

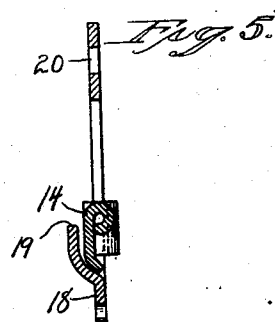
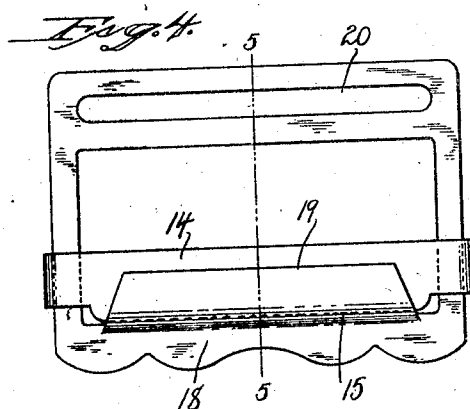
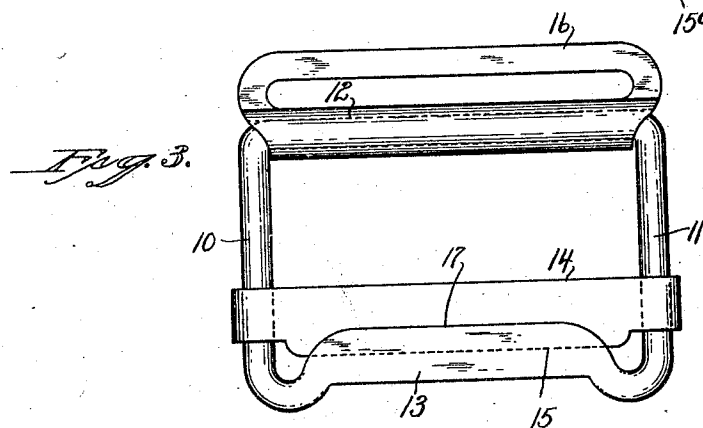
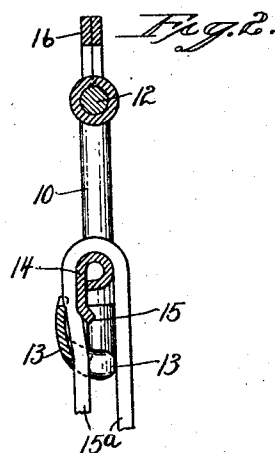
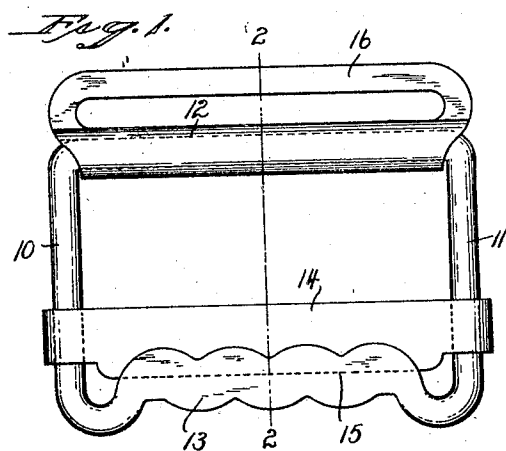
Dec. 21, 1926.

1,611,588

A. M. HYDE

BUCKLE

Filed June 8, 1926



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UNITED STATES PATENT OFFICE.

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BUCKLE.

Application filed June 8, 1926. Serial No. 114,391.

Fig. 1 is a face view of a buckle constructed in accordance with my invention;

Fig. 2 is a sectional view on the line 2—2 of Fig. 1, with a web shown in the gripped position;

Fig. 3 is a face view of a slide buckle formed from wire with a straight lower bar;

Fig. 4 is a front view of a buckle-frame embodying my invention and formed from sheet-metal; and

Fig. 5 is a sectional view on the line 5—5 of Fig. 4.

This invention relates to an improvement in buckles and particularly to buckles of the so-called "slide" type, that is, a buckle consisting of a rectangular frame with a transverse bar movable toward and from the upper and lower bars of the frame. The object of this invention is to so form the lower bar of the frame that the sliding bar may move downward in rear of it, whereby the web is more firmly gripped, and the invention consists in the construction as hereinafter described and particularly recited in the claim.

In carrying out my invention, I employ a rectangular frame comprising side-bars 10 and 11, top-bar 12, and lower bar 13. This frame is preferably formed from wire and in the form shown in Fig. 1 of the drawings the lower bar is first formed with a plurality of bends and then flattened and slightly set forward of the side-bars of the frame. The sliding bar 14 is formed at its lower edge with a lip 15 and deflected rearward, as clearly shown in Fig. 2 of the drawings. In use, a strip 15^a of webbing is passed over the cross-bar 14 and downward in

rear of the lower bar 13, so that when strain is brought upon the webbing, the cross-bar 40 will be drawn downward and grip the web between the lip 15 and the upper edge of the lower bar 13. The frame is preferably provided with a lip 16, by which the buckle is attached to a supporting strap.

In Fig. 3 of the drawings, I have shown a similar buckle, except that the lower bar is not twisted so as to provide a straight upper edge 17, the operation of the device being the same as above described, and 50 instead of forming the frame from wire, it may be formed from sheet-metal, as shown in Fig. 4 of the drawings, in which the lower bar 18 is formed with an upwardly-and-outwardly turned lip 19, and in this 55 case a slot 20 is formed at the top of the frame to form a suspending loop.

In all cases, the web is firmly gripped by being clamped between the depending lip on the cross-bar and the upper edge of the 60 lower bar of the frame.

I claim:

A slide buckle, comprising a frame made from wire and having top, side, and bottom bars, the bottom-bar formed with a plurality 65 of bends and flattened and forwardly-offset from the plane of the side-bars of the frame, and a cross-bar sliding on the side-bars of the frame and formed with a downwardly-extending lip adapted to extend in rear of the upper edge of the lip on the bottom-bar of the frame.

In testimony whereof, I have signed this specification.

ALPHONSO M. HYDE.