

(No Model.)

J. B. HIGGINS.

BUCKLE.

No. 303,515.

Patented Aug. 12, 1884.

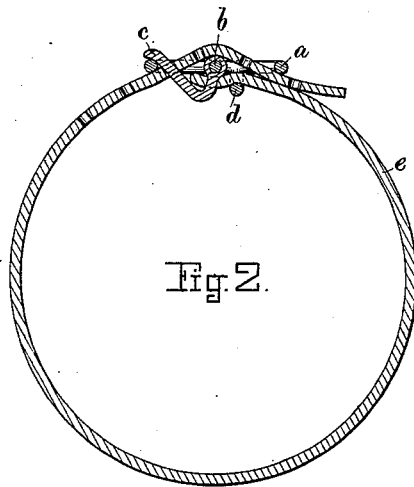


Fig. 2.

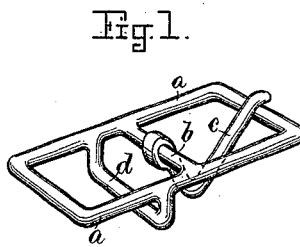


Fig. 1.

Witnesses

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Inventor

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his atty.

UNITED STATES PATENT OFFICE.

JOHN B. HIGGINS, OF BOSTON, MASSACHUSETTS.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 303,515, dated August 12, 1884.

Application filed November 12, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. HIGGINS, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Buckles; and I do hereby declare that the same are fully described in the following specification and illustrated in the accompanying drawings.

My invention relates to certain new and useful improvements in buckles; and it consists in an ordinary buckle-frame formed with a tongue-bar at or near the center of the frame, and a loop extended below the top of the buckle-frame between the tongue-bar and the rear cross-bar of the buckle-frame, said tongue-bar being in the same plane as the side bars of the buckle-frame, and provided with a tongue having an abrupt bend, so as to oppose a movement of the strap forward or backward, as will be hereinafter described and shown.

On the accompanying drawings, Figure 1 represents a perspective view of my improved buckle, and Fig. 2 represents a central longitudinal section of the buckle and the strap secured to it.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

a a represent a buckle-frame in the ordinary manner, provided with the brace *b*, to which is hinged one or more bent tongues, *c*. To the under side of the frame *a a* is secured or made in one piece therewith the guide-brace *d*, through which the strap *e* is guided after it has been put over the bent tongue *c*, for which purpose a hole is made through the end of the strap, through which the bent tongue is inserted. The advantage of making the tongue *c* bent or curved downward in a manner as shown in the drawings is to be able to keep the end of the strap that is attached to the tongue *c* below the buckle, so as to produce a graceful and smooth position of the free end of the strap when locked to the tongue *c* and placed under the rear of the frame, as shown in Fig. 2, and to oppose any movement of the strap

forward or backward. By the employment of the bent tongue *c* and the guide-brace *d* a strap can be secured very firmly to the buckle without the need of stitching or riveting.

Slight variations of the above can be made without departing from the gist of my invention.

I am aware of Letters Patent No. 188,531; but my invention differs therefrom in the arrangement of the pendent guide-brace in rear of the tongue-brace and at a point on the side bars of the buckle intermediate the tongue-brace and the rear cross-bar of the buckle-frame, and, further, in the peculiar construction of the buckle-tongue, so that the latter extends downward from the tongue-brace approximately at right angles thereto, and thence bends abruptly upward to bear on the front cross-bar of the buckle-frame, so that in passing through the strap such downward extension will oppose any movement of the strap forward or backward, which is important, the abrupt bend being as near the tongue-brace as practicable, in order that a large space intervenes between the point of the tongue and the bend, so that the hole in the strap need not be at the extreme end.

Having thus fully described the nature, construction, and operation of my invention, I wish to secure by Letters Patent and claim—

As an improved article of manufacture, a buckle composed of the buckle-frame formed with a tongue-bar, *b*, and the loop *d*, extended below the top of the buckle-frame between said tongue-bar and the rear cross-bar of the buckle-frame, said tongue-bar being in the same plane as the side bars of the buckle, and provided with the tongue *c*, formed, substantially as shown, with the abrupt bend, so as to oppose a movement of the strap forward or backward, substantially as set forth.

In testimony whereof I have affixed my signature in presence of two witnesses.

JOHN B. HIGGINS.

Witnesses:

ALBAN ANDRÉN,
HENRY CHADBURN.