W. GLUCKMANN

TROUSERS SUPPORTING MEANS

Filed Nov. 17, 1941
My invention relates to trousers supporting means and has for an object to provide a novel type of suspenders which in cooperation with a novel and adaptable form of shirt will permit the suspenders to be worn concealed beneath said shirt, and is of special advantage to those who find it inconvenient to depend upon a belt to support the trousers, preferring to use suspenders for that purpose but at the same time wishing to avoid the appearance of exposed suspenders worn in the usual way over the shirt.

A further advantage lies in the fact that when off the trousers the suspenders are attached to the shirt in such a way as to be easily attached to the trousers and are also readily detachable from the shirt.

A further object of the invention is to provide means whereby a positive relationship between the shirt and trousers may be maintained, thus preventing any undesirable creasing or bloating of the shirt.

Still a further object of the invention is that, whereas in present day suspenders means are provided for the adjustment of the lengths of the two front members but no means are provided for the adjustment of the length of the rear member beneath the point of juncture with the front members, I have provided such adjusting means whereby the rear member may be lengthened or shortened, thus enabling the wearer to locate the said point of juncture at a convenient position on his back.

Other and further objects and advantages of my invention will be apparent from the following description of it, taken in connection with the annexed drawings, in which:

Fig. 1 is a front view in perspective of my invention showing the relation of shirt, trousers and suspenders as on the wearer.

Fig. 2 is a sectional view on the line 2—2 of Fig. 1.

Fig. 3 is a perspective view of the attachment plate forming the ends of the suspenders and of the cooperating strip attached to the trousers.

Fig. 4 is a view of the portion of the shirt showing a slit therein to receive the ends of the suspenders and a covering strip.

Referring to the drawing, the suspenders of my invention are composed of two members 1 and 2 made of suitable webbing and of sufficient length to extend upwardly from the top of the trousers along the front of the upper portion of the body of the wearer, across the shoulders and down to a point on the back where they merge and thence contine as a single member 3 to the trousers as shown in Fig. 1. The three members are each provided with means for attaching them to the trousers, which are held in adjustable loops thereof to permit varying the length of the suspenders by means of the buckles 4. Since the three attachment means are identical in construction, the following detailed description of one of them will suffice. 5 is a small plate preferably of metal bent around at its bottom end to form a hook 6 adapted to engage a metal strip 7 securely fastened at each of its ends by sewing or otherwise, as at 8, to the inside of the waistband of the trousers and at sufficient depth below the upper edge 9 of said trousers so that the top of the hook 5, and the slot 10 will be below said upper edge when the hook 6 is in engagement with the strip 7. The downwardly disposed tongue 11 can be formed either as a stamped out portion of the flat piece 5 as shown, or it may be a separate piece riveted or otherwise attached thereto at its upper end. Its function is to hold the shirt to the plate 5 against upward movement. Each of the plates 5 is connected to an end of the members 1, 2 and 3, respectively, by means of the slot 12 in the upper end of the plate 5 through which the members 1, 2 and 3 are passed in the form of loops, the free ends being attached to the buckles 4.

The shirt 14 to be used in connection with my invention may be of any standard type except that it is provided with three horizontal slits 13 positioned a short distance above the upper edge 9 of the trousers in line with the points of attachment of the suspenders to the trousers, said slits having a length just sufficient to enable the plate 5 and its attached suspender member to pass therethrough. Attached to the outside of said shirt at a level just above that of each of the slits 13 is a strip 15 composed of two plies of cloth sewed together along their edges. The outer ply 16 is composed of the same material as the shirt, and if the material of the shirt has a pattern printed or woven therein, the outer ply 15 should be a continuation of that pattern so as to render the strip 15 practically indistinguishable. The inner ply 17 which may be composed of stronger material is provided with a number of spaced apart buttonholes 18 to receive the tongue 11. Such a plurality of buttonholes will accommodate the shirt to different heights of the waistbands of various trousers or enable the same pair of trousers to be worn at different heights with respect to the shirt.

The strip 16, which is of a width somewhat greater than the length of the slit 13 so as to completely cover it and the ends of the suspenders
3. In combination a pair of suspenders and a shirt, means for attaching said suspenders to trousers on the inside of the waistband thereof at a level below the upper edge of said trousers, and said shirt being provided with a plurality of slits adapted to permit the passage of said suspenders therethrough located substantially in line with the points of attachment of said suspenders to said trousers when said shirt, trousers and suspenders are in place upon a wearer, a strip adapted to cover said slit and attached thereto, comprising a plate having its lower end bent in the form of a hook to engage the trousers, a downwardly extending clip positioned above said hook to engage said shirt and prevent upward movement thereof and a slot between said hook and said clip adapted to receive a portion of said shirt.

4. A pair of suspenders adapted for use beneath a shirt, including means for attaching said suspenders to trousers on the inside of the waistband thereof at a level below the upper edge of said trousers, means comprising a plate having its lower end bent in the form of a hook to engage the trousers, a downwardly extending clip positioned above said hook adapted to engage said shirt and prevent upward movement thereof and a slot between said hook and said clip adapted to receive a portion of said shirt.

5. In a shirt adapted for use with a pair of suspenders having a plurality of slits at the ends thereof, each provided with trouser engaging means and a clip positioned above said slits adapted to engage the shirt, the combination of a shirt body having a plurality of slits therein each adapted to permit the passage therethrough of one of said suspenders, said slits being located substantially in line with the points of attachment of the trousers engaging means to the trousers when the shirt, trousers and suspenders are in place upon a wearer, a strip adapted to cover said slit and attached thereto, comprising a plate having its upper end bent in the form of a hook to engage the trousers, a downwardly extending clip positioned above said hook to engage the slit in said strip, and a slot between said hook and said clip adapted to receive said strip.

6. In a shirt adapted for use with a pair of suspenders having a plurality of plates at the ends thereof each provided with trouser engaging means and a clip positioned above said slits adapted to engage the shirt, the combination of a shirt body having a plurality of slits therein each adapted to permit the passage therethrough of one of said suspenders, said slits being located substantially in line with the points of attachment of the trousers engaging means to the trousers when the shirt, trousers and suspenders are in place upon a wearer, a strip adapted to cover said slit and attached thereto, comprising a plate having its upper end bent in the form of a hook to engage the trousers, a downwardly extending clip positioned above said hook to engage the slate in said strip, and a slot between said hook and said clip to receive said strip.