

Sept. 26, 1933.

W. A. ROWLAND

1,928,137

GARMENT SUPPORTING DEVICE

Filed Dec. 23, 1931

FIG. 1.

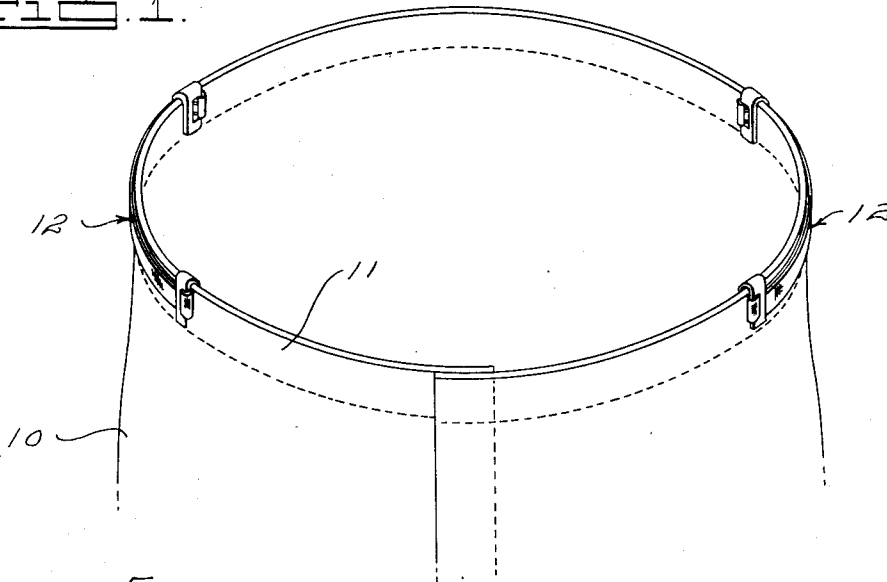
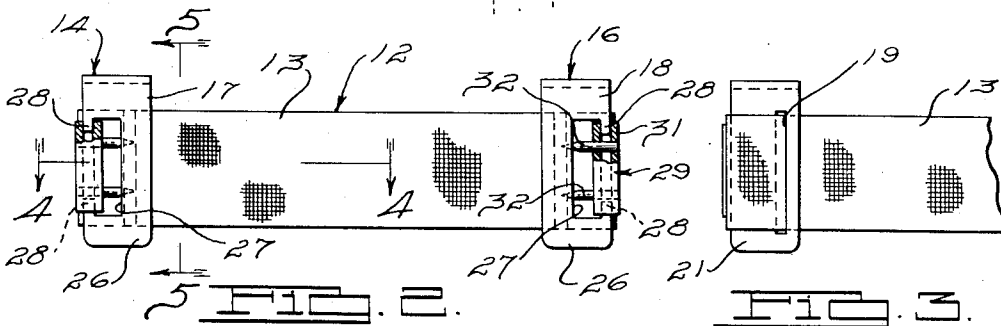


FIG. 3.

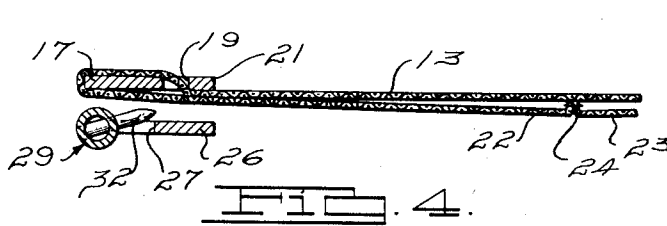
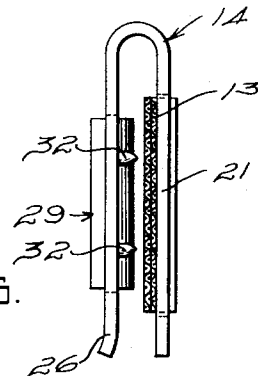
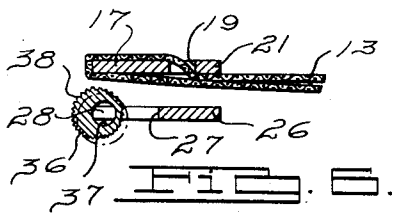


FIG. 5.



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UNITED STATES PATENT OFFICE

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GARMENT SUPPORTING DEVICE

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Serial No. 582,704

3 Claims. (Cl. 241-9)

This invention relates to garment supporting devices and it has particular relation to devices for supporting garments such as skirts, trousers, etc., about the hips of persons wearing such garments.

An object of the invention is to provide a simple, economical and easily manipulated appliance which can be attached to any garment without causing injury thereto and which will constrict or shorten a portion of the garment with which the attachment is engaged to cause the garment to fit more tightly upon the body than it might otherwise fit.

Another object of the invention is to provide a supporting device of neat appearance as a substitute for belts, suspenders and other similar garment supports.

