Feb. 27, 1923. 1,446,948.

J. W. TAYLOR.

TROUSERS SUPPORTER.

FILED AUG. 4, 1921.

FIG. 1.



FIG. 2.

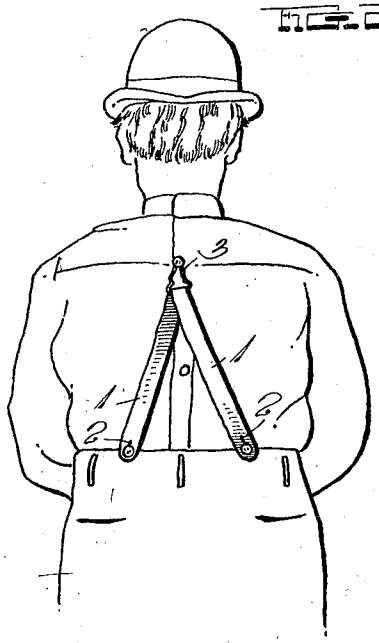


FIG. 3.

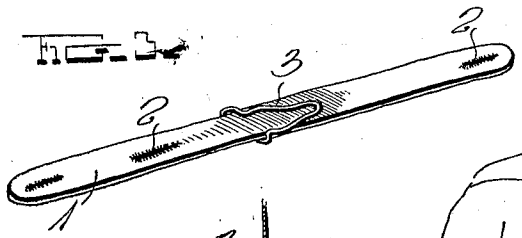


FIG. 4.

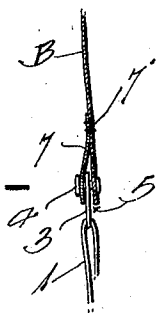
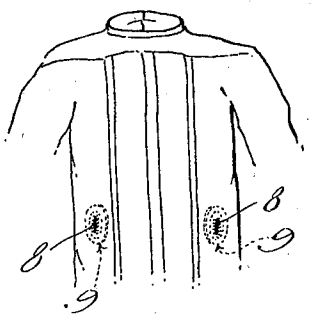


FIG. 5.



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Patented Feb. 27, 1923. 1,446,948

UNITED STATES PATENT OFFICE.

JAMES W. TAYLOR, OF NASH COUNTY, NEAR ROCKY MOUNT, NORTH CAROLINA.

TROUSERS SUPPORTER.

Application filed August 4, 1921. Serial No. 489,344.

To all whom it may concern:

Be it known that I, JAMES W. TAYLOR, a citizen of the United States, residing in Nash County, near Rocky Mount, in the county of Edgecombe and State of North Carolina, have invented certain new and useful Improvements in Trousers Supporters; and I do declare the following to be a full, clear, and exact description of the invention such as will enable others skilled in the art to which it appertains, to make and use the same.

This invention relates to improvements in devices for supporting men's trousers and it has for its principal object to devise novel and simple means for accomplishing this end which will permit suspenders to be entirely dispensed with, the improved devices being such in construction that they not only serve to properly support the trousers, but also serve to hold the shirt down and prevent it from becoming displaced.

Another and very important object of the invention is to provide trousers supporters which are such that they can be used with shirts of different classes without injuring the latter, it being my idea to equip the shirt with detachable buttons so as not to interfere with washing and ironing of the shirt.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same;

Figure 1 is a view showing the front supporters in use.

Figure 2 is a view showing the rear supporter applied.

Figure 3 is an enlarged detail perspective view of one of the supporters.

Figure 4 is an enlarged detail sectional view taken substantially on the plane of the line 4—4 of Fig. 1, showing the manner of equipping the shirt for attachment of the button.

Figure 5 is a front elevational view of a slightly different style of shirt provided with reinforced button holes to enable my improved supporters to be used in connection therewith.

