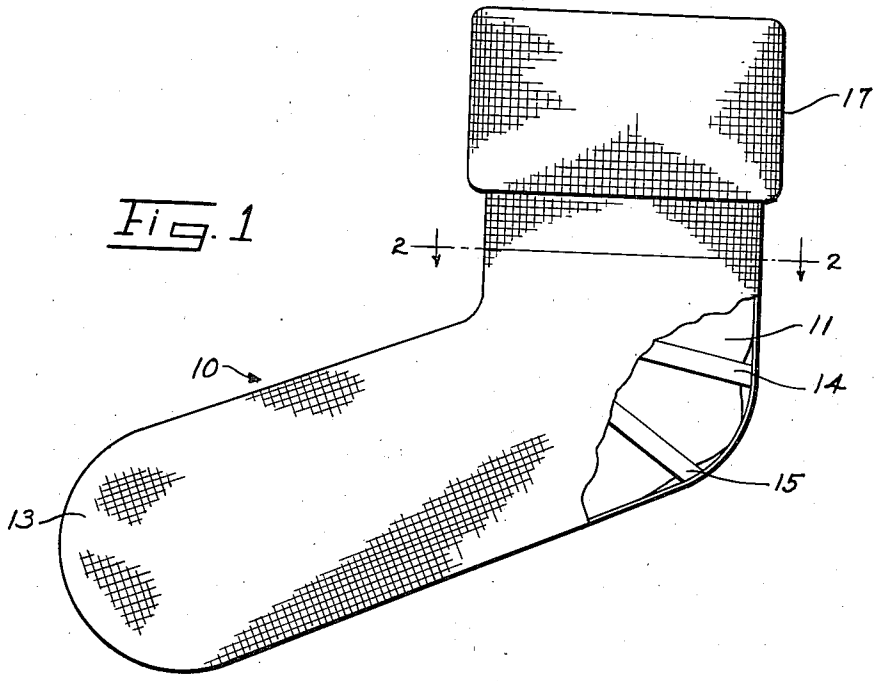
Aug. 25, 1942. E. C. CRAIG ET AL 2,293,714

SOCK

Filed Feb. 17, 1941

Fig. 1



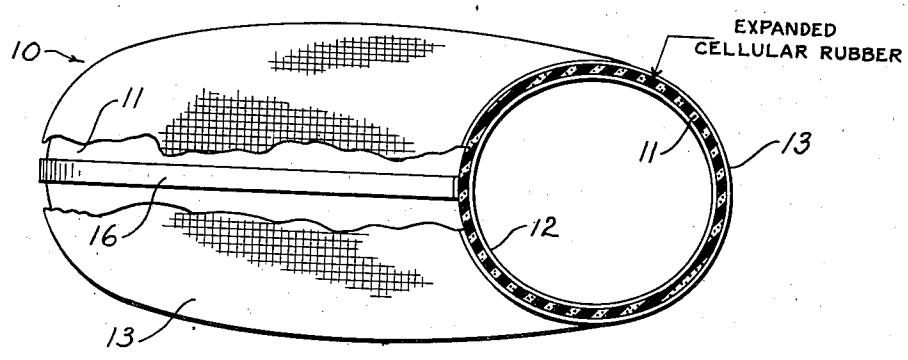


Fig. 2

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SOCK

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Application February 17, 1941, Serial No. 379,373

1 Claim. (Cl. 2—239)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

This invention relates to a sock, and has for an object to provide an improved sock, stocking or shoe insert which is primarily designed to give warmth to the foot through the use of a flexible, light, soft, waterproof material which cushions the foot and prevents moisture from entering the inside thereof.

A further object of this invention is to provide a shoe or boot insert made of a material having the foregoing characteristics, one of such materials being expanded cellular rubber.

Still a further object of this invention is to provide a shoe or sock insert which, while waterproof and being preferably of expanded cellular rubber, does not place any of the rubber in actual contact with the foot or the shoe.

With the foregoing and other objects in view, the invention consists in the construction, combination and arrangement of parts hereinafter described and illustrated in the drawing, in which,

Fig. 1 is an elevational, partly broken away view of the sock or shoe insert of this invention; and

Fig. 2 is a sectional view on line 2—2 of Fig. 1, partly broken away.

There is shown at 10 the sock or shoe insert of this invention, consisting principally of an interlining 11, an inner lining 12, and an outer covering 13. The interlining 12 will preferably be of flannel or similar perspiration absorbing material, while the outer lining 13 may be of any suitable cloth or knit material. The interlining 11 is of a soft, light, flexible, waterproof material such as expended cellular rubber, being preferably of one piece, properly cut away and shaped, and having the joints secured together by vulcanizing strips 14 and 15 about the heel and at 16 along the front. By thus cutting away the cellular rubber forming the interlining 11 it is possible to make this interlining of a flat sheet of material, thereby eliminating the necessity for numerous molds, one for each desired size. The top of the sock that is formed may be turned down in use by the wearer, as shown at 17, especially when used with a low shoe or loose fitting boot.

As thus formed, the stock is warm, light and flexible, and provides a cushioning effect for the foot of the wearer. Due to the waterproof qualities of the interlining, moisture cannot enter the inside thereof, and perspiration from the foot being absorbed by the flannel inner lining.

Other modifications and changes in the number and arrangement of the parts may be made by those skilled in the art without departing from the nature of this invention, within the scope of what is hereinafter claimed.

The invention described herein may be manufactured and/or used by or for the Government of the United States of America for governmental purposes without the payment of any royalties thereon or therefor.

Having thus set forth and disclosed the nature of this invention, what is claimed is:

A sock having foot, heel and leg portions, said sock comprising an interlining of soft, light, flexible, waterproof material, an inner lining of perspiration absorbent flannel material, an outer lining of knit material, said interlining comprising a single piece of cellular expanded rubber, said sock being shaped to fit about the heel by having the appropriate cuts, the edges of the cuts forming joints, the edges at said joints being secured together by vulcanizing strips.

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