H. G. AINSWORTH.

TROUSERS SUPPORT.

APPLICATION FILED APR. 17, 1919

1,335,927. **Patented Apr. 6, 1920.**

Fig. 1.

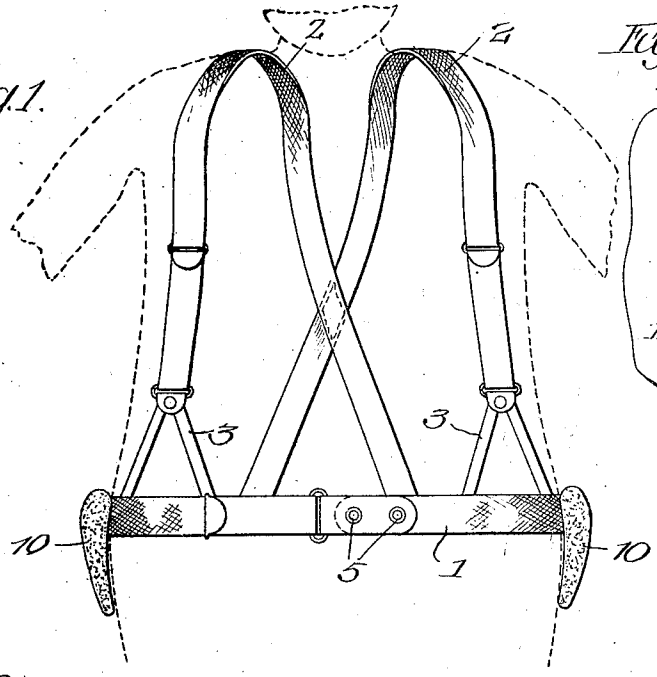


Fig. 4

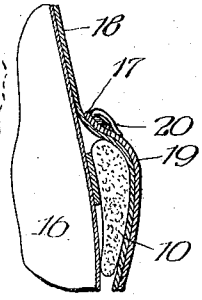


Fig. 2

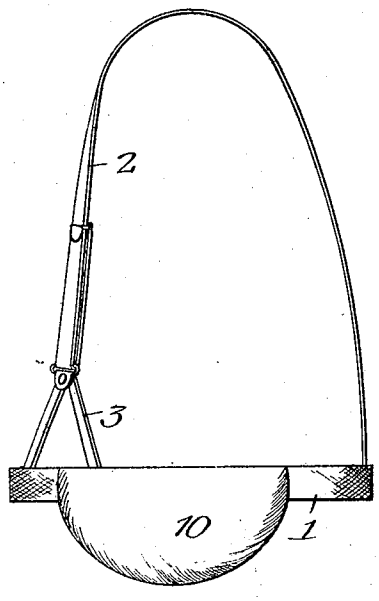
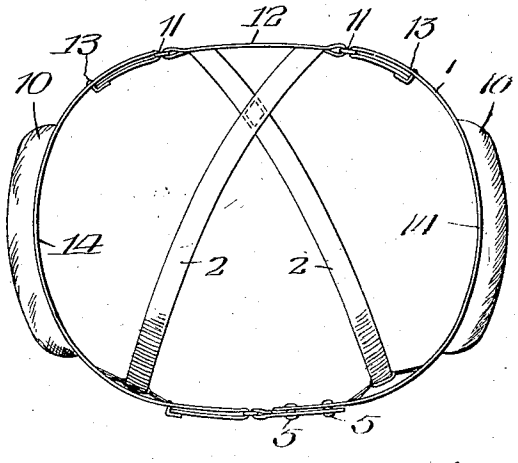


Fig. 3



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UNITED STATES PATENT OFFICE.

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TROUSERS-SUPPORT.

1,335,927. Specification of Letters Patent. Patented Apr. 6, 1920.

Application filed April 17, 1919. Serial No. 290,682.

To all whom it may concern:

Be it known that I, HARRY G. AINSWORTH, a citizen of the United States, and a resident of Kentland, in the county of Newton and State of Indiana, have invented certain new and useful Improvements in Trousers-Supports; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in trouser supports, and more especially to a support adapted to be used in connection with a belt.

Heretofore trousers commonly have been supported by suspenders or belts. Each of these forms of support has some advantages and also some objections. Suspenders are the more comfortable to the wearer, but are unsightly when the coat and vest are removed, since they ordinarily are worn over the outer shirt. If they are worn under the shirt, it is necessary to make holes through the shirt in order to permit the ends to be fastened to the trousers or the fabric of the shirt may be folded over buttons and held thereagainst by loop ends of the suspenders. Belts, on the other hand, are of a pleasing appearance but are uncomfortable to the wearer if made tight enough adequately to support the trousers. Especially is this true in the case of the wearer whose hips do not project to the normal extent.

