A. LEIGHTON.

BUCKLE.

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1,297,368. Patented Mar. 18, 1919.

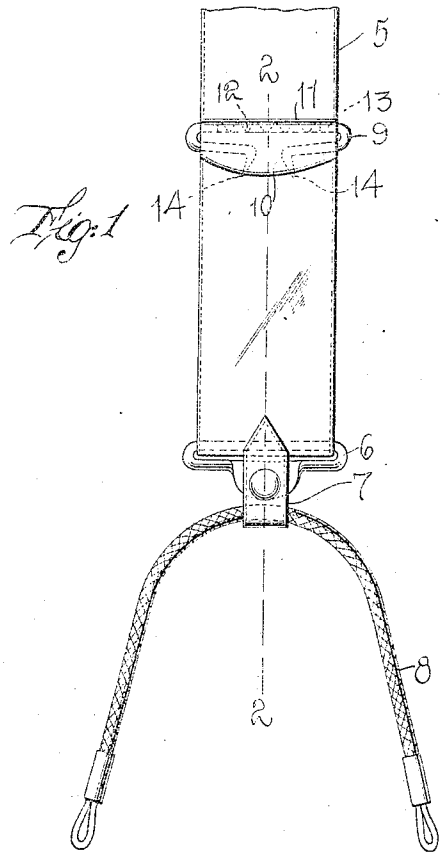


Fig. 1

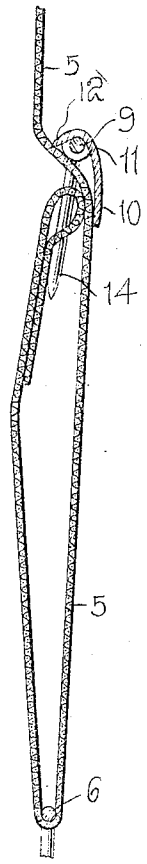


Fig. 2

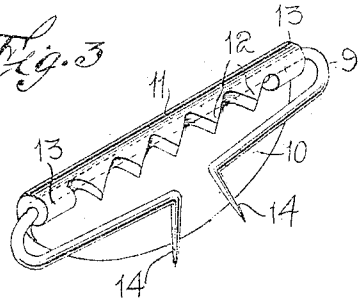


Fig. 3

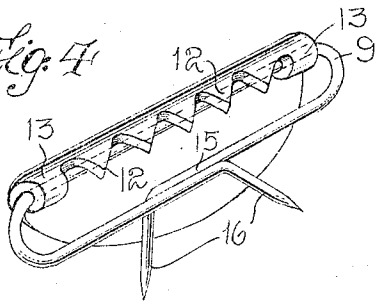


Fig. 4

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BUCKLE.

1,297,368. Specification of Letters Patent. Patented Mar. 18, 1919.

Application filed October 28, 1918. Serial No. 259,960.

To all whom it may concern:

Be it known that I, ALBERT LEIGHTON, a citizen of the United States, residing at Latrobe, in the county of Westmoreland and State of Pennsylvania, have invented certain new and useful Improvements in Buckles, of which the following is a specification.

This invention relates to improvements in buckles and more particularly to that type of the same which are known as take-up buckles, and which are adapted for use as suspender-buckles, and it has for its object the construction of a buckle provided with contained means for attaching it to a suspender strap, thereby obviating the necessity of stitching the strap thereto by sewing, thus eliminating the additional labor involved in securing the buckle to the strap, as well as avoiding the detachment of the buckle therefrom by the loosening of such stitching in the wear of the suspender.

A further object of this invention is the provision of a buckle of the class referred to which shall be simple and economical in construction and one which is readily applied, and which will effectively perform the service for which it is designed.

This invention accordingly consists in the features of construction, combination of parts and in the unique relations of the members and in the relative proportioning and disposition thereof, all as more completely outlined herein.

In the accompanying drawing illustrating the preferred form of this invention

Figure 1 is a view in elevation showing a portion of the front end of one of a pair of suspenders, the shoulder strap being partially broken away;

Fig. 2 is a vertical central section on line 2 of Fig. 1;

Fig. 3 is a perspective view of the rear side of the buckle detached from engagement with the strap, and

Fig. 4 a similar view of a modified form of buckle.

Like letters of reference denote like parts in the several figures of the drawing.

5 indicates a suspender strap provided at its lower end with the usual form of slide 6 for sustaining the cast-off 7 and the trouser-engaging tabs 8. The buckle is composed of a single piece of wire or sheet metal 9 having a straight portion 10 forming a pivot or bearing upon which is mounted the hand-piece or lever 11 provided at its inner edge with the usual serrations 12 adapted when the said hand-piece is turned downwardly to engage with the face or outer surface of the suspender strap. Beyond the ends of said serrated portions 12 the said hand-piece is provided with struck up portions 13 extending over the straight or bearing portion 9 of the buckle and acting to secure said hand-piece 11 in swinging position thereon. The ends of the wire or sheet metal 9 are bent downwardly and inwardly and terminate in or have impaling points or prongs 14 lying substantially normal to the bearing portion 9 and adapted to project through one end of the suspender strap, thus securing the buckle in place and obviating all necessity of sewing the same to the strap according to the usual practice.

In the operation of my device the suspender strap or web 5 is passed through the cast-off sustaining slide 6, thence upwardly through the loop formed by the bent portions of the part 9, the inner end of said strap being also passed through the part 6 and beneath the outer portion of the web 5, and the pins 14 are then passed through said lower portion of the strap when the buckle is secured in place, and the upper or overlying portion of the strap 5 is free to travel through the buckle when the hand-piece or lever 11 is raised to disengage its serrated teeth 12 therefrom.

In Fig. 4 is illustrated a construction in which the ends of the lower portion of the member 9 extend beyond each other, thus affording an increased bearing surface 15 for the loop of the web and terminating in or having points or prongs 16 adapted to pass through the web.

It is thus seen that the present invention provides a simple and practical construction of the above general character adapted to accomplish, among others, all of the objects and advantages herein set forth.

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

A take-up buckle adapted for use on the textile web of a suspender strap or the like, comprising a resilient one-piece member having a straight or bearing portion, and bent beyond said straight portion outwardly and then inwardly to form a separating space of approximately the thickness of the web, and having its ends bent outwardly at

approximately a right angle to said bearing portion, said ends terminating in piercing prongs or points adapted to project through the web adjacent an end thereof, and a clamping member swingingly mounted on the upper straight or bearing portion of said device, said clamping member having a serrated edge adapted to coact with the web when the same is passed between said bearing portion and said bent ends, whereby said parts are held in their adjusted positions on the web.

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

ALBERT LEIGHTON.

Witnesses:
F. B. HARGRAVES,
G. M. FINCIK.

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