

No. 656,862.

Patented Aug. 28, 1900.

M. STRAUSSBERG.
CORN SHIELD.

(Application filed May 12, 1900.)

(No Model.)



Fig. 1.

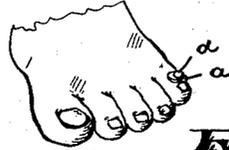


Fig. 2.

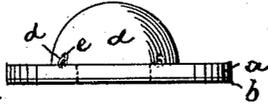


Fig. 3.

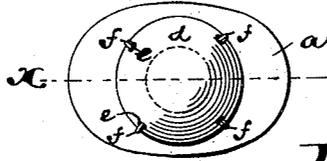


Fig. 4.

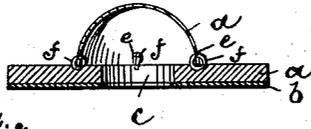


Fig. 5.

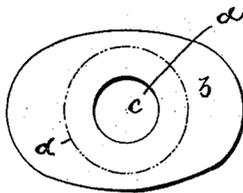


Fig. 6.

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UNITED STATES PATENT OFFICE.

MARCUS STRAUSSBERG, OF NEWARK, NEW JERSEY.

CORN-SHIELD.

SPECIFICATION forming part of Letters Patent No. 656,862, dated August 28, 1900.

Application filed May 12, 1900. Serial No. 16,447. (No model.)

To all whom it may concern:

Be it known that I, MARCUS STRAUSSBERG, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Corn Shields or Protectors; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The object of this invention is to secure a more perfect and durable protection to corns, bunions, and similar formations upon the feet, whereby they will be relieved of the pressure of the boot or shoe and discomfort will be avoided, and said corns, &c., will soften by natural causes or be otherwise cured and the use of medical or chemical agencies be rendered unnecessary.

The invention consists in the improved protector for corns, bunions, and the like and in the arrangements and combinations of parts of the same, all substantially as will be hereinafter set forth, and finally embraced in the claim.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several views, Figure 1 is a perspective view of the improved protector. Fig. 2 is a view of the same applied to the foot. Fig. 3 is an elevation. Fig. 4 is a plan. Fig. 5 is a section taken on line *x* of Fig. 4, and Fig. 6 is a reverse plan showing the side adapted to be applied to the foot.

In said drawings, *a* indicates a flat piece of soft and heavy felt or similar textile fabric of wool, cotton, or similar elastic or cushion-like fiber. This is cut from a large sheet of such fabric by a suitable tool or cutter and may be of any shape and size suited to the conditions under which the protector is to be used. At the center the said piece *a* is provided with a large perforation *c*, the edge of which extends around the corn or other tender part. The under side of the said piece *a* is provided with a layer *b* of mucilaginous or adhesive matter, by means of which the said piece can be quickly applied to the foot. At the opposite side of said piece from the adhesive matter is fastened a concavo-convex shell *d*, some-

what larger in plan than the perforation *c*, the edges of said shell lying back from the edge of the perforation, so that an inward extension *g* of the soft cushion-like piece is adapted to bend upward or extend a little into the concavity of the shell, and thus conform to the foot and relieve the latter of any severity of pressure of the edge of the shell. The said shell *d* is of rigid material, preferably of metal, and aluminium is particularly suited to the purpose. It is perforated at several points about its periphery, as at *e*, and at said perforations is sewed to the flat sheet, the stitching being indicated at *f*. The shell, arching the perforations and sore or tender part, serves to fully protect the same from pressure, so that inflammation soon subsides, and the soreness is cured by natural action, no medicament or the like being necessarily employed; but the shell may serve as a receptacle for such medicament and because of its imporosity prevents said medicament from being absorbed by the stocking or quickly evaporating should it be a fluid. The edges of the rigid metal shell are imposed upon the outer side of the cushion-like felt or fiber or the side opposite the mucilaginous layer, as before indicated, and thus said rigid edge is prevented from contact with the flesh around about the corn or bunion, and the consequent injury and discomfort to the already tender and sore part is avoided.

By merely wetting the gummed side of the protector the same may be applied and caused to adhere to the foot and immediately serves the purposes above stated.

Having thus described the invention, what I claim as new is—

The improved corn-protector, comprising a perforated piece of felt, having adhesive matter on one side and on the opposite side having a rigid concavo-convex piece, the edge of the latter extending around the perforation and bearing on the felt on the side opposite the adhesive matter and means for fastening the edges down on the face of said felt, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 10th day of April, 1900.

MARCUS STRAUSSBERG.

Witnesses:

CHARLES H. PELL,
C. B. PITNEY.