My improved device overcomes the above noted objections to suspenders and belts, is adapted to be worn out of sight under the outer shirt, does not require holes in the shirt for its operation, has no constricting effect on the wearer, and at the same time supports the trousers better than suspenders or a belt.

Another valuable feature of my device is that it improves the appearance of a wearer whose hips are abnormally flat, and may be adapted to overcome or conceal deformities in the wearer.

My improved device is illustrated in the accompanying drawings, in which:

Figure 1 is a front view of the device.

Fig. 2 is a side view of the device.

Fig. 3 is a top view of the device.

Fig. 4 is a sectional view of the device on a wearer, showing also the undershirt, outershirt, trousers and belt of the wearer.

As shown in said drawings, the device consists essentially of a belt 1, of cloth or other non-elastic, flexible material adapted to extend around the waist of the wearer. The belt 1 is supported from the shoulders of the wearer by the two shoulder straps 2, 2, which are also made of cloth or other suitable non-elastic flexible material. These shoulder straps 2, 2, are arranged substantially the same as in the ordinary form of suspenders, their ends being sewed or otherwise attached to the belt 1 in back, crossing each other about the center of the back of the wearer, passing over the shoulders of the wearer, and their front ends attached to the belt 1 by means of the short running cords 3, 3. Any well known means for adjusting the length of of the straps 2, 2, also may be provided. Although I have shown a particular means for supporting the belt 1 from the shoulders, it is evident that this may be accomplished in a variety of ways, and I do not wish to be limited by the particular means disclosed herein except as the same may be specified in the claims.

The two ends of the belt 1 are fastened in front by the glove fasteners 5, 5, or in any other suitable manner.

Sewn or otherwise suitably attached to the belt 1 at the sides, adapted to lie over the hips of the wearer, are two substantially semi-circularly shaped pads 10, 10. These pads are made of cloth or similar material and stuffed with hair, cotton or the like. They are preferably thicker at one part than the other, and are tapered to the edges as shown, and are attached to the belt 1 with their straight edges at the top and coincident with the top edge of the belt, and their curved edges downward.

In operation, the device is worn over the undershirt, but under the outershirt, as shown in Fig. 4, where 16 indicates the body of the wearer, 17 the undershirt, and 18 the outer shirt. The device is so adjusted that the pads 10, 10 will lie just below the line where the belt of the trousers would lie as ordinarily worn. With the device are worn trousers 19 provided with a belt 20 and belt straps in the ordinary manner. With the use of my improved device, however, the belt of the trousers may be worn much looser

than if it were used alone to support the trousers, and need have no constricting effect whatever on the wearer. The pads 10, 10, will prevent the belt from slipping downward.

As shown in Fig. 3, the belt 1 is composed of two side sections 14, 14, to each of which is attached one of the pads 10, 10, and a center back section 12. The back ends of the two side sections 14, 14 are passed through the eyes 11, 11, at the ends of the section 12 and fastened by the clasps 13, 13. By these means it is possible to adjust the length of the belt 1 and shift the pads backward or forward to a certain extent. It is evident, however, that a variety of means may be provided for making these adjustments.

Although I have shown the pads 10, 10, to be of a certain size and shape, it is evident that they may be of a variety of sizes and shapes adapted to individual wearers, and it is evident also, that the two pads on one device do not need to be of the same size or shape. By properly adapting the sizes and shapes of the pads, deformities in the wearer may be concealed or overcome, abnormally flat hips may be built out, and the appearance of the wearer may be improved to a marked extent.

I claim as my invention:

1. In a trousers supporting device adapted to be worn beneath the outer shirt, a belt supported from the shoulders and trouser supporting pads attached to the outside of the belt, one over each hip, when the device is in use.

2. In a trousers supporting device, a waist belt adapted to be worn immediately below the normal trouser waist line, said belt having attached thereto hip pads, the upper edges of said pads forming supporting shoulders for the belt of the trousers.

3. In a trousers supporting device adapted to be worn under the outer shirt, a waist belt adapted to be worn immediately below the normal trouser waist line, said belt having attached thereto hip pads, the upper edges of said pads forming supporting shoulders for the belt of the trousers.

In testimony that I claim the foregoing as my invention I affix my signature in the presence of two witnesses, this 14 day of April, A. D. 1919.

HARRY G. AINSWORTH.

Witnesses:
WARREN T. MCCRAY,
W. E. TOWERS.