July 31, 1923. 1,463,213

W. M. HUESEMAN

SUSPENDERS

Filed Nov. 21, 1921

Fig. 1.

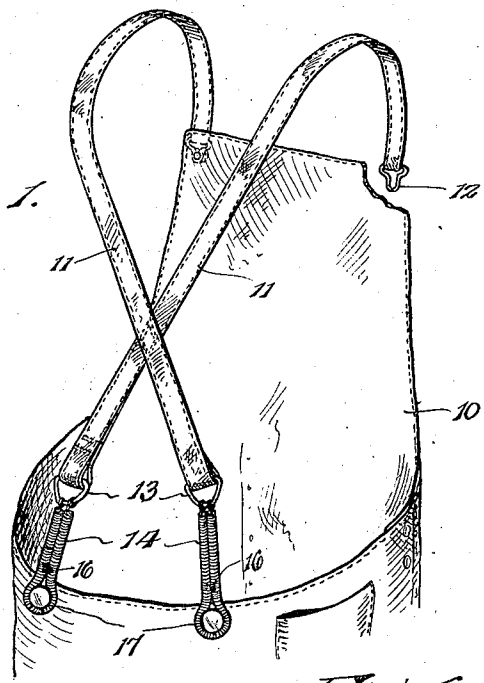


Fig. 5.

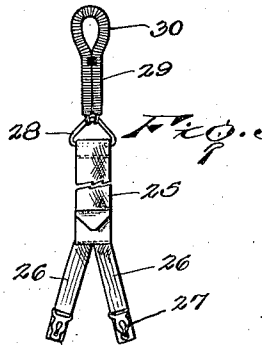


Fig. 2.

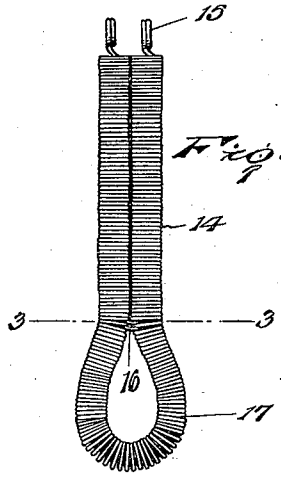


Fig. 6.

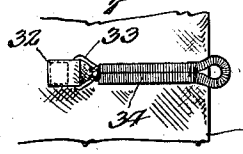


Fig. 4.

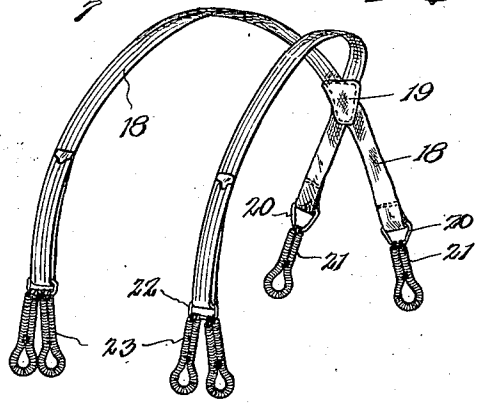
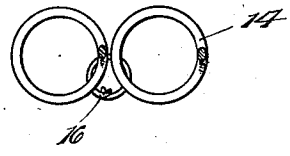


Fig. 3.



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By

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UNITED STATES PATENT OFFICE.

WILLIAM M. HUESEMAN, OF DILLSBORO, INDIANA.

SUSPENDERS.

Application filed November 21, 1921. Serial No. 516,735.

To all whom it may concern:

Be it known that I, WILLIAM M. HUESEMAN, citizen of the United States, residing at Dillsboro, in the county of Dearborn and State of Indiana, have invented certain new and useful Improvements in Suspenders, of which the following is a specification.

This invention relates to improvements in suspenders and seeks, as one of its principal objects, to provide a suspender embodying the necessary resiliency while, at the same time, the use of elastic straps is eliminated.

A further object of the invention is to provide a suspender employing resilient tabs and wherein said tabs will embody resilient button hole loops.

And the invention has as a still further object to provide a suspender wherein the tabs will each be formed from a single spring.

Other and incidental objects will appear hereinafter.

In the drawing:

Fig. 1 is a perspective view showing the invention embodied in a pair of overall suspenders,

Figure 2 is an elevation showing one of the tabs employed,

Figure 3 is an enlarged transverse sectional view on the line 3—3 of Figure 2,

Figure 4 is a perspective view showing a slightly modified form of suspender,

Figure 5 is an elevation showing one of the tabs employed in connection with a hose supporter, and

Figure 6 is an elevation showing the invention employed as a button hole loop for a coat or other garment.

