(Model.)

I. L. LANDIS.

BUCKLE.

No. 245,729. Patented Aug. 16, 1881.

Fig. 1.

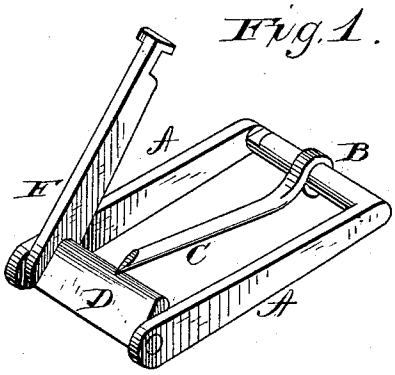


Fig. 2.

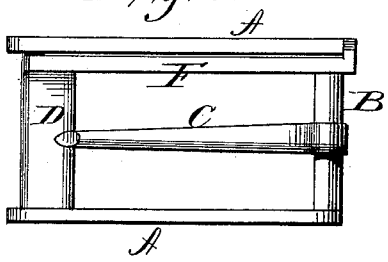
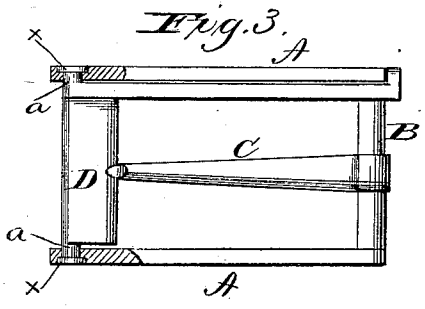


Fig. 3.



Witnesses:
F. L. Durand
H. Aubrey Faulmis.

Inventor:
I. L. Landis
By Alexander Mason
Atty.

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

ISRAEL L. LANDIS, OF LANCASTER, PENNSYLVANIA.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 245,729, dated August 16, 1881.

Application filed January 18, 1881. (Model.)

To all whom it may concern:

Be it known that I, ISRAEL L. LANDIS, of Lancaster, in the county of Lancaster, and in the State of Pennsylvania, have invented certain new and useful Improvements in Buckles; and I do hereby declare that the following is a full, clear, and exact description of the invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention is intended as an improvement upon the buckle for which Letters Patent No. 157,333 were granted to Anthony Iske December 1, 1874; and it consists in the construction of the buckle-frame and the pivoted bar, as will be hereinafter more fully described, and pointed out in the claim, whereby I am enabled to dispense with the stationary bar at the front end of the frame, and yet retain sufficient strength of the buckle-frame.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a perspective view of my improved buckle. Fig. 2 is a plan view of the same. Fig. 3 is a plan view, partly in section.

The frame of my buckle consists of two side bars, A A, (parallel or otherwise, as desired,) connected at their rear ends by a rod or bar, B, on which the tongue C is pivoted. At the front end of the frame is used a single bar, D, on which the end of the tongue rests. This bar is made broad or flat, as shown, and provided at the outer corners with end journals, *a a*, which are passed through openings *x x* in the side bars of the frame. These openings are enlarged in the outer sides of the side bars, A—or, in other words, countersunk—and the ends of the journals are then pressed up or riveted, so as to fill the enlargements or countersinks, and thus not only pivot and hold the bar in place, but also keep the side bars of the frame from spreading. At one end the bar D is also provided with a lever, F, which closes inside of the frame, and is notched to fit over the end of the front rod or bar, as shown. When the lever is closed the bar D is held in place for the end of the tongue to rest against; but by raising the lever the bar D will be turned on its journals at the outer or front edges, so as to raise the inner edge of said bar and allow the tongue to drop below the frame, and thus permit the strap to slide off easily.

It is evident that the lever F may equally as well be arranged on the outside of the buckle-frame, or in any other convenient manner; also, that other devices may be employed for holding and turning the front bar, D.

In the patent of Iske above referred to a stationary bar was used at the front end of the frame, which stationary bar had a central notch to allow the end of the tongue to drop through. On top of this notched stationary bar was then a pivoted bar, which, when let down, held the tongue in place.

By my invention I dispense with the stationary bar, as the construction and mode of attachment of the pivoted bar is such that the frame is fully as strong as when a stationary bar is used.

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

The buckle-frame A, provided at one end with a loose tongue, and at the other end with two openings, *x x*, which are countersunk or enlarged at their outer ends, a broad bar, D, to which is connected a lever, F, and which is provided with journals *a a*, having their outer ends pressed or riveted in the enlargements of the openings in the frame, as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 9th day of January, 1880.

ISRAEL L. LANDIS.

Witnesses:
H. AUBREY TOULMIN,
J. J. MCCARTHY.