

March 1, 1949.

A. A. MOORE

2,463,296

LAMINATED INNER SHOE PROTECTOR

Original Filed May 17, 1944

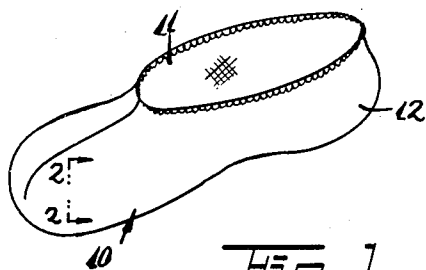


Fig. 1.



Fig. 2.

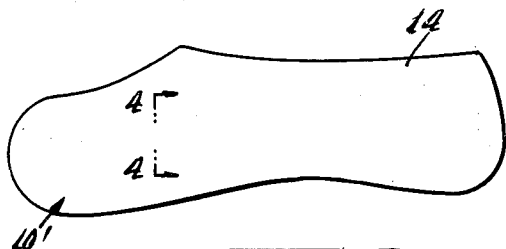


Fig. 3.

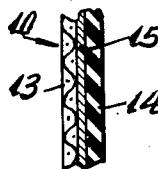


Fig. 4.

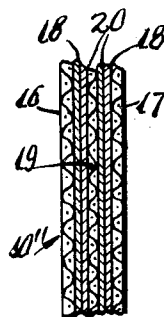


Fig. 5.

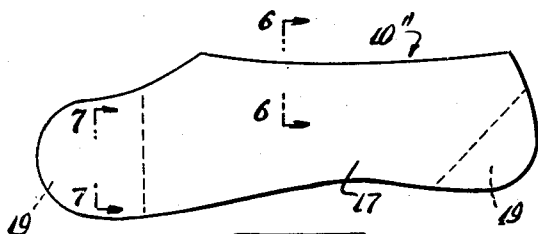


Fig. 6.

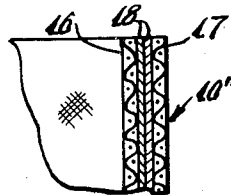


Fig. 7.

INVENTOR.

Augustine A. Moore

BY

John H. Polach

ATTORNEY

UNITED STATES PATENT OFFICE

2,463,296

LAMINATED INNER SHOE PROTECTOR

Augustine A. Moore, Hempstead, N. Y.

Substituted for abandoned application Serial No. 535,916, May 17, 1944. This application January 14, 1948, Serial No. 2,181

1 Claim. (Cl. 36—10)

1

This invention relates to new and useful improvements in an inner shoe protector.

This is a substitute for my previous application filed on May 17, 1944, Serial No. 535,916, now abandoned.

More specifically, the invention proposes the construction of an inner shoe protector characterized by a reinforced waterproof material. This reinforced foot protector is adapted to be worn upon the foot and be inserted into one's shoes in a manner to protect the wearer's feet against the moisture of inclement weather.

In one form of the invention it is proposed to characterize the construction of the inner shoe protector by a reinforced cloth material with a layer of rubber vulcanized directly to the outside face thereof in a manner to waterproof the reinforced foot protector.

Still another object of the invention proposes characterizing a shoe protector formed of separate layers of cloth material, and waterproof material adhesively connected together.

It is a further object of this invention to provide reinforcement pieces between the adhesively secured layers in a manner to permit the position of the reinforcement pieces to be shifted in a separated condition of the layers of the foot protector to reinforce portions thereof when desired.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claim in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 is a perspective view of an inner shoe protector constructed in accordance with this invention.

Fig. 2 is a partial enlarged vertical sectional view taken on the line 2—2 of Fig. 1.

Fig. 3 is a side elevational view of a modified shoe protector constructed in accordance with this invention.

Fig. 4 is an enlarged partial vertical sectional view taken on the line 4—4 of Fig. 3.

Fig. 5 is a view similar to Fig. 3 but illustrating a still further modification of the invention.

Fig. 6 is an enlarged partial vertical sectional view taken on the line 6—6 of Fig. 5.

Fig. 7 is an enlarged partial vertical sectional view taken on the line 7—7 of Fig. 5.

The inner shoe protector, according to this invention, includes a reinforced foot protector

2

10 made of waterproof material. The material from which the foot protector 10 is made, as shown in Fig. 2, includes a cloth inner base 11 which has a layer of rubber material 12 vulcanized directly upon the outside face thereof.

The reinforced foot protector is adapted to be engaged upon one's foot and thereafter the foot and the protector are inserted into one's shoes in a manner to protect the feet against moisture during inclement weather.

In the modification of the invention, shown in Figs. 3 and 4, reinforced foot protector 10' is characterized by a layer of cloth material 13 and a separate outside layer of rubber 14. These layers 13 and 14 are securely attached together by the application of a layer of adhesive material 15 between the adjacent faces thereof.

In the modification of the invention, shown in Figs. 5 to 7 the shoe protector 10'' is characterized by an inner layer of cloth material 16 and an outer layer of cloth material 17. The adjacent faces of the cloth layer 16 and 17 are secured together by tacky material 18. The tacky material 18 of the waterproof pressure type which tends to secure itself when pressed together but which will permit the layers 16 and 17 to be separated when desired.

Reinforcement pieces 19 are provided within the heel and toe of the foot protector 10''. The reinforcement pieces 19 are normally disposed between the layers 16 and 17 and are provided on each of their faces with tacky material 20, similar to the tacky material 18, and which is adapted to be engaged by the tacky material 18 for securely holding these reinforcement pieces 19 fixedly in position.

Normally, the reinforcement pieces 19 will be disposed within the heel and toe of the inner shoe protector, but when it is desired to shift their location to reinforce portions of the inner shoe or to prevent leaks at specific areas, the layers 16 and 17 may be pulled apart, freeing the reinforcement pieces 19 to be shifted. When the reinforcement pieces 19 reach their desired location, the layers 16 and 17 may then be pressed together to reengage the tacky material 18 and 20 and secure the reinforcement pieces in their adjusted positions.

In other respects this form of the invention is similar to that previously shown and like reference numerals identify like parts in each of the several views.

It is to be understood that my foot protector may be made of any suitable water repellent material with or without trimming.

3

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claim.

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

An inner shoe protector comprising an inner stocking, a tacky layer on the outer face of said

4

inner stocking, an outer stocking, a tacky layer on the inner face of said outer stocking, a reinforcement between said layers, and a tacky layer on either side of said reinforcement whereby it is secured in position between said layers and may be shifted to any desired position, said tacky layers securing said stockings together and said reinforcement to said stockings.

AUGUSTINE A. MOORE.

5

10

No references cited.