

(No Model.)

E. J. TOURNÉ.
SUSPENDERS.

No. 453,796.

Patented June 9, 1891.

Fig. 1.

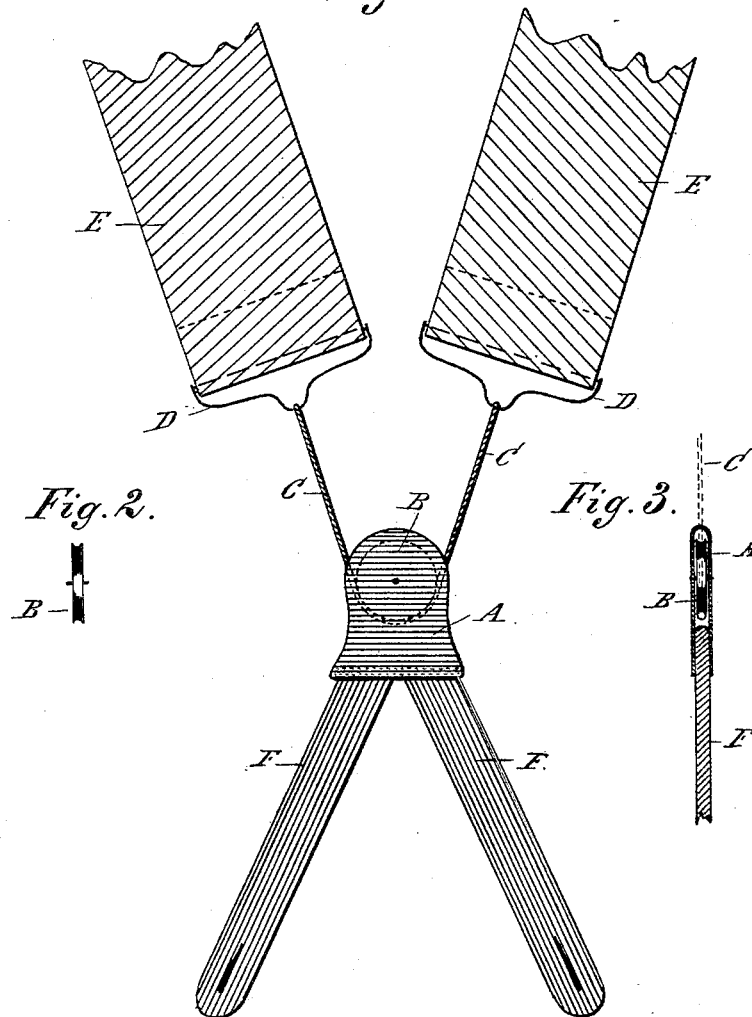


Fig. 2.

Fig. 3.

WITNESSES

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UNITED STATES PATENT OFFICE.

EUGÈNE J. TOURNÉ, OF NEW ORLEANS, LOUISIANA, ASSIGNOR OF SEVEN-EIGHTHS TO THOMAS H. HANDY, OF SAME PLACE.

SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 453,796, dated June 9, 1891.

Application filed August 13, 1890. Serial No. 361,920. (No model.)

To all whom it may concern:

Be it known that I, EUGÈNE JEROME TOURNÉ, a citizen of the United States, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented certain new and useful Improvements in a Device for Suspenders; 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.

My invention relates to an improvement in a device for suspenders, and its novelty will be fully understood from the following description and claim when taken in connection with the annexed drawings; and the objects of my invention are to give comfort to the wearer in any position in which the body may be placed when in an erect or inclined attitude. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a sectional rear view. Fig. 2 is an end view of roller. Fig. 3 is a sectional side view showing plate with roller in position.

Similar letters refer to similar parts throughout the several views.

A indicates a looped plate or housing for the friction-roller presently to be described, which housing is of the approximate form shown, and is designed to receive the button-tabs F between its lower edges, thus affording a strong and durable connection at this point, whereby the objectionable breaking so often experienced is obviated.

Journaled in the upper portion of the housing A is the friction-roller B, which is provided with a peripheral groove, as shown, to receive the cord or chain C, which connects the button-tab section with the shoulder-straps. The ends of the play-cord C are attached in a suitable manner to depending bails D, the upper bars of which rest in loops afforded at the rear ends of the shoulder-straps E.

In practice the tabs F are attached to but-

tons on rear portion of pants in the usual manner, and the tabs on opposite ends of shoulder-straps E (which are not shown) to buttons on front portion of pants. When the suspenders are thus attached, should it be desired to raise the arm or move the body the cord C, resting upon the face of the roller or pulley, moves in the direction of the inclination of the body, thus avoiding all friction or unpleasantness, as the shoulder-straps E are made to yield to pressure by means of cord or chain C, moving upon roller or pulley. Thus it will be seen that any motion of the body or limbs will alter the level of the shoulder and cause the cord C to run in the groove upon the face of roller or pulley B, giving free play to the straps E by any alteration of the level of the shoulders.

I am aware that I am not the first to provide a friction-roller connected to the upper portion of button-tabs, around which plays a cord which has its ends attached to the shoulder-straps, and therefore do not claim such, broadly.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

In a pair of suspenders, substantially as described, the combination of the button-tabs, the looped plate or housing bent upon itself and adapted to receive the upper portion of the button-tabs between its lower edges, whereby a strong and durable connection is effected, the friction-roller journaled in said housing, and the play-cord passing beneath and bearing on the periphery of said roller and connected at its ends to bails D, secured in the loops at the ends of the shoulder-straps, all adapted to operate substantially as and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

EUGÈNE J. TOURNÉ.

Witnesses:

HELMUTH HOLTZ,
PERCY D. PARKS.