F. W. SAVAGE.

EXCLUDER FOR ELASTIC SOCKS.

APPLICATION FILED SEPT. 21, 1909.

942,671. Patented Dec. 7, 1909.

Fig. 1.

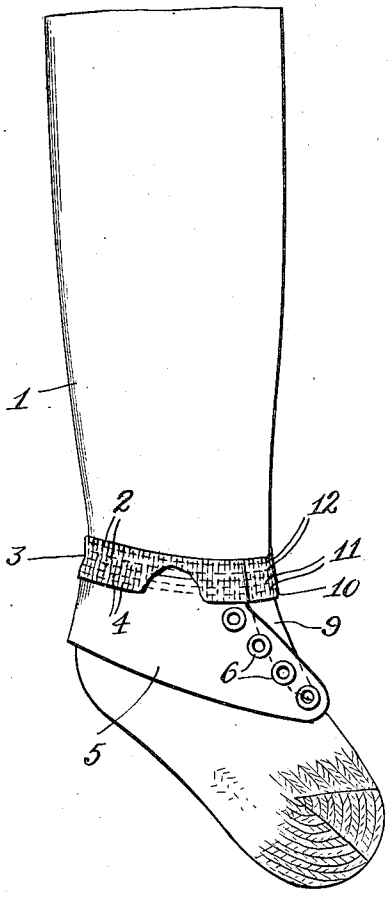
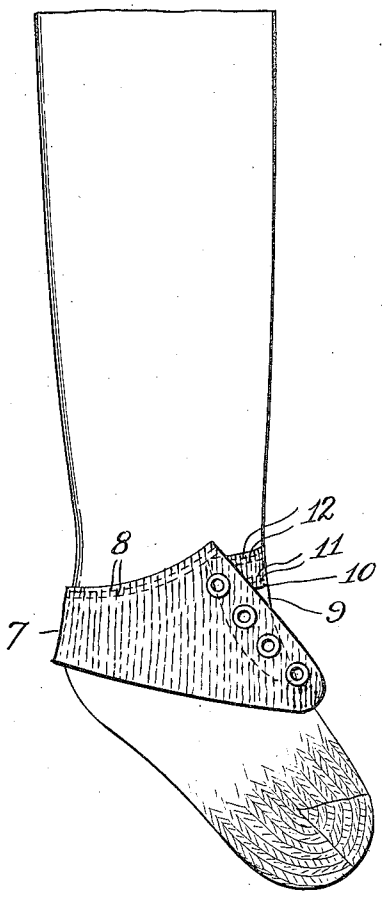


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

FREDERIC W. SAVAGE, OF GRANVILLE, NEW YORK.

EXCLUDER FOR ELASTIC SOCKS.

942,671. Specification of Letters Patent. Patented Dec. 7, 1909.

Application filed September 21, 1909. Serial No. 518,803.

To all whom it may concern:

Be it known that I, FREDERIC W. SAVAGE, a citizen of the United States, residing at Granville, in the county of Washington, State of New York, have invented new and useful Improvements in Excluders for Elastic Socks, of which the following is a specification.

My invention relates to knitted or other elastic socks used with overshoes, and has for its object to provide an excluder therefor which will be so fashioned or arranged thereon as not to interfere with the insertion and removal of the foot of the wearer.

Heretofore great difficulty has been found in adapting an excluder to an elastic sock for the reason that the inelastic character of said excluder precluded any lateral yielding of the sock at the ankle, and thus offered a serious obstacle to the insertion of the foot of the wearer into the sock. This objection I have overcome in the manner and by the means hereinafter described and claimed, reference being had to the accompanying drawing, in which:

Figure 1 is a perspective view of an elastic sock with my improved excluder applied thereto. Fig. 2 is a similar view of a slightly modified construction.

Referring to Fig. 1, the reference numeral 1 denotes a knitted elastic sock of the usual construction, to which is attached at the ankle portion, by one or more lines of stitching 2, a narrow band 3 of elastic material, preferably a rubber interior with a fabric covering. Attached to the depending free edge of said band 3, by one or more lines of stitching 4, is an excluder 5 which may be formed of any suitable inelastic waterproof material. Said excluder is split at its front and is preferably provided in its meeting edges with a series of eyelets 6, in a manner similar to the eyelets shown in the excluder disclosed in an application filed by me of even date herewith, Serial No. 518,804, and for a similar use in connection with the eyeleted flaps of an overshoe.

By this construction the inelastic excluder 5 not being directly connected to the sock 1 will offer no resistance to a lateral yield of the latter to accommodate the foot of the wearer when inserted thereinto, the elastic band 3 yielding readily with the fabric of the sock to permit the passage of the foot.

In Fig. 2 I have shown a slightly modified construction, wherein the strip 3 is dispensed with, and an excluder 7 itself formed of elastic but waterproof material is united to said sock 1 through one or more lines of stitching 8. With this construction the excluder 7 will readily yield laterally with the fabric of the sock to permit the passage of the foot of the wearer.

In both of these constructions I prefer to employ a depending tongue 9 united to a strip 10 by one or more lines of stitching 11, which is in turn united to the sock by one or more lines of stitching 12 as shown, though said tongue 9 may be united directly to the sock by the stitching 12.

In the construction shown in Fig. 2 I prefer to shape the excluder 8 wider at its front than at its rear, so that when sewed to position its rear portion will be somewhat lower than its front portion, as shown, whereby the ready passage of the foot of the wearer into and out of the sock will be further aided, as the toe of the foot will pass below the point of junction of the excluder with the sock before the heel reaches the same, as will be readily understood.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. In combination with an elastic sock, an excluder attached to the ankle portion of said sock, the portion of the excluder adjacent the line of attachment being elastic to yield laterally with said sock.

2. The combination with an elastic sock, and an excluder of water-proof material attached thereto at the ankle portion, of a band of elastic material forming the means of attachment between said excluder and sock.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

FREDERIC W. SAVAGE.

Witnesses:

EDWIN L. YEWELL,

PERCY B. HILLS.