

J. HUDSON.

Buckle.

No. 160,912.

Patented March 16, 1875.

Fig. 1.

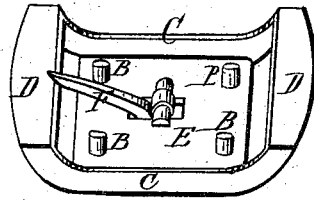


Fig. 2.

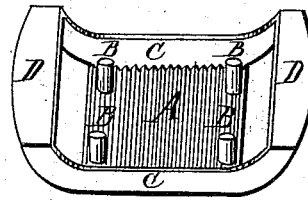


Fig. 3.

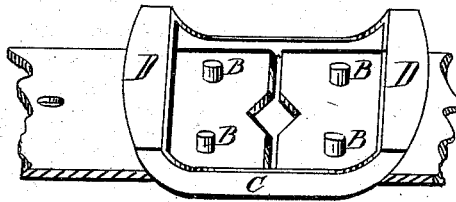


Fig. 4.

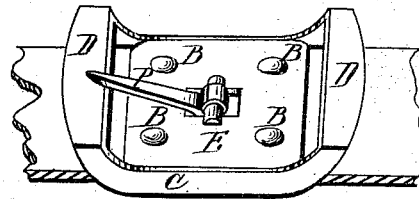


Fig. 5.

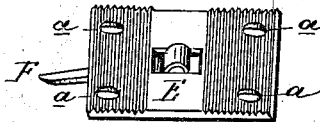
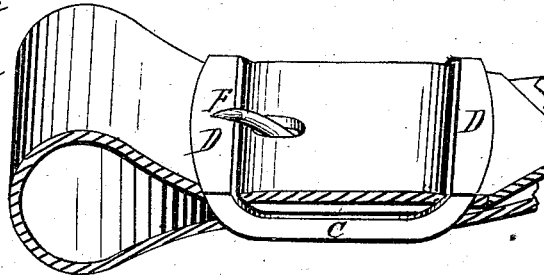


Fig. 6.



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UNITED STATES PATENT OFFICE.

JOHN HUDSON, OF DETROIT, MICHIGAN.

IMPROVEMENT IN BUCKLES.

Specification forming part of Letters Patent No. **160,912**, dated March 16, 1875; application filed October 21, 1874.

To all whom it may concern:

Be it known that I, JOHN HUDSON, of the city of Detroit, in the county of Wayne and State of Michigan, have invented an Improvement in Junction or Joint Buckle, of which the following is a specification:

The nature of this invention relates to a new and improved construction of a device for the double purpose of securing two abutting ends of a leather or other strap together, while at the same time it fully performs the function of a billed buckle; and it has for its object to save sewing the two abutting ends of the straps together, thereby saving at least three inches of leather in the ordinary overlap, and obviating the danger of ripping, and preventing the chafing of the strap across the center bar or buckle, and the unnecessary weakening of the leather at that part by cutting a hole through it to receive the tongue of the buckle.

Figure 1 is a perspective view of my improved buckle. Fig. 2 is a plan view of the same with the compression-plate removed. Fig. 3 is a like view with two abutting ends of a strap inserted. Fig. 4 is a like view with the compression-plate in place. Fig. 5 is a plan view of the lower side of the compression-plate. Fig. 6 is a perspective view of the buckle in use.

Like letters refer to like parts in each figure.

In the drawings, A represents the base of my buckle, which is corrugated, as shown, on its upper or inner face, and from this face there project studs B, as many as desired, although for all ordinary purposes four are all that will be required. C are the sides, and D are the loops, the whole of the parts A, B, C, and D being preferably cast in one piece. E

is a compression-plate, corrugated or roughened, as shown, and provided with holes *a* designed to be coincident, when this plate is in place, with the studs B. The two ends of the strap which it is desired to connect are punched with like holes, and each end passed under the loops until the ends meet, or nearly so, and the holes therein slipped onto the studs, when the compression-plate is put in place, the studs riveted down, when the pressure of the corrugations will hold the straps rigidly together. About the center of the compression-plate a tongue, F, is pivoted or hinged, in the usual manner, so that the free end of the strap may be returned under one of the loops, and secured by the tongue.

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

1. The combination of the plate A, having the studs B, with the compression-plate E, having the holes *a* and tongue F, as shown.

2. The combination of the plate A, having the studs B, with the compression-plate E, having the holes *a* and tongue F, both of said plates being corrugated, as shown, for the purpose of holding the straps rigidly in place, as set forth.

3. The combination of the plate A, having the studs B, sides C, and loops D, of the compression-plate E, having the holes *a* and tongue F, all as and for the purpose set forth.

In testimony that I claim the above as my invention I have hereunto set my hand this 28th day of July, 1874.

JOHN HUDSON.

Witnesses:

C. E. HUESTIS,
H. S. SPRAGUE.