In carrying out the invention, I simply employ for the front supporters, a pair of relatively short elastic straps 1 which are provided near their opposite ends with reinforced button-holes 2. Any number of button-holes may be provided to permit the device to be adjusted for raising and lowering the trousers to the desired height. It is understood that the button-holes are designed to be engaged with the usual front suspender buttons with which trousers are commonly equipped. A shirt-engaging member 3, preferably in the form of a wire loop of the shape indicated clearly in Fig. 3 is slidably arranged on the strap intermediate the ends of the latter and this member 3 is designed to be engaged with one of the removable buttons 4 carried by the shirt. This leads me to say that different styles of shirts may necessarily have to be constructed slightly different to accomodate my improved supporters. In Fig. 1, I have shown the device in use with a stiff bosom dress-shirt. With this form of shirt, the stiff bosom B is separated from the shirt proper at the point indicated at 5 and these separated portions are formed with button-holes 6 through which one end of the buttons 4 extend. To guard against possible loss or displacement of the buttons 4, I prefer to make use of separate tabs 7 and I stitch these at 7′ to the separated portions of the bosom and provide them with button-holes through which the opposite ends of the buttons extend. When in use, the restricted portion of the loop 3 is engaged with the intermediate portion of the shank of the button as clearly indicated in Fig. 4 and by making use of the construction recited, there is less liability of the button holes being torn and little or no chance of the buttons becoming lost. In addition to employing the two front supporters, I make use of a supporter for the back of the trousers and by referring to Fig. 2, it will be seen that this supporter is a duplicate of the ones already described, with the exception that the elastic strap is considerably longer than the strap employed for the front fasteners. Therefore, the same reference characters will apply to this supporter. With the type of shirt under consideration, it will be seen that it is not necessary to employ any special buttons for connection of the loop of the back fasteners since the existing shirt button will suffice.

It has been before indicated that in order to permit effective use of the improved supporters, it may be necessary to slightly re-

model the shirts. In Fig. 5, I have disclosed an ordinary workingman's shirt similar to those worn by most men of today. To permit use of the improved supporters with shirts of this class, it will be seen that it will be necessary to form button-holes 8 on opposite sides of the overlapped or meeting ends of the shirt and I may suggest that separate pieces of material 9 be stitched to the inner side of the shirt to prevent possible tearing of the button-holes. In addition to the two front button-holes, it will be necessary to provide one in the back of the shirt for attachment of the part 3 of the rear supporter.

The manner of using the improved supporters is doubtless apparent after considering the description and drawings. For this reason, it is not thought necessary to go into further detail regarding the use of the invention, since the description already written will enable persons skilled in this art to obtain a clear understanding of the invention.

Since probably the best results may be obtained with the construction and arrangement herein shown and described, this is taken as the preferred embodiment of the invention. However, I wish it to be understood that minor changes coming within the scope of the invention as claimed may be resorted to if desired.

I claim:

1. The combination with a stiff-bosom shirt having buttons and button-holes on its rear side for connecting the meeting edges together; of a pair of other buttons detachably connected to the bosom of the shirt near the lower portion thereof, a pair of short elastic straps having button-holes near their ends adapted to be engaged with the usual front suspender-button on a pair of trousers, loops arranged on the intermediate portions of said short straps, said loops being adapted to be engaged with the aforesaid detachable buttons on said bosom, an additional strap of a greater length than the aforesaid straps, and a loop on the intermediate portion of said additional strap for connection to one of the buttons on the rear side of said shirt.

2. In combination, a stiff bosom dress-shirt, the bosom of said shirt being formed near its lower edge with button-holes, tabs stitched to the inner side of said bosom, being equipped with button-holes designed to register with the first named button-holes, buttons removably arranged in said button-holes, trouser supporters including straps detachably engaged with the usual suspender buttons on the trousers, said supporters including loops slidably arranged on the straps, said loops being designed to be engaged with the shanks of the aforesaid buttons, between the tabs and bosom, whereby there will be less liability of the button-holes becoming torn.

In testimony whereof I have hereunto set my hand.

JAMES W. TAYLOR.