W. C. JONES.

GARMENT SUPPORTER.

APPLICATION FILED MAR. 22, 1909.

1,046,798. Patented Dec. 10, 1912.

Fig. 1.

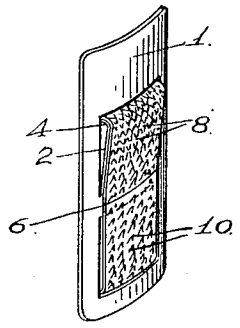


Fig. 2.

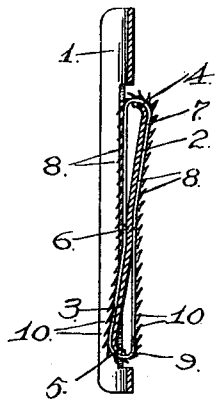
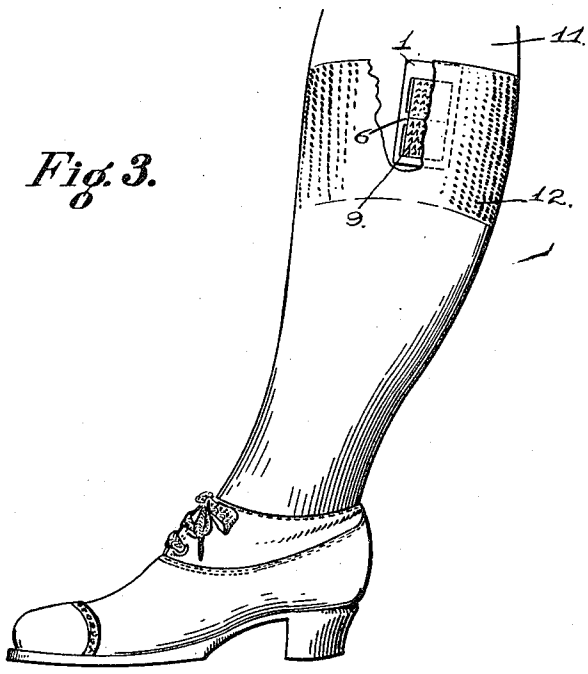


Fig. 3.



WITNESSES.

Arthur L. Slee.

Calvin V. Milam.

INVENTOR.

Warren C. Jones

by W. A. Acker

his atty.

UNITED STATES PATENT OFFICE.

WARREN C. JONES, OF SAN FRANCISCO, CALIFORNIA.

GARMENT-SUPPORTER.

1,046,798. Specification of Letters Patent. Patented Dec. 10, 1912.

Application filed March 22, 1909. Serial No. 484,915.

To all whom it may concern:

Be it known that I, WARREN C. JONES, a citizen of the United States, residing in the city and county of San Francisco and State of California, have invented certain new and useful Improvements in Garment-Supporters, of which the following is a specification.

The present invention relates to an improved supporter for the securing and holding of hose in position relative to the wearer thereof, the supporter being free of the buttons, clasps, cords, and elastic connections usually employed in the construction of devices of such class; the object being the production of a simple and effective supporter, capable of being quickly and easily attached to and detached from the person of the wearer, the supporter being invisible while in use and eliminating pressure on the wearer thereof.

To comprehend the invention, reference should be had to the accompanying sheet of drawings, wherein—

Figure 1 is a perspective view of the supporter. Fig. 2 is an enlarged detail vertical sectional view. Fig. 3 is a view illustrating the application of the supporter to the person, the upper portion of the hose being broken away so as to disclose the position of the supporter relative to the hose and the undergarment.

In the drawings, the numeral 1 is used to indicate a base plate, preferably formed of metal, which, in the present case, is formed with a plurality of pressure tongues 2—3, the free end of tongue 2 being turned inwardly to form a flange 4, while the free end of the tongue 3 is outwardly turned to form a projecting flange 5. These said tongues stand at opposite inclinations relative to the base plate 1, one tongue projecting above and the opposite tongue below the surface of the said base plate. The tongues 2—3, in the present case, are stamped from and form a portion of the base plate 1, each springing from the central portion 6 of the said plate.

