076**, dated August 26, 1873; application filed March 10, 1873.

To all whom it may concern:

Be it known that I, JULIUS MAX BORCHARDT, of the city, county, and State of New York, have invented an Improved Buckle, applicable to suspenders and other purposes, of which the following is a specification:

My invention relates to the construction of a buckle having a suitably-curved bow with its ends secured to a straight bar or chord, which latter subserves the double purpose of preserving the relation of the ends of the bow to each other, and of constituting the axis upon which the tongues rock. The ends of the bow constitute collars upon the ends of the chord for centralizing and supporting the tongues, the tongues being the ends of the wire which forms the loop, and being wound around the chord so that the bights bear respectively against the inner surface of the collars aforesaid.

The drawings are as follows, viz: Figure 1 is a face view of a buckle embodying my invention; Fig. 2, a transverse sectional view of the same; Fig. 3, a face view of the loop and tongues detached; and Fig. 4, an end view of the same.

The bow of the buckle A is of any suitable shape, preferably that shown in the drawings, with its ends perforated or bent around so as to form sockets, which closely embrace the ends

of the chord or axis B. The ends of the chord are upset, so as to rigidly secure it to the bow. The loop C is a piece of wire bent into any suitable shape, but having its two ends finally brought into a parallel position at such distance from each other that, when placed against the axis B, they will come just within the sockets or ends of the bow. Both ends of the loop-wire are pointed, and they constitute the tongues D D of the buckle. The tongues are wound spirally, in opposite directions, once around the chord, and their lengths are graduated so that they reach up to and bear upon the exterior of the bow.

It will be seen that the sockets or ends of the bow A not only grasp the chord B, but serve as lateral guides or collars, which prevent the tongues from sliding upon their axes.

I claim as my invention—

1. The bow A, rigidly secured to the chord B, forming with it collars or bearings, as and for the purpose described.

2. The combination of the bow A and the chord B with the loop and tongue wire C D D, substantially as described, and for the purpose set forth.

JULIUS MAX BORCHARDT.

Witnesses:

MICHAEL RYAN,
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