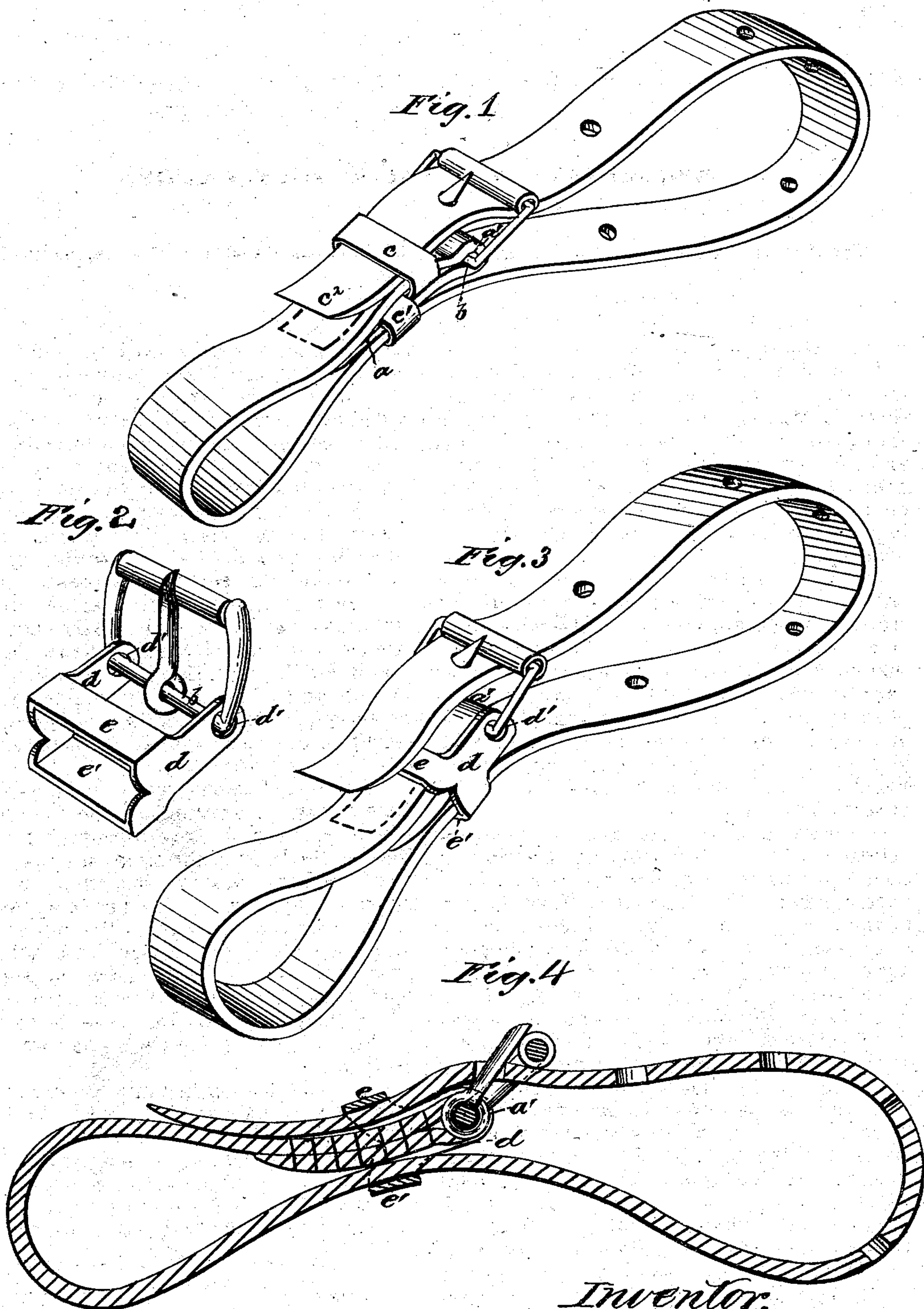


H. A. POTT.
Metallic Buckle-Loops.

No. 154,341.

Patented Aug. 25, 1874.



Witnesses:
James Martin, Jr.
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UNITED STATES PATENT OFFICE.

HENRY A. POTT, OF CAPE GIRARDEAU, ASSIGNOR TO HENRY A. POTT AND COTTON H. ALLEN, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN METALLIC BUCKLE-LOOPS.

Specification forming part of Letters Patent No. 154,341, dated August 25, 1874; application filed April 9, 1874.

To all whom it may concern:

Be it known that I, HENRY A. POTT, of Cape Girardeau, county of Cape Girardeau, State of Missouri, have invented a new and Improved Metallic Loop for Harness-Straps; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings making part of this specification, in which—

Figure 1 is a perspective view of a common and well-known leather harness-strap with the ordinary buckle attached. Fig. 2 is a like view of my improved loop with a buckle applied thereto, and ready for attachment to a leather harness-strap. Fig. 3 shows my invention applied to an ordinary harness-strap, but with one end of the strap not inserted under the loop-plate *e*; and Fig. 4 is a sectional view of Fig. 3, with the outer end of the strap inserted beneath the loop-plate *e*.

In harness-straps, as heretofore constructed of leather, one end of the strap is passed around the tongue-bar of the buckle, the tongue of the buckle piercing the strap, after which the lap of the strap, as at *a*, Fig. 1, is sewed to the body of the strap. Under this mode of applying the buckle the tongue-bar *b* of the buckle is inclosed by the band or doubling of the strap, as at *a'*, so that the constant movement or articulation of the buckle and its strain upon the strap falls upon and speedily wears out the leather at the bend *a'* of the strap. Besides this, as heretofore constructed, leather loops, as at *c c'*, have been made of separate pieces of leather and sewed to the body of the strap between the lap *a*, for the purpose of holding in proper position a main portion of the strap, as well as its terminating extremity *c'*. These loops *c c'* in the manufacture of the strap are difficult to apply, and often "give out" or tear away, and so derange the strap, and more or less unfit it for its proper use.

By my invention these difficulties are obvi-

ated, and to this end I construct a double metallic loop in the form or with the configuration, as shown in Fig. 2, of which *d d* may be called standards, while *e e* are cross loop-plates connected with and at opposite sides of the lower portion of the standards, as shown.

In constructing my loop the space between the standards *d d* and the loop-plates *e e* will be governed by the width of the leather strap to which it is to be applied, as also the aggregate thickness of the leather to be passed through it when it is applied upon a leather strap, as represented in Fig. 4. The upper ends of the standards *d d* are pierced, as shown clearly in Fig. 2, for the reception and retention of the tongue-bar *b* of an ordinary buckle; and my invention, as represented in said figure, is the condition in which I intend to put the same on sale to the trade.

I thus furnish a loop ready made, which dispenses with the making of the two leather loops *c c'*, saves the time consumed in sewing them to the body of the strap, and also economizes leather. Besides this, when my metallic loop is applied to a leather strap, as indicated in Figs. 3 and 4, the articulations of the tongue-bar *b* of the buckle, with attendant strain and wear, will, in a great measure, fall upon the upper ends *d' d'* of the standards *d d*, and thus, in a great measure, preserve the leather of the strap from wearing away at the point *a'*.

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

A shield for harness-straps, having cross-bars *e e'* and side bars *d*, in combination with a buckle hinged in the forward end of the bars *d*, as shown, for the purpose described.

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Witnesses:

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