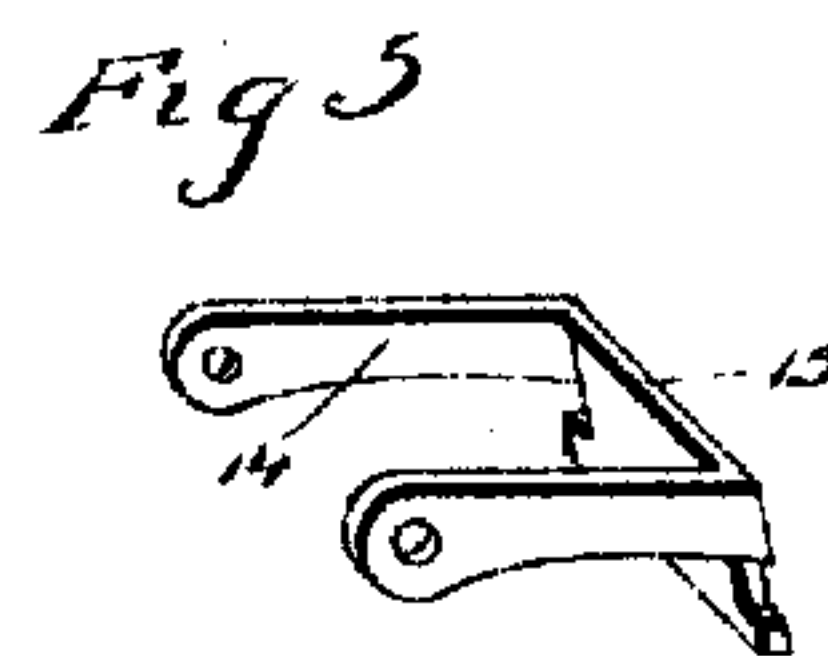
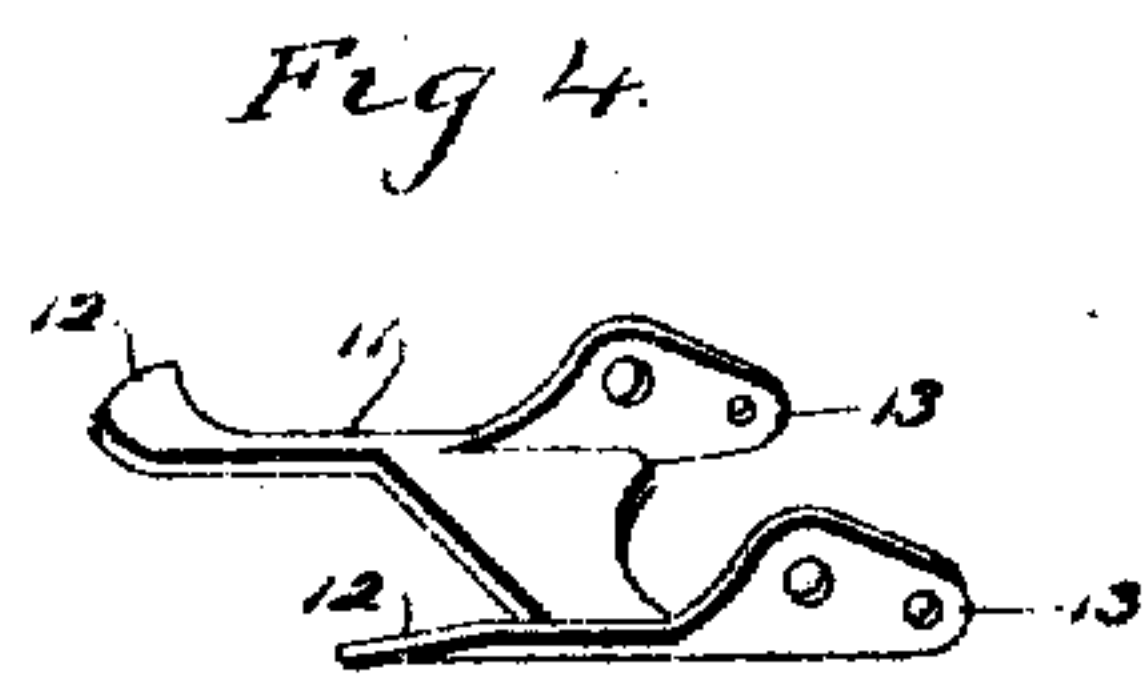
