

H. C. HINE.
GARMENT SUPPORTER.
APPLICATION FILED SEPT. 2, 1909.

955,837.

Patented Apr. 19, 1910.

Fig. 1.

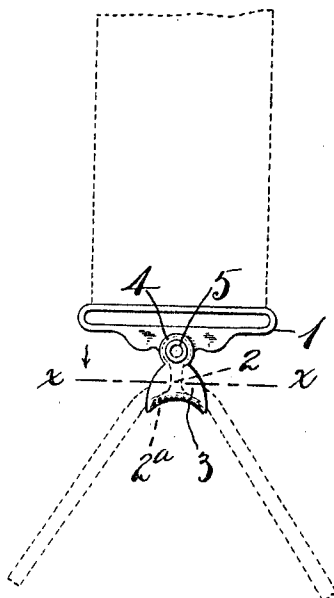


Fig. 2.

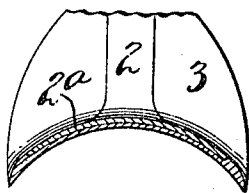


Fig. 3.

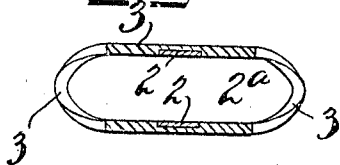
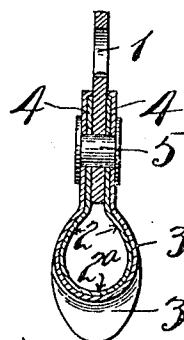


Fig. 4.



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UNITED STATES PATENT OFFICE.

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GARMENT-SUPPORTER.

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To all whom it may concern:

Be it known that I, HENRY C. HINE, a citizen of the United States, residing at New Britain, county of Hartford, State of Connecticut, have invented certain new and useful Improvements in Garment-Supporters, of which the following is a full, clear, and exact description.

My invention relates to improvements in garment supporters, and particularly to suspender devices therefor.

In the drawings Figure 1 is a front elevation. Fig. 2 is a relatively enlarged detail view partly in section. Fig. 3 is a horizontal section on the plane of the line X—X, Fig. 1, looking down, and relatively enlarged. Fig. 4 is a vertical cross section of Fig. 1, relatively enlarged.

The purpose of the invention is to improve the construction of a swivel tube bearing for a garment-supporting cord, which improvement provides a composite tube formed partially of metal and partially of non-corrosive material, such as, for example, celluloid, said non-corrosive material being located externally whereby danger of discoloration of the body or the clothes of the wearer is prevented. The metallic portion serves to reinforce the tube and provides at once a smooth metallic track for the cord at the point where the greatest wear and strain occurs.

1 represents a frame such as used for a suspender. The tube comprises the metallic strap portion 2 provided by preference with a flanged curved bearing 2^a and a non-metallic non-corrosive sheath or envelop 3,

in which the strap 2 and cord bearing 2^a is embedded so as to lie flush therewith to avoid danger of abrasion of the cord arranged to pass through the tube. The upper part of the tube is provided with ear-like flanges 4—4, the metallic part of the tube being included in these ears. 5 is a rivet passing through said ears 4—4 and securing the same to the frame 1 in such a manner as to permit said tube to swivel. A tube thus formed will possess substantially the strength of an all-metal tube and yet will have none of the disadvantages thereof first referred to.

What I claim is:

1. In a garment supporter, a frame, a composite bearing tube pivotally connected thereto, said bearing tube comprising an external portion of non-corrosive non-metallic material, and an internal portion of metal embedded in said non-corrosive non-metallic material, the lower inner part of said tube constituting a smooth and unbroken cord bearing.

2. In a garment supporter, a frame, a composite bearing tube pivotally connected thereto, said bearing tube comprising an internal portion of metal and an external portion of non-corrosive non-metallic material, the metallic portion furnishing a bearing track for a cord, the metallic track portion of the tube being internally flush with the adjacent non-metallic portion.

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