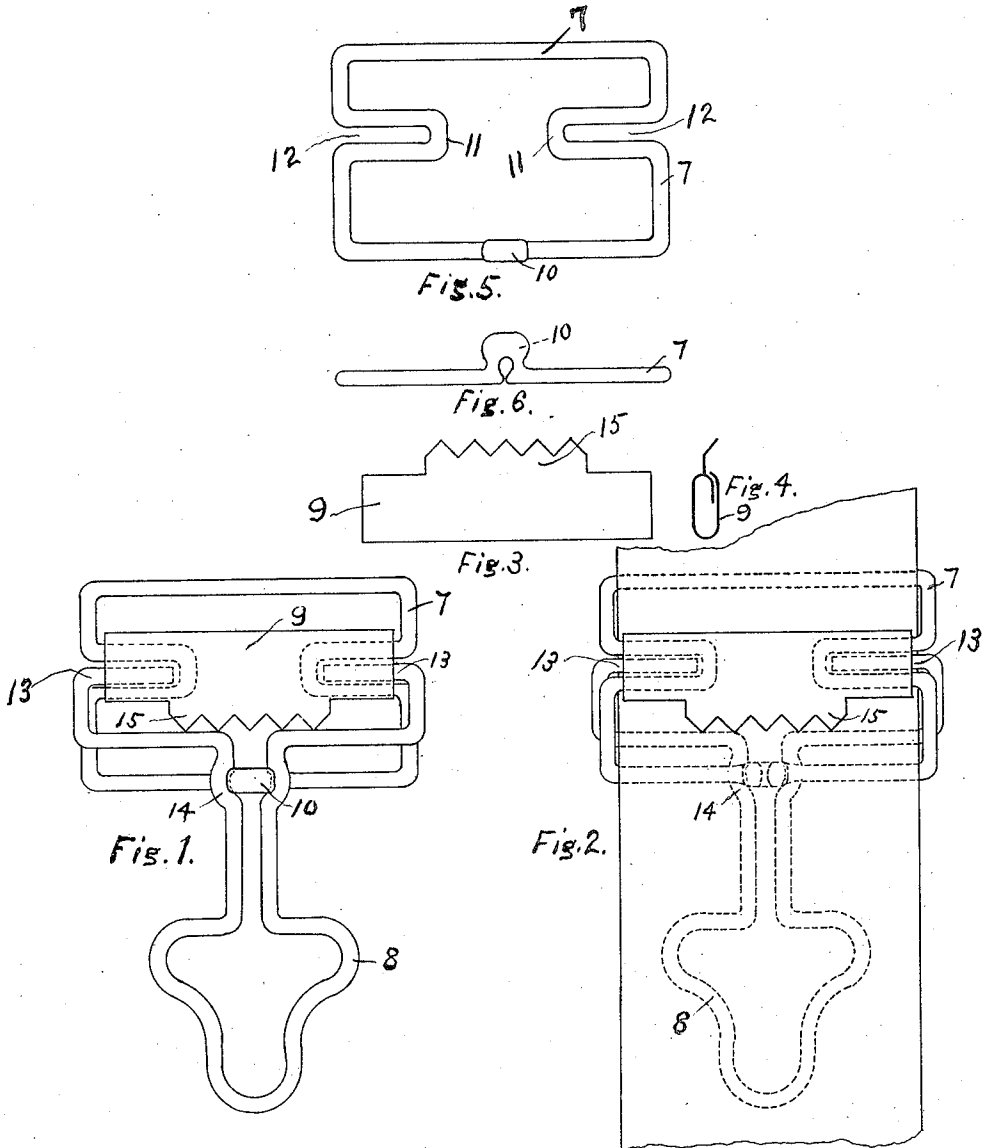


J. WOLF.
BUCKLE.
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1,057,368.

Patented Mar. 25, 1913.



Witnesses

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JACOB WOLF, OF SEATTLE, WASHINGTON.

BUCKLE.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JACOB WOLF, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented a new and useful Buckle, of which the following is a specification.

My invention relates to improvements in that class of buckles which are usually employed in connection with the suspending straps of garments, such as overalls, and upon braces, or suspenders for trousers; and the object of my improvements is to provide a buckle which is relatively less expensive to make, which will permit a greater strain upon the strap without slipping or breaking and which can be readily manipulated in the operation of buckling and unbuckling.