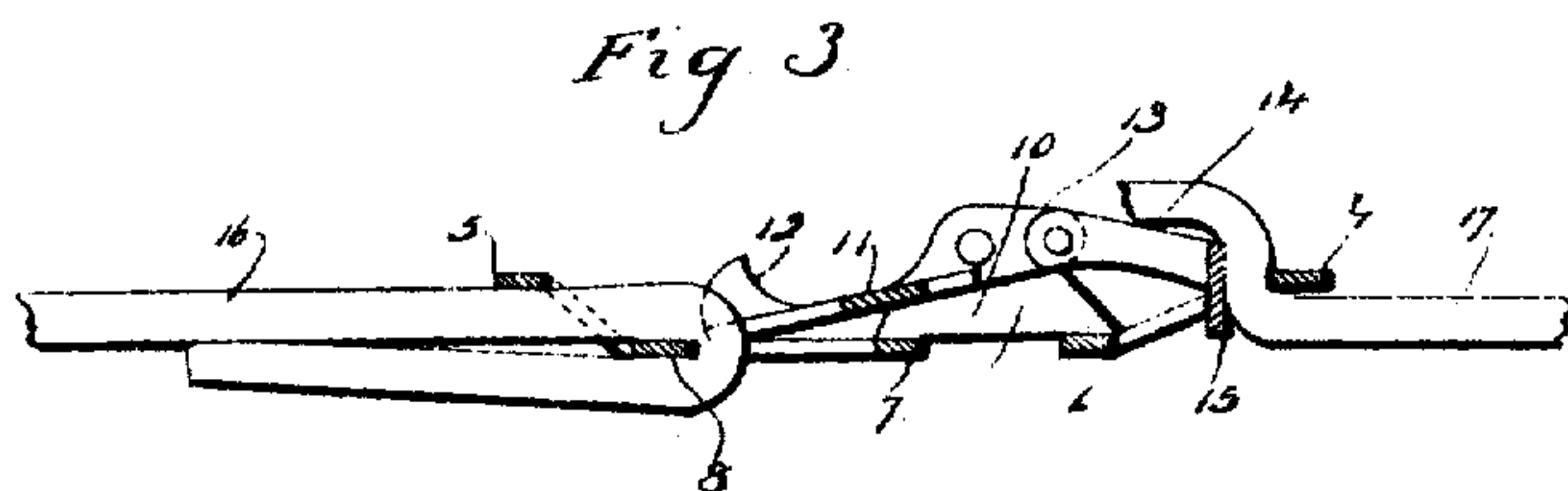
