F. W. SAVAGE.

EXCLUDER FOR FELT AND KNITTED BOOTS AND SOCKS.

APPLICATION FILED SEPT. 21, 1909.

942,672. Patented Dec. 7, 1909

Fig. 1.

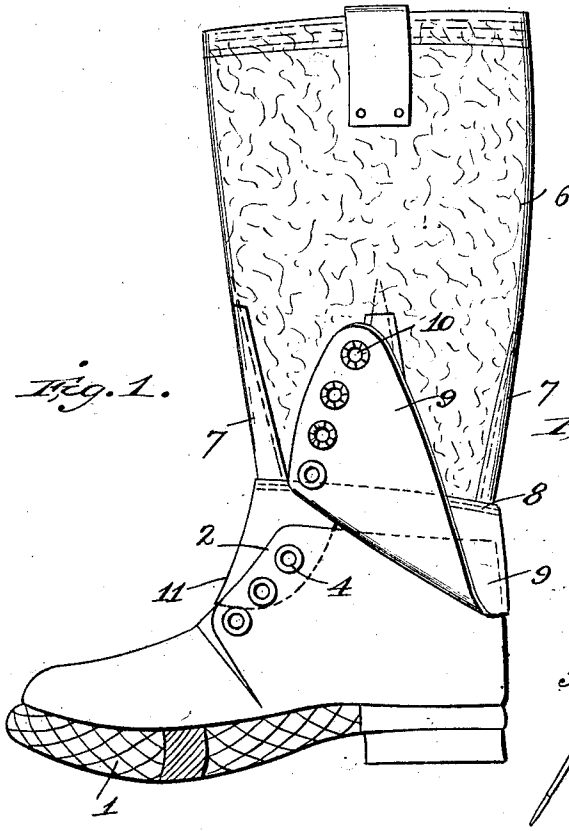


Fig. 2.

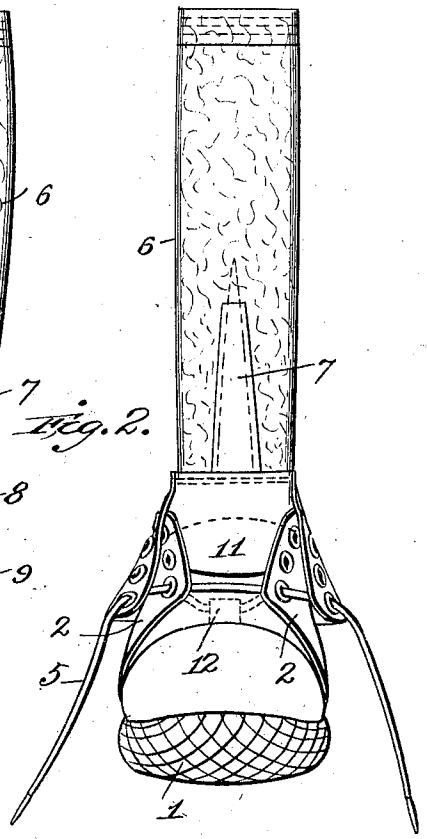
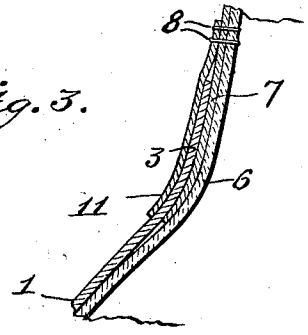


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

FREDERIC W. SAVAGE, OF GRANVILLE, NEW YORK.

EXCLUDER FOR FELT AND KNITTED BOOTS AND SOCKS.

942,672. Specification of Letters Patent. Patented Dec. 7, 1909.

Application filed September 21, 1909. Serial No. 518,304.

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 Felt and Knitted Boots or Socks, of which the following is a specification.

My invention relates to felt or knitted boots or socks, and more particularly to the means employed therewith, in connection with overshoes, for excluding from said overshoes snow, slush, mud and dirt, and has for its object to provide an excluder fixed to the boot or sock and adapted when laced in operative position to be firmly united to said overshoe whereby independent movement of said boot or sock, and consequent unnecessary wear thereof, will be effectually prevented.

In the accompanying drawing: Figure 1 is a side elevation of a felt boot inserted into a rubber overshoe and with my improved construction of excluder attached thereto. Fig. 2 is a front elevation of the same. Fig. 3 is a detail vertical sectional view of the front portion of said boot and overshoe.

