

J. C. LEE.
HOSE SUPPORTER.
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1,065,374.

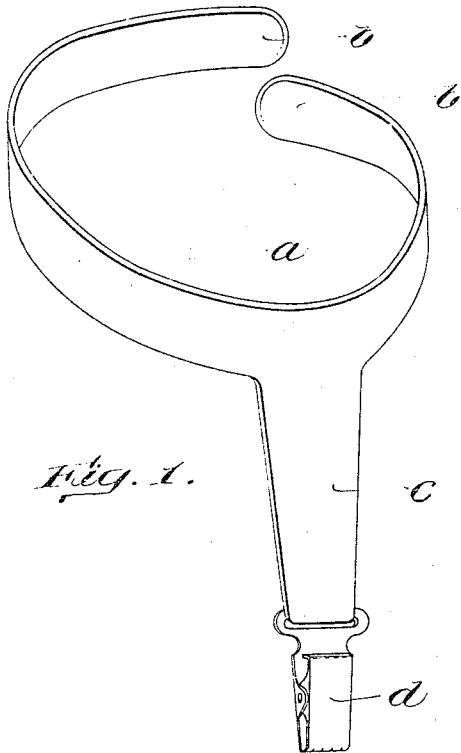


Fig. 1.

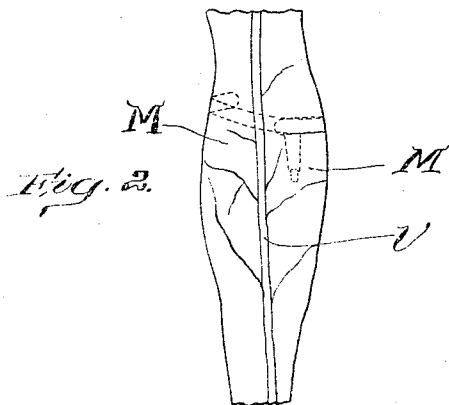


Fig. 2.

Witnesses:

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UNITED STATES PATENT OFFICE.

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HOSE-SUPPORTER.

1,035,374.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN C. LEE, a citizen of the United States, residing at Brookline, in the county of Norfolk and State of Massachusetts, have invented new and useful Improvements in Hose-Supporters, of which the following is a specification.

My invention is a hose supporter of the type that grasps the leg of the wearer to sustain its burden, so constructed as, while firmly supporting the hose, not to press upon any part of the leg where pressure is disadvantageous, but, upon the contrary, constructed to throw the gripping pressure upon those parts where such pressure is harmless.

In the drawings: Figure 1 shows a front view in perspective of the device, out of operation; Fig. 2 shows the device in use, from the rear, the view showing the wearer's leg, with certain anatomical details indicated.

My hose supporter is designed to avoid pressure on the external saphenous vein and nerve and to obtain the necessary support, without any injurious pressure, by concentrating all supporting pressure upon parts where such pressure is firmly resisted and without any harmful or inconvenient results. To this end I preferably form a band of resilient material, which may be shaped as indicated in the drawings, and preferably of clock spring-steel, suitably covered with leather or textile fabric and carrying a dependent portion to engage the upper end of the sock or short hose. This band is preferably of such length that its ends, when in use, do not meet at the back of the leg, but leave a considerable gap thereat, each end resting, in action, upon the great gastrocnemius muscle, which is a powerful, su-

perficial muscular mass which forms the greater part of the calf of the leg. These veins and muscles are indicated in the drawings, the saphenous vein being indicated by the letter V and the gastrocnemius muscle by the letter M.

In operation the resilient band *a* is sprung open and placed upon the leg as shown in Fig. 2, each of its engaging ends *b* resting, as shown, over the muscular fiber, the great saphenous vein and nerve being unpressed. The depending link member *c* may be of any suitable construction and carries at its lower end a suitable engaging grip or button *d* to engage the upper edge of the sock.

The device is especially suitable for summer use, at which time many men wear only knee length drawers and find that the ordinary hose supporter of the endless ring type, when tight enough to retain its position on the bare flesh, cuts into the upper back part of the calf of the leg to an uncomfortable and damaging extent.

I claim:—

A hose supporter comprising a curved band made of a single strip of thin resilient metal disconnected at its ends adapted to partly embrace the leg in such manner that the said ends will be spaced apart in the median line at the back of the leg, a depending finger integral with the band adapted to lie against one side of the median line of the leg at the front, and a gripping member connected to the free end of said depending finger.

Signed by me at Boston, Mass., this 5th day of June, 1911.

JOHN C. LEE.

Witnesses:

ANNA B. LINDSAY,
JOSEPH T. BRENNAN