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1,516,425

A. DVILNSKY

INNERSOLE AND METHOD OF MAKING SAME

Filed Nov. 26, 1923

Fig. 1.

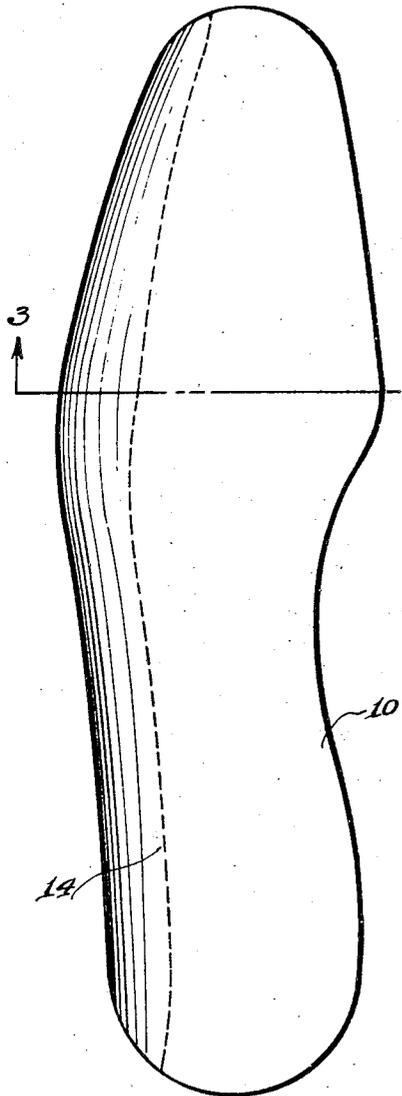


Fig. 2.

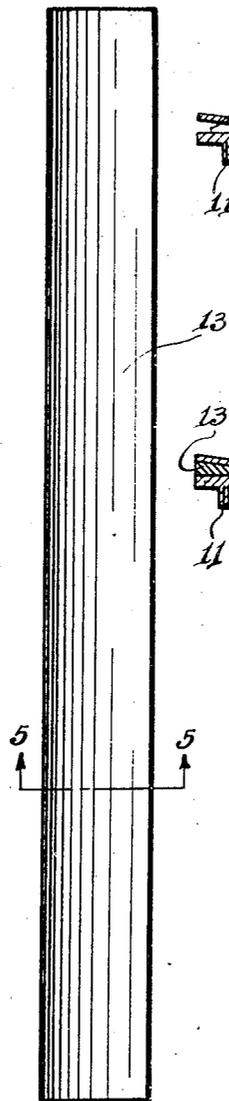


Fig. 4.

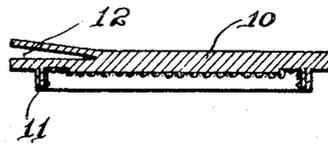


Fig. 3.

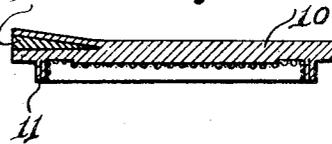


Fig. 5.



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INNERSOLE AND METHOD OF MAKING SAME.

Application filed November 26, 1923. Serial No. 676,976.

To all whom it may concern:

Be it known that I, ABRAHAM DVILNSKY, a citizen of the United States, residing at Brockton, in the county of Plymouth and the State of Massachusetts, have invented certain new and useful Improvements in Innersoles and Methods of Making Same, of which the following is a specification.

This invention relates to inner soles for shoes and has for its main object the provision of an inner sole so constructed as to obviate certain disadvantages present in ordinary shoes. The tendency, in the case of ordinary shoes, is for the foot to move outwardly in the shoe to thereby bring the weight of the wearer on the outer portion of the sole and causes that portion of the sole and heel to wear out more quickly than the inner portion as well as to distort the shape of the shoe and, by crowding the foot against the inner surface of the upper, to hurt the foot. My invention obviates these disadvantages by raising the outer part of the inner sole to thereby prevent the foot from slipping outwardly. More particularly, the invention comprises an inner sole having a wedge-shaped member inserted within a channel cut in the outer edge of the inner sole and extending from toe to heel. This wedge-shaped member raises the outer portion of the inner sole and causes the weight of the wearer to be supported equally for the full width of the innersole and consequently the sole and heel wear equally and give longer life to the shoe and causes the shoe to retain its shape.

With this object in view I have provided the innersole that will presently be described, reference being had to the accompanying drawing forming a part of this specification.

In the drawings,

Fig. 1 is a top plan view of the innersole embodying my invention;

Fig. 2 is a plan view of the wedge-shaped member;

Fig. 3 is a cross section on the line 3—3 of Fig. 1;

Fig. 4 is a view similar to Fig. 3 but showing the wedge-shaped member removed;

Fig. 5 is a section on the line 5—5 of Fig. 2.

Referring to the drawings in detail, the reference character 10 designates the inner-sole having the usual lip 11 for securing the

innersole to the usual welt and upper following the usual practice in the manufacture of welt shoes. At a point above the lip 11 there is cut a channel 12, shown more clearly in Fig. 4, to receive the wedge-shaped member 13 in position therein as clearly shown by Fig. 3. As illustrated by the dotted line 14 in Fig. 1, the wedge shaped member extends for the full length of the inner sole, from toe to heel at one side of a median line through the inner sole. The outer edge of the wedge shaped member conforms, of course to the shape of the outer side of the innersole. The wedge shaped member may be secured in place within the channel by any suitable adhesive or cement used in the shoe manufacturing art.

The method of making my new and improved innersole is as follows: Before or after the innersole has been channeled to provide the lip in the usual manner, the channel 12 is cut in the outer side of the innersole, the wedge-shaped member is inserted within the channel and secured in place by an adhesive, and then the wedge is shaped to conform to the shape of the innersole. Finally, the lip 11 may be formed in the usual manner.

From the foregoing it is apparent that I have provided a simple and convenient means for raising the outer part of the innersole in order to accomplish the objects of my invention. The method, as outlined above, is also exceedingly simple. The innersole, as thus provided, accomplishes the object of raising the outer end of the innersole when finally positioned in the shoe without in any way affecting the other shoe manufacturing operations. While I have shown the innersole provided with a lip for use in welt shoes and while my invention is of great importance in that it permits of the raising of the outer part of the innersole without affecting the construction of the feather or its attachment to the shoe upper and welt, it is to be understood that my invention may be applied to other innersoles as well and with obvious beneficial results.

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

1. As a new article of manufacture, an innersole having a channel cut in its outer side at one side of the longitudinal median

line extending from toe to heel and a wedge shaped member secured in said channel for the full length thereof.

2. As a new article of manufacture, an
5 innersole provided with a lip and having a channel cut in its outer side above said lip and at one side of a median line extending from toe to heel, and a wedge shaped member secured in said channel for the full
10 length thereof.

3. A process for making innersoles which consists in channeling the innersoles for forming lips, cutting the innersoles in the sides thereof at one side of the median line of the innersoles and above the channeling, 15 inserting a wedge in the innersole and securing the wedge in place.

In testimony whereof I hereunto affix my signature.

ABRAHAM DVILNSKY.