

H. ADKISON.

SUSPENDERS.

APPLICATION FILED JAN. 30, 1911.

1,046,363.

Patented Dec. 3, 1912.

Fig. 1

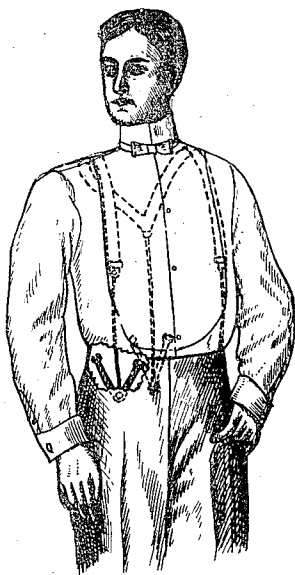


Fig. 2.

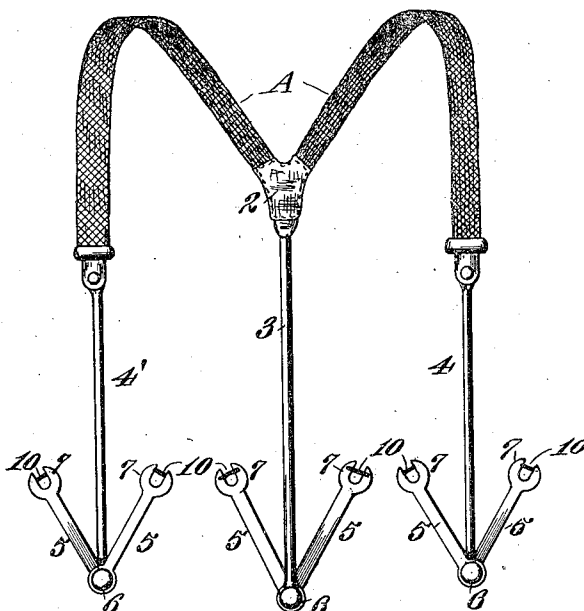


Fig. 4.

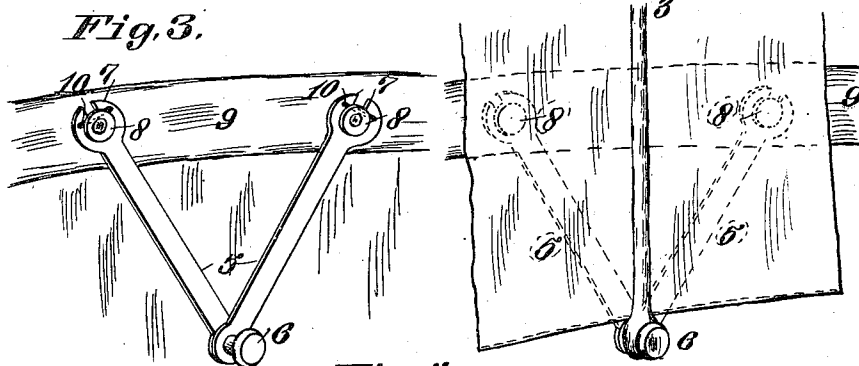


Fig. 5.



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UNITED STATES PATENT OFFICE.

HARRY ADKISON, OF RICHMOND, CALIFORNIA.

SUSPENDERS.

1,046,363.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HARRY ADKISON, citizen of the United States, residing at Richmond, in the county of Contra Costa and State of California, have invented new and useful Improvements in Suspenders, of which the following is a specification.

This invention relates to trouser-supporters or suspenders and particularly pertains to improvements in a suspender to be worn beneath the outer shirt.

It is the object of this invention to provide a trouser support or suspender which is so designed and constructed that it may be worn beneath the outer shirt so as to be invisible when the coat and vest are removed, and yet afford a proper support for the trouser.

The invention consists of the parts and the combination and construction of parts as hereinafter more fully described and claimed, having reference to the accompanying drawings, in which—

Figure 1 is a perspective view of a figure showing the invention, as applied. Fig. 2 is a view in elevation of the invention. Fig. 3 is a detail view in perspective of the button engaging links. Fig. 4 is a similar view of same illustrating the manner in which the outer shirt is disposed between the inner band of the trousers and the suspenders. Fig. 5 is a detail of the button engaging device.

In the drawings A represents the shoulder strap portion of the suspender which is substantially of the usual form; these straps being adapted to pass over the shoulder in the customary manner. The straps A are jointed together at the back as indicated at 2, a single rigid reach member 3 extending downward from this point of juncture. The free ends of the shoulder straps are attached to similar reach members 4-4' in any suitable manner.

The present invention resides in pivotally mounting a pair of metal links 5 upon a button 6 which is attached to the lower ends of the reach members 3-4-4', in any suitable manner. The link members 5 are bifurcated or forked at their outer ends between the prongs 7 of which the button 8 mounted on the inside of the band 9 of the trousers

may be inserted. The links 5 are designed to extend upwardly and outwardly from their pivotal mounting on the buttons 6 as shown, the forked ends or prongs 7 of the links 5 engaging with the buttons 8 from beneath.

Mounted on the prongs 7 near the outer ends thereof, is an elastic cord 10 which extends from one prong to the other across the space therebetween; this cord being adapted to pass over the buttons 8 so as to attach the links 5 to the button and prevent its being misplaced or accidentally detached therefrom.

In removing a link 5 from a button 8 the elastic cord 10 is extended so as to permit of the prongs 7 being withdrawn out of engagement therewith. The point of juncture between the reach members 3-4-4' and the links 5 being some distance below the belt band 9 of the trousers permits of the outer shirt being tucked between the reach members of the suspenders and the trousers band 9, as shown in Fig. 4; the suspenders being worn beneath the outer shirt being invisible.

A novel feature of this invention lies in the fact that the upward pull on the pivotal connection of each pair of links 5 tends to separate the outer ends of the links, the direction of straining forces on the belt band 9 of the trousers being thus thrown between the pair of buttons 8 engaged by the links 5. This strain being confined to this point does not exert a pull upon the band 9 of the trousers to draw the belt tighter about the waist, as do the ordinary suspenders.

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

1. A trousers support consisting of pairs of rigid links pivoted together at the apex and diverging upwardly, means to connect the separated ends of the links with pairs of separated buttons, straps adapted to pass over the wearer's shoulders, and rigid connections between the ends of said straps and the pivoted ends of the links.

2. A suspender attachment composed of inner and outer sides connected together at the bottom, the outer side being shorter than the inner side and provided with means for

securing it to a pair of trousers and the inner side being arranged to extend through the side opening of a shirt and having means located above the plane of the outer side
5 for connecting it with a pair of suspenders, whereby the latter may be worn beneath the shirt.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

HARRY ADKISON.

Witnesses:

G. W. CUSHING,
FRED C. SCHRAM.