

H. FAUTZ.

Improvement in Buckles.

No. 130,032.

Patented July 30, 1872.

Fig. 1.

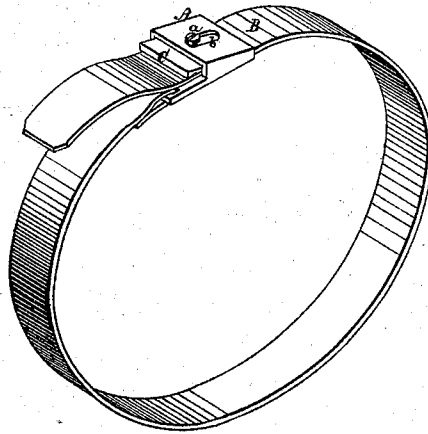
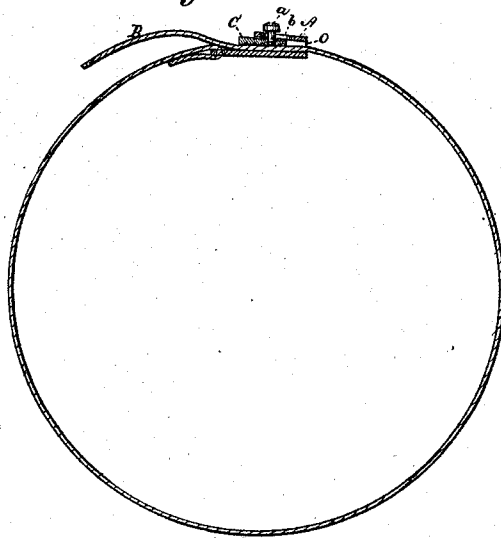


Fig. 2.



WITNESSES:

Herm. Saxton.
Wm. Anderson

INVENTOR:

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UNITED STATES PATENT OFFICE.

HERMANN FAUTZ, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN BUCKLES.

Specification forming part of Letters Patent No. 130,032, dated July 30, 1872.

To all whom it may concern:

Be it known that I, HERMANN FAUTZ, of Newark, New Jersey, have invented certain new and useful Improvements in Buckles; and I do declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon and forming part of this specification.

Figure 1 is an isometrical projection of the buckle, in which A is the buckle-case or bed-plate; C, the serrated wedge; *a*, the screw or lip attached to or forming part of the block C. *b* is the slot. Fig. 2 is a section through the buckle and strap B.

My invention consists in having a tapering box, A, for the reception of the strap B, in which said strap is firmly held at any required point by means hereinafter described. Within said box A is an adjustable wedge-shaped plate or block, C, which is held up against the upper inner surface of said box A by means of a screw or stud, *a*, which slides back and forth through a slot, *b*, in the top of the box A in conjunction with said plate C. The function of said wedge-shaped block or plate C is to hold at a given point the strap or other article designed to be held by means of the buckle, and it should not be made so thick as to fill entirely the box A, regard being had to the thickness of the material of which the strap may be composed.

When the end of the strap is inserted into

the mouth of the buckle, at *o*, the plate C should be moved backward by means of the stud *a*, so that the strap will pass freely and nicely beneath it, and when drawn through to the desired point the plate C should be released, when, on pulling outward upon the strap B, said plate C is forced forward and downward upon the strap, wedging and holding it firmly between the plate C and the bottom plate of the buckle, the pin *a* always affording a ready and effective means of starting the wedge and releasing the strap in case of its becoming wedged tightly. The surface of the plate C which comes in contact with the strap should be creased or otherwise made rough to facilitate or increase its hold upon the strap.

By this mode of constructing a buckle the necessity of having holes punched in the strap is avoided.

The bottom plate of the buckle extends back of the box A far enough to admit of one end of the strap being secured to it.

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

The buckle, consisting of the tapering box A, the serrated wedge C with pin *a*, when said pin operates in slot *b* upon the inclined top of box A, as and for the purpose described.

HERMANN FAUTZ.

Witnesses:

CHAS. KREITLER,
OLIVER DRAKE.