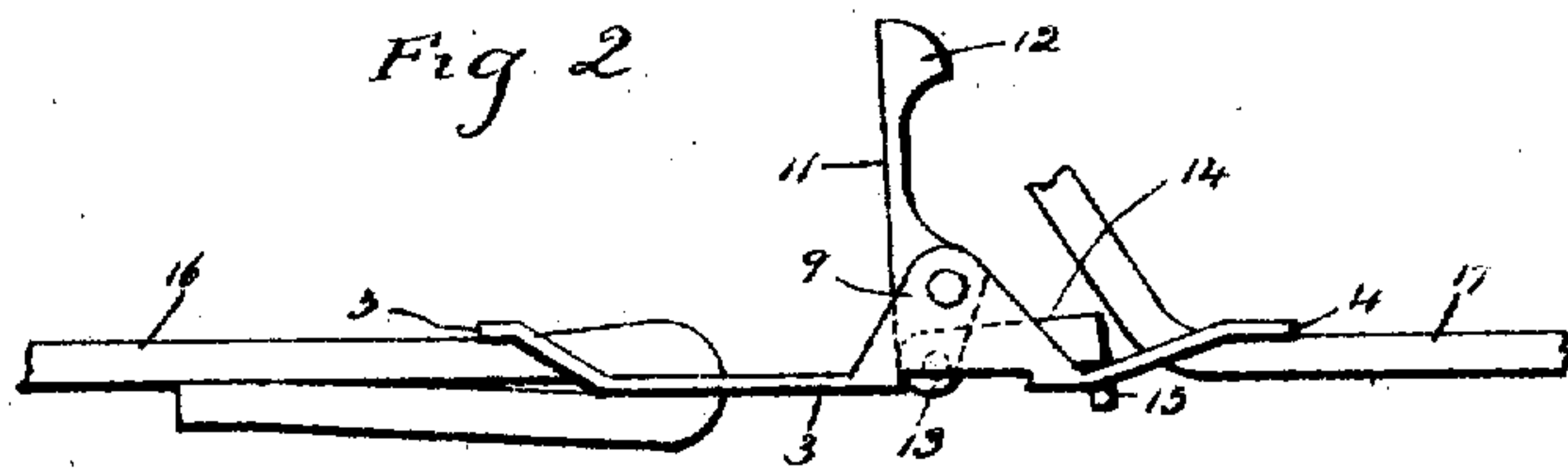
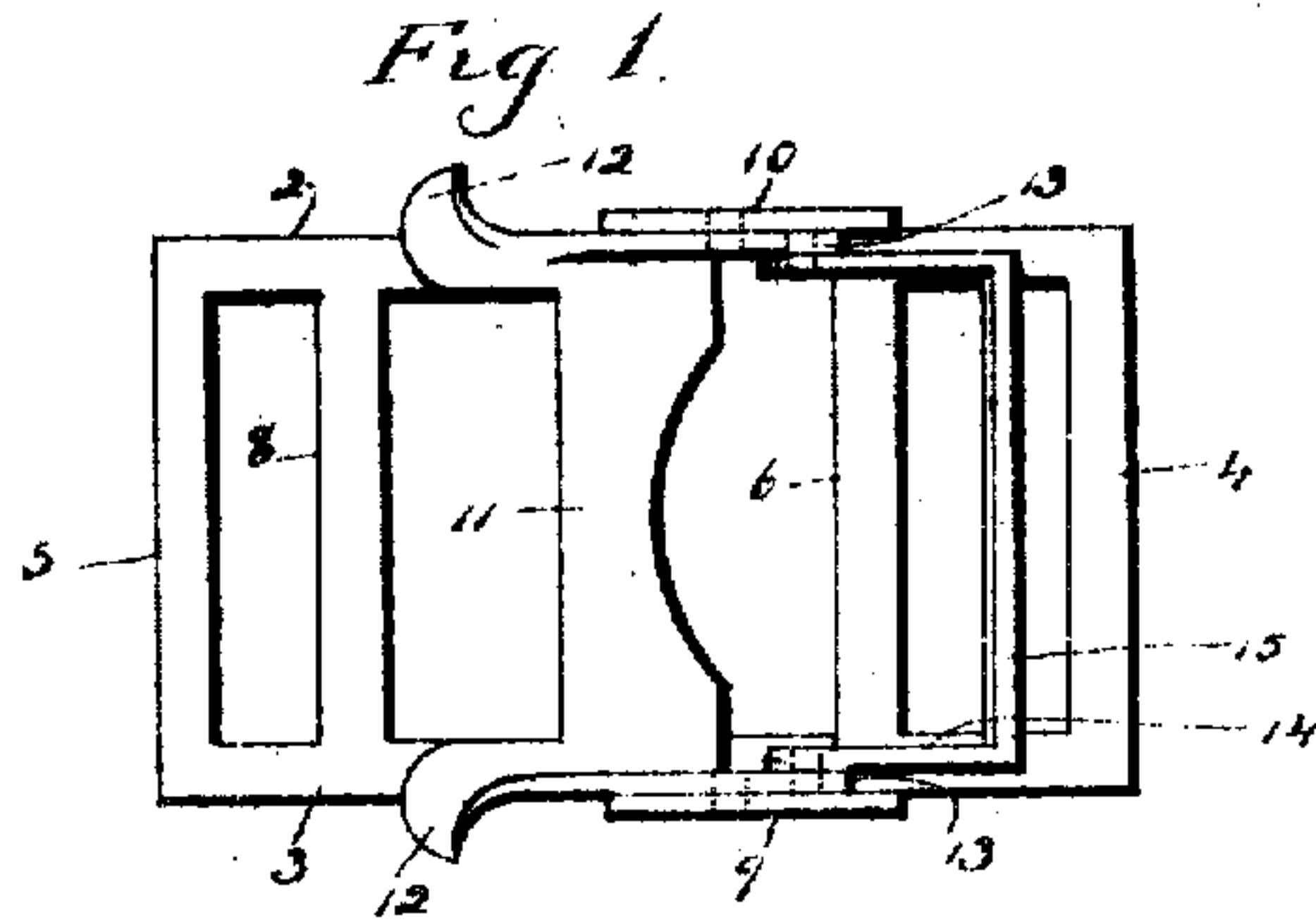