In the said drawing the reference numeral 1 denotes a rubber overshoe of well known construction and embodying a Blucher top 2 and a tongue 3, the meeting edges of said Blucher top 2 being provided with a series of eyelets 4 to receive a lacing 5.

The felt or knitted fabric boot or sock 6 is of the usual construction, and has permanently sewed thereon a series of wear strips 7 of leather or other suitable material. Attached to said boot or sock at the ankle portion by one or more lines of stitching 8, is an excluder 9 of any suitable waterproof material, said excluder having its front edges provided with a series of eyelets 10 adapted, when said boot or sock is in position in the overshoe 1, to substantially register with the eyelets 4 in the latter. I also preferably employ a depending tongue 11 sewed to the boot or sock 6 by the line or lines of stitching 8, said tongue when the parts are in position overlying the tongue 3 of the overshoe 1, as best seen in Fig. 3.

In practice the boot or sock 6 is inserted in the overshoe 1 in the usual manner with the tongue 11 of the boot or sock overlying the tongue 3 of the overshoe but underlying the flaps of the Blucher top 2. I then prefer to conjointly lace the Blucher top 2 and the edges of the excluder 9 by cross lacing in the usual manner, whereby the parts will be snugly brought together over the tongues 3 and 11 and a very effective closure provided. I have shown in each edge of the Blucher top a series of three eyelets 4 and in each edge of the excluder 9 a series of four eyelets 10, so that the eyelets 4 may be first laced together with their registering eyelets 10, the upper pair of eyelets 10 being then laced separately and the lacing 5 then tied in the usual manner. By this conjoint lacing of the Blucher top and the excluder I form a connection between the two which will effectually prevent any movement of the boot or sock 6 within the overshoe 1 and will thus reduce the wear on the former to a minimum.

If desired the Blucher top may be first laced separately and the lacing then carried through the uppermost of the eyelets 10 in the excluder 9 and laced downward through the rest of said eyelets 10, which will also unite the boot or sock 6 and overshoe 1 so as to prevent independent movement.

It will be apparent that by lacing the edges of the excluder 9 I am enables to effect a very snug fit of the lower edge of said excluder over the overshoe 1 and one which will readily accommodate itself to various sizes of overshoes. And the boot or sock 6 provided with my improved excluder may be used with other forms of overshoes not provided with eyelets.

While I prefer to employ the tongue 11 in the manner shown and described, the same may, is desired, be entirely dispensed with.

In Fig. 2 I have shown in dotted lines a looped tab 12 which is employed in certain well known makes of overshoes to initially receive the lacing 5, as shown.

While I have illustrated my improved construction in connection with a felt boot 6, it will be understood that the same is equally applicable to a knitted or fabric sock such as are commonly used with overshoes, and in using the term "boot" in the claims the same will be understood to include said knitted or fabric socks.

With my improved construction used in connection with a felt boot the overshoe once positioned and laced thereon need not

be afterward removed, as the wearer can readily insert and remove his foot without disturbing the overshoe.

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

1. The combination with an overshoe having flaps adapted to be united at their front, of a boot within said overshoe, a depending excluder fixed to said boot and overlying the upper edge of said overshoe, and means for conjointly fastening the edges of said flaps and the edges of said excluder to restrain relative movement.

2. The combination with an overshoe having the meeting edges of its flaps provided with a series of eyelets, of a boot within said overshoe, a depending excluder fixed to said boot and overlying the upper edge of said overshoe and having its meeting edges provided with eyelets registering with the eyelets in said flaps, and a lacing conjointly fastening and lacing said flaps and excluder to restrain relative movement.

3. The combination with an overshoe having flaps and an upwardly projecting tongue, of a boot within said overshoe, a depending excluder fixed to said boot and overlying the upper edge of the overshoe, a depending tongue on said boot overlying said overshoe tongue but underlying the flaps thereof, and means for uniting the meeting edges of said flaps and said excluder.

4. The combination with an overshoe having the meeting edges of its flaps provided with series of eyelets and having an upwardly projecting tongue, of a boot within said overshoe, a depending excluder fixed to said boot and overlying the upper edge of the overshoe and having its meeting edges provided with eyelets registering with the eyelets in said flaps, a depending tongue on said boot overlying said overshoe tongue but underlying the flaps thereof, and a lacing conjointly uniting and lacing said flaps and excluder.

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.