Over the tongue 2 is secured a layer 7 of shark-skin, the arrangement being such that the projecting spines 8 of the layer will stand at an upward inclination on the outer face of the tongue 2, while the spines 8 of the skin covering the inner face of the tongue 2 will stand at a downward inclination. The ends of the layer 7 of shark-skin are united in any suitable manner to the central portion 6 of the base plate 1. Similarly, the tongue 3 is covered with a layer 9 of shark-skin, the spines 10 of the section of the layer 9 covering the outer face of the tongue 3 standing at an upward inclination thereto, while the spines 10 of that section of the layer 9 covering the inner face of the tongue 3 will stand at a downward inclination thereto. It will thus be seen that the tongues are provided upon both faces thereof with projecting spines, the spines of the adjacent faces of said tongues on each side of the device extending in the same direction and the spines on the opposite faces of said tongues extending in the opposite directions, so that all of the spines upon one side of the device extend in one direction and all of the spines on the other side of the device extend in the other direction. The free ends of the layer 9 of the shark-skin which covers the projecting tongue 3, are secured in any suitable manner to the central portion 6 of the base plate. The said layers 7 and 9 thus form loops or engaging tongues, so to speak, the respective faces of which are held separated by means of the metallic spring tongues 2—3, which serve to hold the same at opposite inclinations to the plane of the face plate 1.

When the supporter is applied to the person of the wearer for the supporting of the hose, the base plate 1 is inserted between the undergarment 11 and the inner surface of the hose 12, Fig. 3 of the drawings, the inner and outer spine surfaces of the shark-skin layers being pressed into engagement with the fabric of the undergarment 11 and the hose 12 by a slight pressure of the hand being exerted on the outer surface of the hose 12 immediately over the inserted base plate 1. As thus secured in place by the engagement of the oppositely inclined spines of the layers 7 and 9 covering the projecting spring tongues 2—3 with the fabric of the undergarment 11 and hose 12, it is impossible for the supporting or base plate 1 to give materially in either direction, inasmuch as the downward inclination of the spines on the inner surface of the layers 7—9 engage the fabric of the undergarment 11 to prevent downward movement or play thereof, while the upward inclination of the spines on the outer surface of the layers 7—9 engage with the fabric of the hose 12 to prevent the upward movement or slippage of the said base plate. Inasmuch as the frictional strains placed onto the sup-

porter are in opposite directions relative to the surfaces of the supporting or base plate 1, the said plate by reason of the oppositely inclined arrangement of the spines of the layers 7—9 of shark-skin engaging with the opposing surfaces of the garments or wearing apparel between which the same is interposed, will be secured in its adjusted position, and the hose 12 held to the undergarment 11.

While the spring tongues 2—3 are preferably employed for holding apart or separated the engaging surfaces of the loops or tongues formed by the layers 7—9 of shark-skin, still such tongues may be omitted if so desired and the tongues or loops of shark-skin used alone. However, the pressure of such spring tongues for maintaining separated the loops of shark-skin insures the spines of the skin being held into engagement with the fabric of the garments, and the retention thereof is advised.

Having thus described the invention, what is claimed as new and desired to be protected by Letters Patent is—

1. A hose supporter comprising a base plate for insertion between the hose and undergarment, a pair of oppositely directed tongues extending from said base plate, the inner ends of said tongues being adjacent to each other and extending from substantially the same portion of the base plate and the free ends thereof projecting beyond the planes of the inner and outer surfaces of the base plate, the outer surface of the tongue projecting outwardly from the base plate and the inner surface of the tongue projecting inwardly from the base plate being provided with a plurality of projecting spurs, the spurs on said tongues extending in opposite directions.

2. A hose supporter comprising a base plate for insertion between the hose and undergarment, a tongue extending upwardly from the central portion of the base plate and outwardly therefrom, a tongue extending downwardly from the central portion of the base plate and inwardly therefrom, a loop of shark skin secured over the free ends of said tongues and overlying the opposite surfaces thereof, the spines on the opposite faces of said tongues extending in opposite directions.

3. In a hose supporter, a base plate, a pair of oppositely inclined metallic tongues, projecting from the opposite sides of the base plate, each of said tongues terminating at its free end in a flange extending inwardly toward the body of the plate, and a loop of shark's skin secured over the end of each of said tongues and upon the opposite surfaces thereof, the spines of adjacent faces of said tongues extending in the same direction and the spines of the opposite faces of said tongues extending in opposite directions.

4. A hose supporter comprising a base plate for insertion between the hose and undergarment, a tongue extending upwardly from the central portion of the base plate and outwardly therefrom, a tongue extending downwardly from the central portion of the base plate and inwardly therefrom, said tongues being provided on their opposite faces with gripping surfaces, the gripping surfaces of each face of each of said tongues being positioned beyond the plane of the adjacent surface of the base plate.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WARREN C. JONES.

Witnesses:
N. A. ACKER,
D. B. RICHARDS.