Jan. 24, 1961 M. E. LANDAU 2,969,062

ADHESIVE PROTECTIVE PADS

Filed Aug. 10, 1955

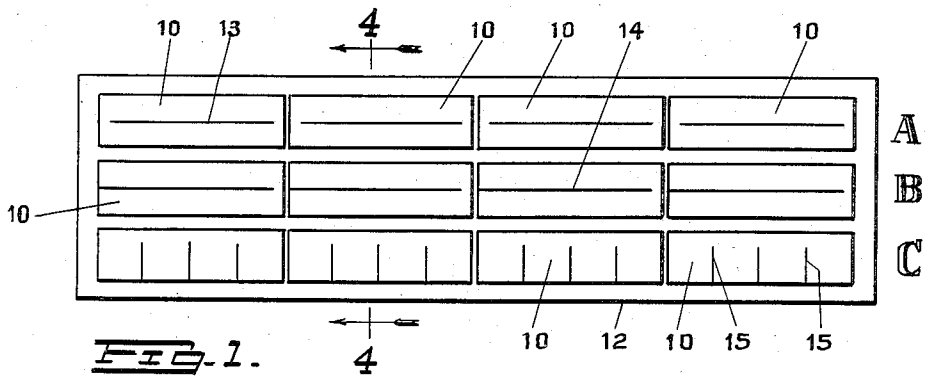

Fig. 1.

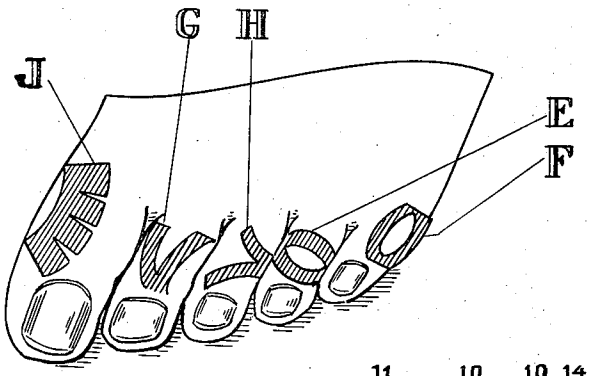

Fig. 3.

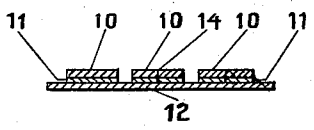

Fig. 4.

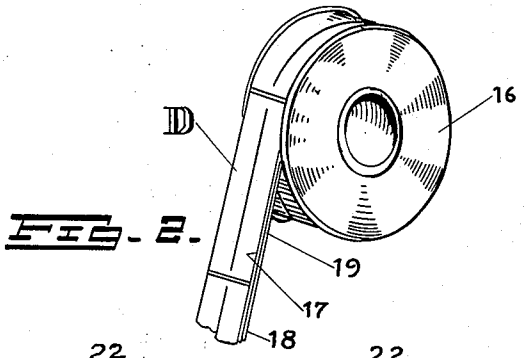

Fig. 2.

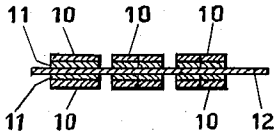

Fig. 5.

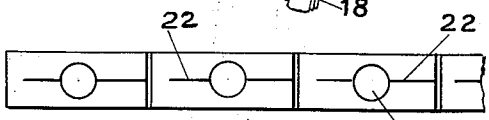

Fig. 6.

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ADHESIVE PROTECTIVE PADS

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1 Claim. (Cl. 128—153)

This invention relates to adhesive protective pads and while not limited thereto has particular reference to adhesive type corn pads for use on the toes and feet to relieve pressure and friction from shoes.

The invention comprehends adhesive protective pads which permit the user to change the shape thereof into a variety of different shapes by hand for convenient application when needed to meet varied requirements and to thus overcome the frequent inconveniences experienced with the usual pads used to protect corns and the like.

The invention comprehends adhesive protective pads which are slitted to permit of the spreading apart by hand of portions of the pad if desired to provide other shapes to suit requirements at time of use.