Referring now more particularly to Figures 1, 2 and 3 of the drawing, I have shown the invention embodied in a pair of overall suspenders, a pair of overalls being conventionally illustrated at 10. Crossed straps 11 are employed. These straps may be formed of fabric or other suitable material and need not be elastic, the straps being stitched or otherwise secured together at their point of intersection. At their forward ends, the straps carry appropriate loops 12 detachably engageable with the usual buttons at the front of the overalls. Secured to the straps at their rear ends are loops 13. Connected to these loops are resilient tabs 14. As shown in detail in Figure 2, these tabs are each formed from a suitable coil spring having its end portions arranged in overlapping relation and provided with terminal upstanding eyes 15. Near the bend in the spring, the end portions thereof are, as shown in detail in Figure 3, connected by a tie wire or other appropriate element 16 to define a button hole loop 17, the wire being passed one or more times through adjacent coils of the spring and having its ends bent inwardly between the coils. As will be seen, the tabs may thus be readily produced while, at the same time, said tabs will each embody an integral button hole loop. The eyes 15 of the tabs are, as shown in Figure 1, engaged with the loops 13 upon the rear ends of the straps 11 while the button hole loops 17 of said tabs are engaged with the usual buttons at the rear of the overalls for connecting the tabs therewith. As will be perceived, the tabs will thus provide the necessary resiliency in the suspenders while the suspenders will prove much more durable than were the straps 11 to be formed of elastic webbing. In fact, by employing tabs of the character illustrated, stress upon the buttons of the overalls will be greatly relieved and, in this connection, it is to be observed that the loops 17 may be readily engaged with the buttons since said loops may be easily expanded to slip over the buttons. However, when the loops are once engaged with the buttons, the loops will contract beneath the buttons to prevent accidental disengagement of the loops therefrom.

In Figure 4 of the drawing, I have illustrated a modification of the invention as embodied in a pair of what may be termed dress suspenders. In this modification, crossed straps 18 are employed. These straps may be formed of any suitable non-elastic material and are appropriately connected at their point of intersection as at 19. Arranged upon the straps at their rear ends are loops 20 and connected to these loops are tabs 21 identical with the tabs 14 of the construction previously described. At their forward ends, the suspenders carry loops 22 and engaged with each of these loops is a pair of tabs 23 also identical with the tabs 14. Thus, the tabs 21 and 23 provide the necessary resiliency for the suspenders, the loops of the tabs 21 being en-

gaged with the usual buttons at the rear of a pair of trousers while the loops of the tabs 23 are engageable with the usual pairs of buttons at the front of the trousers.

In Figure 5 of the drawing, I have illustrated one of the tabs, as illustrated in Figure 2, embodied in a hose supporter. A strap 25 is employed. This strap may be formed of fabric or other non-elastic material and connected therewith are members 26 carrying appropriate fastenings 27 for connecting the members with a stocking. At its upper end, the strap 25 carries a loop 28 and connected to this loop is a tab 29. As intimated, this tab is identical with the tabs 14 and comprises a button hole loop 30 engageable with one of the usual buttons upon an underwaist. Thus, the tabs will impart the necessary resiliency to the supporter and will eliminate the necessity for the use of elastic webbing.

In Figure 6 of the drawing, I have illustrated one of the tabs, as shown in Figure 2, used as a button hole loop for a coat or other garment. In this figure, a garment is conventionally illustrated at 31 and secured to the garment by a strap 32 is a loop 33. Connected at its ends to this loop is a button engaging member 34 which, as inferred, is identical with the member 14, as previously described. As will be perceived, a coat equipped with a plurality of the members 34 may be readily buttoned by engaging the members with the buttons of the coat, the resiliency of said members acting to prevent the buttons from being accidentally torn off.

Having thus described the invention, what is claimed as new is:

1. A suspender tab comprising a closely wound coil spring bent double at the medial point to form a loop and two parallel shanks, a tie element passed through adjacent coils on said shanks to close the loop at the juncture of said shanks, the ends of the spring wire being bent to provide upstanding terminal eyes on said shanks.

2. The combination with a suspender strap having terminal rings, of a tab composed of a closely wound coil spring and doubled at the medial point to form a loop and two parallel shanks, a tie element passed through adjacent coils on said shanks to close the loop at the juncture with said shanks, the ends of the spring wire being bent to provide upstanding terminal eyes on said shanks adapted to engage in one of said rings.

In testimony whereof I affix my signature.

WILLIAM M. HUESEMAN. [L. S.]