For a better understanding of the invention, reference may now be had to the accompanying drawing, forming a part of this specification in which:

Figure 1 is a perspective view of the upper portion of a pair of men's trousers to which supporting devices embracing the principles of this invention are applied.

Figure 2 is a side elevational view partly in cross section of the inside of one of the supporting devices illustrated by Figure 1.

Figure 3 is a fragmentary view of the outside of one of the supporting devices illustrated by Fig. 1.

Figures 4 and 5 are enlarged fragmentary cross-sectional views of one of the supporting devices as the structure thereof might appear on lines 4-4 and 5-5 respectively in Figure 2.

Figure 6 is a fragmentary view similar to that illustrated by Figure 4 except that in Figure 6 a modified form of clamping device is employed.

Referring particularly to Figure 1, a pair of trousers 10, with which the invention is employed, comprises a waist band 11 which normally is adapted to fit rather loosely about the waist of a wearer in a region immediately above the hips. In order to decrease the length of the waist band 11 and thus to cause the trousers to fit snugly upon the wearer's hips, a pair of supporting devices 12 are attached to the opposite sides thereof. Such supporting devices (see Figs. 2, 3 and 4) each comprise an elastic band 13 and a pair of fasteners 14 and 16 which are substantially identical except that one is constructed with the fastening elements thereof in opposite relation to the fastening elements of the other. Although the bands 13 may be suitably ornamented by the employment of bows, woven designs, etc., as is

customary in the art, in the preferred form disclosed herein they are formed of elastic fabric approximately matching the garment 10.

Each of the fasteners 14 and 16 consist of U shaped members 17 and 18 which are adapted to slide downwardly on opposite sides of the waist band with the bent portions thereof resting upon the upper edge of the band. Openings 19 in the outside portions 21 of the U shaped members 17 and 18 are adapted to receive from the inside thereof ends 22 and 23 of the band 13 which thereafter are extended around the remote edges of the portions 21 and then attached between the fasteners as indicated at 24. The remote edges of the inside portions 26 of the members 17 and 18 are provided with inwardly disposed recesses 27 into which inwardly projecting lugs 28 extend.

Fastening elements 29 disposed within the recesses 27, in such position as to extend transversely to the elastic band 13, each comprise tubular members 31 into the opposite ends of which the lugs 28 project for the support thereof. Sharpened pins or spurs 32, fastened transversely within the tubular members 31, have the sharpened ends thereof projecting toward the band 13 and between the portions 21 and 26 of the members 17 and 18.

In applying the fastening devices 12 to the trousers 10 the fasteners 14 and 16 are simply disposed upon the waist band 11 with the portions 26 thereof on the inside of the waist band, and the portions 21 and the band 13 on the outside thereof. The band 13 is then tensioned by pulling one of the fastening devices away from the other until the portion of the waist band between the fasteners has been contracted enough that the trousers fit properly.

The supporting device disclosed by Fig. 6 is substantially the same as that disclosed by the preceding figures except that a cam-like fastening element 36 is employed instead of the fastening element 29. Such cam-like element has a longitudinal opening 37 therein for the reception of the lugs 28 and the exterior surface thereof is so formed that as the fastening element is rotated upon the lugs the space, between the fastening element and the portion 21 of the fasteners, will vary.

The exterior surface of the fastening element 36 may be knurled as indicated at 38 in order to make certain that any relative movement between the fasteners and the waist band will rotate the fastening elements into such position as to secure the fasteners upon the waist band.

While the supporting devices herein disclosed

constitute a preferred form and application of the invention, it is to be understood that other devices differing widely from those herein disclosed are within the scope of the invention as defined by the appended claims.

I claim:

1. A garment support comprising an endless elastic band having remotely disposed portions looped around one portion of each of a pair of U shaped fasteners, the opposite portions of said fasteners having pairs of aligned lugs projecting therefrom, fastening elements journaled on and disposed between each such pair of lugs and spurs on said fastening elements having the sharpened ends thereof disposed between parallel portions of said fasteners.

2. A garment support comprising an endless elastic band disposed along the edge portion of the garment to be supported, a pair of clips each having spaced and parallel legs normally disposed one on each side of said garment and supported thereby, the corresponding legs of each of said clips having portions included in remotely

disposed portions of the elastic band, and rotatable means pivoted to the other corresponding legs of said clips about axes arranged longitudinally of said legs and transversely of said band for confining said garment within said clips at regions along the edge of said garment a greater distance apart than the normal length of said elastic band.

3. A garment support comprising an elastic band disposed along the edge portion of the garment to be supported, a pair of clips having spaced and parallel legs normally disposed one on each side of said garment and supported thereby, the corresponding legs of said clips being secured to the opposite ends of the elastic band, and a rotatable and longitudinally knurled cam associated with the legs of said clips and disposed for operation longitudinally of said legs and transversely of said band for confining said garment within said clips at regions along the edge of said garment a greater distance apart than the normal length of said elastic band.

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25	100
30	105
35	110
40	115
45	120
50	125
55	130
60	135
65	140
70	145
75	150