(No Model.)

M. TUCH.

BUCKLE.

No. 470,625. Patented Mar. 8, 1892.

Fig. 1.

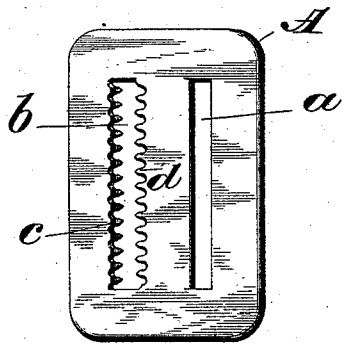


Fig. 2.

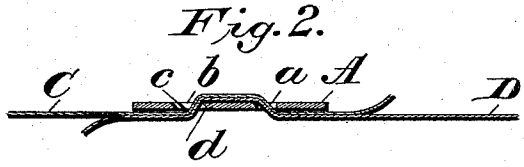


Fig. 3.

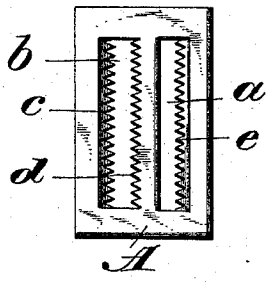
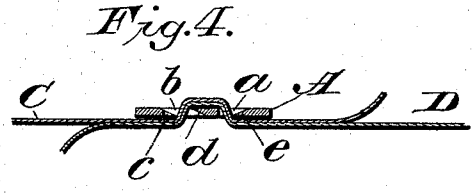


Fig. 4.



Witnesses
G. S. Elliott.
C. M. Johnson

Morris Tuch.
Inventor
by [illegible]
Attorney

UNITED STATES PATENT OFFICE.

MORRIS TUCH, OF ELMIRA, NEW YORK, ASSIGNOR TO SARAH G. TUCH, OF SAME PLACE.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 470,625, dated March 8, 1892.

Application filed July 9, 1891. Serial No. 398,936. (No model.)

To all whom it may concern:

Be it known that I, MORRIS TUCH, a citizen of the United States of America, residing at Elmira, in the county of Chemung and State of New York, have invented certain new and useful Improvements in Buckles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in buckles.

The object of the invention is to provide a tongueless buckle for connecting straps to each other, more particularly the straps used at the back of the waistband of trousers; and it consists in the construction and combination of the parts, as will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a plan view of a buckle constructed in accordance with my invention. Fig. 2 is a sectional view. Fig. 3 is a plan view of a modification, and Fig. 4 a sectional view of the same.

The body portion A of the buckle is made up of a single plate of metal of suitable thickness, and said plate is provided with a slot *a* and adjacent thereto with a slot *b*, the metal forming the sides of the slot *b* being serrated to present the teeth *c* and *d*, the points of which do not extend above the surface of the metal forming the buckle, but on a line therewith. The slot *a* may have a rounded edge on the side adjacent to the teeth *d*.

The modification shown in Figs. 3 and 4 is similar in construction to that shown in Figs. 1 and 2, with the exception that the outer edge of the slot *a* is formed with teeth *e*, which incline in an opposite direction from the teeth *c* in the slot *b*.

A buckle constructed as hereinbefore described does not need to be secured to the belt or band which it is desired to adjustably unite.

In the accompanying drawings, D designates one portion of a belt or one of the tabs of a pair of trousers, which is passed through the slot *a* over the central bar of the buckle and through the slot *b*, so that the under surface thereof will engage with the teeth *d*. The end C of the strap or other tab of the trousers is first passed through the slot or aperture *b*, and then through the slot *a*, as shown. It will be noticed that the straps or tabs of the trousers come in contact with the teeth and are securely held in position and may be adjusted by simply drawing upon the free ends.

In Figs. 3 and 4 of the drawings the strap C will have two points of contact, and this form is desirable where it is only necessary to adjust one end of the strap.

This buckle may be used for numerous purposes, can be cheaply manufactured, and is neat in appearance, and as the teeth do not project beyond the surface of the plate they are not liable to be injured.

I am aware that prior to my invention it has been proposed to provide a tongue-buckle with grasping portions which are bent in opposite directions and at opposite inclinations from the body portion of the buckle, as shown in the patent to Woodman, dated April 20, 1869, and I do not claim such construction as my invention; but

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

1. As an improved article of manufacture, a buckle made from a single plate of metal having longitudinal apertures *a* and *b*, one of the apertures having beveled and serrated edges presenting oppositely-inclined teeth the points of which lie in different planes, substantially as shown.

2. The improved buckle herein described, made up of a single plate of metal having longitudinal apertures, teeth formed on the plate so as to provide one of the apertures with serrated edges which are oppositely inclined and project toward each other in different planes, the other aperture having a rounded edge, substantially as shown, and for the purpose set forth.

3. In a buckle or clasp, the combination of the plate A, having a slot or aperture *a*, the

center bar adjacent thereto having a rounded edge, an aperture or slot *b*, the body portion of the buckle adjacent thereto being beveled and serrated to provide oppositely-inclined teeth which project toward each other in different planes, substantially as shown, and for the purpose set forth.

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

MORRIS TUCH.

Witnesses:
JNO. J. FLAHIVE,
JOHN A. GALATIAN.