My invention is illustrated by the accompanying drawings in which—

Figure 1 is a rear view of a buckle embodying my invention; Fig. 2 a front view of same showing it attached to a strap; Fig. 3 a front view of the part embodying the tongue of the buckle; Fig. 4 an end view of the same; Fig. 5 a rear view of the part forming the frame of the buckle, and Fig. 6 an edge view of the bottom of such part.

Similar numbers refer to similar parts throughout the several views.

Referring to Fig. 1 it will be seen that the buckle embodying my invention is comprised of three parts indicated respectively by Nos. 7, 8 and 9. The frame 7 may be made of wire which may be of steel, brass or other metal and of a general form shown in Fig. 5. On one side of frame 7 there is an upwardly extending projection or button-like loop 10, as shown in Fig. 6. On each end of frame 7 there is an inwardly projecting portion 11 of the frame forming a space or recess 12 of a size adapted to receive the inwardly projecting ends 13 of the part 8 as shown by the broken line in Fig. 1. The inwardly projecting portions 11 are wrapped or inclosed with a piece 9 of sheet metal of brass, iron or other metal, of a form shown in Fig. 3 and Fig. 4, whereby the space or recess 12 is adapted to confine the projecting ends 13 of the part 8 in a hinge-like manner within the recess 12 as illustrated by Fig. 1 and Fig. 2. This part 9, of sheet metal, has a projecting edge 15 on which edge are teeth as shown in Fig. 3. This projecting edge acts as a tongue for the buckle against which the strap is clamped by the part 8. While the projecting edge 15 of the part 9 is illus-

trated as being toothed, in many cases such teeth may be dispensed with, the projecting edge alone being sufficient, when operated in connection with the clamping action of the part 8, to hold a strap. The part 8 which may be of steel, brass or other suitable springy wire and whose general form is shown in Fig. 1, is adapted to be hinged to the frame 7 by its inwardly projecting ends 13 which are disposed in the recesses 12, whereby it may be moved about in the arc of a circle whose center is in the recesses 12. The form and the springy nature of part 8 is such that there is a constant tendency for the inwardly projecting ends 13 to approach each other. The lower portion of part 8 is of a shape that adapts it to engage with and be secured by a button on a garment. Near the point 14 the two parallel portions of the part 8 are slightly curved, as shown in Fig. 1, whereby the projection or catch 10 may gain entrance between the two parallel portions of part 8 and force or spring such parallel portions, and also the ends 13, farther apart when part 8 is pressed on to or over the projection or catch 10, to press the strap against the tongue 15 of the piece 9.

As shown in Fig. 6 the projection or loop forming the catch 10, is wider near its top than at a point nearer its base, thus forming a sort of a button or catch, which allows the two parallel portions near point 14, when they are pressed over the catch, to spring nearer together bringing also the ends 13 nearer together and thus hold the part 8 in place when it has clamped the strap against the tongue 15.

The operation of a buckle embodying my invention is as follows: The clamping part 8 is moved away from its locked position beneath the projecting portions of the catch 10, and the strap or suspender of a garment is inserted into frame 7 (as shown in Fig. 2) so that the upper and lower bars of said frame 7 are on the same side of the strap or suspender while the toothed tongue part 9 is on the other side of the suspender, thereupon the part 8 is pressed back to its former locked position under the catch 10 where it is securely retained by the grip of the springy parallel portion of said clamping part 8. When the clamping part 8 is thus pressed to lock with catch 10 its horizontal portion near and above the said catch 10 presses the strap of suspender against the teeth of the tongue 9, thus firmly securing

and holding the suspender, whereupon the lower portion of part 8 (which is of loop form) may be buttoned to the garment.

Having thus described and illustrated my invention and explained its mode of operation, what I claim as new is—

In a buckle, a frame having three parallel horizontal portions, a toothed tongue secured to the middle portion, said middle portion providing pivot bearing recesses, a button-like catch centrally provided upon the lower one of said portions and forwardly projecting in a plane perpendicular thereto, a clamping wire lever having opposite curved

sides adapted for a lateral spreading engagement with said button-like catch at the curved portions of the lever, two pivot ends upon said lever horizontally-disposed within said recesses, a single member garment engageable-retaining means upon and in a single plane with said lever. 15 20

In witness whereof, I have hereunto set my hand and seal this 11th day of March, A. D. 1911.

JACOB WOLF. [L. s.]

Witnesses:

WALTER METZENBAUM,
JENNIE C. SELK.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."