C. P. HUTTON.
BUCKLE.
APPLICATION FILED APR. 27, 1908.

901,103.

Patented Oct. 13, 1908.



Witnesses
C. J. Reed.
C. L. Reed

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Attys

UNITED STATES PATENT OFFICE.

CHARLES P. HUTTON, OF EAST HAMPTON, CONNECTICUT, ASSIGNOR OF ONE-HALF TO GEORGE W. GOFF, OF EAST HAMPTON, CONNECTICUT.

BUCKLE.

No. 901,103.

Specification of Letters Patent.

Patented Oct. 13, 1908.

Application filed April 27, 1908. Serial No. 429,535.

To all whom it may concern:

Be it known that I, CHARLES P. HUTTON, a citizen of the United States, residing at East Hampton, in the county of Middlesex and State of Connecticut, have invented a new and useful Improvement in Buckles; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1 a top or plan view of a buckle constructed in accordance with my invention, the parts shown in closed position. Fig. 2 a side view of the same in the open position. Fig. 3 a longitudinal sectional view in the closed position. Fig. 4 a perspective view of the lever, detached. Fig. 5 a perspective view of the clamping member detached.

This invention relates to an improvement in buckles and particularly to buckles for use in connection with leather straps, such as harness buckles, trunk strap buckles, skate strap buckles and buckles for a variety of purposes where it is desirable to clamp the strap rather than to punch it and have a tongue to pass through such punctures, the object being a simple arrangement of parts whereby the straps may be forcibly clamped and consequently held against slipping; and the invention consists in the construction hereinafter described and particularly recited in the claims.

In carrying out my invention I employ a rectangular frame comprising sides 2, 3, ends 4, 5, and cross-bars 6, 7 and 8, the ends 4, 5, being raised above the plane of the bars 6, 7 and 8. The plate is also formed on opposite sides with ears 9, 10, and pivoted to the ears is a lever 11 having rearwardly projecting finger pieces 12 and forwardly extending arms 13. Pivoted to these arms is a clamp 14 the forward bar 15 of which is arranged parallel to the forward end bar 4 and notched for sliding engagement with the sides 2, 3 of the frame, and as the clamp is connected to the lever by pintles independent of the pin-

cles by which the lever is connected with the ears, it follows that when the lever is turned the clamp will be given a cam action and forced toward or from the bar 4, being forced toward the bar when the lever is turned down, and away from the bar when the lever is turned up. The fixed end 16 of the strap is looped over the bar 8 passing below the bar 5 while the running end 17 of the strap passes upward between the bars 4 and 6 and is held against the bar 4 by the clamp plate 15. Owing to the cam arrangement the parts will yield slightly so as to hold straps of varying thicknesses, although it will be understood, of course, that the length of the arms 14 of the clamp and the point at which it will be hinged to the lever will depend upon the thickness of the strap with which the buckle is to be used. These parts can be readily struck up from metal, easily assembled and is most effective in use.

I claim:—

1. A buckle comprising a plate having end bars and upwardly projecting ears, a lever pivoted to said ears and having forwardly extending arms, a clamp pivoted to said arms and having a clamping plate having sliding engagement with the sides of the frame and adapted to be moved toward and from the forward bar, substantially as described.

2. The herein described buckle comprising a frame having end bars and intermediate transverse bars, the end bars arranged in a plane above the intermediate bars, a plate also formed with upwardly extending ears, a lever pivoted in said ears and having forwardly projecting arms, a clamp pivoted to the arms of the lever and formed with a clamping plate having sliding engagement with the sides of the frame and adapted to be moved toward and from the forward bar, substantially as described.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

CHARLES P. HUTTON.

Witnesses:

JOHN COSTELLO,
FRED. H. BARTON.