

(No Model.)

M. E. ZELLER.

BUCKLE.

No. 343,097.

Patented June 1, 1886.

Fig 1

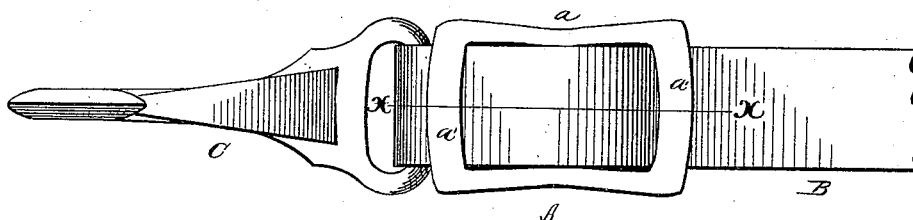


Fig. 2.

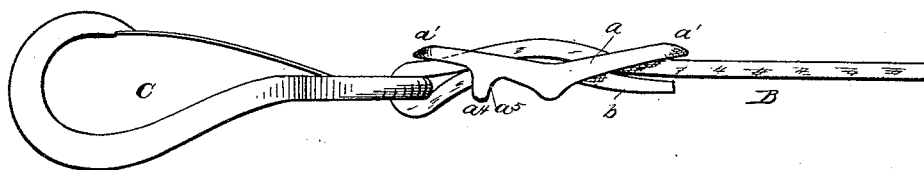


Fig. 3.

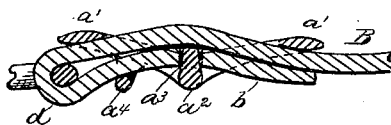
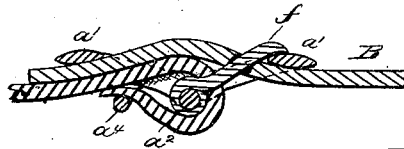


Fig. 4.



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UNITED STATES PATENT OFFICE.

MELANCTHON E. ZELLER, OF BLUFFTON, OHIO.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 343,097, dated June 1, 1886.

Application filed February 3, 1886. Serial No. 190,689. (No model.)

To all whom it may concern:

Be it known that I, MELANCTHON E. ZELLER, a citizen of the United States, residing at Bluffton, in the county of Allen and State of Ohio, have invented certain new and useful Improvements in Rein-Buckles, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in buckles; and the novelty consists in the construction, arrangement, and combination of the several parts for service, substantially as hereinafter described, and specifically pointed out in the claim.

In the drawings, Figure 1 represents a plan view of a buckle embodying my improvement, showing one way in which it is designed for use. Fig. 2 is an edge view thereof. Fig. 3 is a longitudinal sectional view taken on the line *xx* of Fig. 1; and Fig. 4 represents a similar sectional view through a buckle, showing a modified form of my invention.

Referring to the drawings, in which similar letters of reference denote similar parts, A designates the buckle, consisting of side bars, *a*, connected together by end bars, *a'*, having an oval upper surface and outwardly-rounded-edge middle transverse bar, *a²*, having an upwardly-projecting stud, *a³*, at its middle, to engage on end *b* of a leather strap, B.

a⁴ designates a bar extending transversely of the buckle at a point intermediate of the middle bar, *a²*, and one of the end bars *a'*, and connected by upwardly-projecting portions *a⁵* to the side bars, *a*, as shown. The side bars *a*, extend from their outer ends downwardly and inwardly toward the middle bar to accommodate the strap B. (See Figs. 1 and 2.) The strap B is inserted below one

of the end bars *a'*, thence passes over the middle bar, *a²*, thence under the opposite end bar, and through the eye of the hook or ring (in the present instance a snap-hook, C) desired to be secured in position, thence backward over the bar *a⁴* and bar *a²*, and secured by an aperture formed through the strap to the stud *a³*. Strains upon the strap serve to more closely draw the loop *d* of said strap, which holds the eye of the hook or ring into the space between the end bar, *a'*, and transverse bar *a⁴*, as will be understood.

In Fig. 4 I have shown a modified form of invention, in which a tongue, *f*, is used in lieu of the stud *a³*, the buckle otherwise being the same in construction as hereinbefore described.

Modification in detail of construction may be made in the herein-described buckle without departing from the spirit or sacrificing the advantages thereof.

I claim—

A buckle consisting of side and end bars, *a* and *a'*, a middle bar, *a²*, having a rigid stud which projects toward and at right angles to a right line drawn through the bars *a'*, a transverse bar, *a⁴*, the bars *a²* and *a⁴* being on different planes to each other, as well as to the end bars, in combination with a strap folded upon itself and passed through the frame of the buckle in a tortuous course between the bars *a'* and *a²*, as and for the purpose set forth.

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

MELANCTHON E. ZELLER.

Witnesses:

MAUD MURRAY,
ELVIRA E. MURRAY.