The invention also comprehends adhesive protective pads in strip formation which may be dispensed in convenient envelope packages holding several short strips so as to permit the user to form pads of desired shape by hand without using cutting tools. Long continuous strips of pads may also be put up in roll form for general professional and chiropodist use so as to permit forming different shapes and thus eliminate cutting out required shapes of protective pads by hand.

Another object of the invention is to provide adhesive protective pads mounted on impervious backing like sheet plastic to minimize exposure to the air to preserve the adhesive substance, and said pads may be removably affixed to both sides of said backing.

With the foregoing and other objects in view, reference is now made to the following specification and accompanying drawings in which the preferred embodiment of the invention is illustrated.

In the drawings:

Fig. 1 is a plan view of a plurality of adhesive pads in strip arrangement constructed in accordance with the invention.

Fig. 2 is a perspective view of a single roll of adhesive pads constructed in accordance with the invention and arranged on a spool.

Fig. 3 is a perspective view showing the pads in Fig. 1 after being shaped and applied to the toes of the foot if desired.

Fig. 4 is a cross-sectional view taken approximately on line 4—4 of Fig. 1.

Fig. 5 is a view similar to Fig. 4 showing the pads affixed to both sides of the backing.

Fig. 6 is a plan view of a plurality of conventional punched out adhesive pads in strip arrangement and with slits embodying the invention.

Referring to the drawings several protective pads are illustrated each of which is slitted in such a manner that portions of the pad may be spread apart by hand to provide pads of various shapes. The various shapes of pads which may thus be produced when needed differentiates the present construction from the conventional protective pads which are pre-shaped to a particular formation and are not intended to be varied in formation.

In the embodiment illustrated in Figs. 1 and 4 of the drawings three variations of pads A, B and C are shown. The pads A, B and C each consist of flexible material **10** such as woven fabric, felt, gauze, compressed cotton wadding, synthetic material, rubber, leather and the like which may receive an undercoating of a slow drying adhesive **11** and detachably affixed to a backing sheet **12**.

In the pad A, Fig. 1, each pad **10** is provided with a slit **13** extending longitudinally thereof and terminating in spaced relation from the ends thereof. In the pad B, Fig. 1, each pad **10** is provided with a slit **14** extending longitudinally thereof and which opens through one end thereof with the opposite end of the slit spaced from the adjacent end of the pad. In the pad C, Fig. 1, each pad **10** is provided with a plurality of spaced slits **15** which extend transversely thereof with the slits opening through one of the longitudinal edges thereof and the inner end of the slits being spaced from the opposite longitudinal edge of the pad.

The pads A, B and C may be removably arranged on the backing sheet **12**, as shown in Figs. 1 and 4 of the drawings. By this arrangement individual pads may be removed from the backing sheet as desired without disturbing remaining pads on the sheet. The pads may also be mounted in continuous relation on a spool **16**, as shown in Fig. 2 of the drawings, in which the pad indicated by the reference character D is similar to the pad A in Fig. 1. A plurality of pads may thus be disposed end to end and detachably secured to an elongated backing strip **18** by a slow drying adhesive **19**.

When detached from the backing the pads are adapted to be spread apart by hand to produce various shapes of pads if desired. Thus the pads A in Fig. 1 and D in Fig. 2 may be spread apart to produce the oval ring and circular ring shaped pads E and F shown in Fig. 3 of the drawings, while the pads B in Fig. 1 may be spread apart to produce the shape of pads G and H in Fig. 3 and the pads C in Fig. 1 may be spread apart to produce the shape of pads J in Fig. 3.

The pads **10** and **17** in the several variations are of soft compressible material to provide a cushioning protection. The backing sheet **12**, Fig. 1, and the backing strip **18**, Fig. 2, are of impervious material having characteristics to minimize exposure to air of the adhesive and so preserve the adhesive quality thereof. Thus there are provided protective pads in tape-like strips which may be packaged in short lengths in envelopes and the like or in continuous roll form to provide the user with simple means to effect a variety of shapes to eliminate the troublesome practice of cutting out special shapes of pads each time required for use.

The several types of pads may be detachably affixed to one side of a backing sheet as shown in Fig. 4 of the drawings or to both sides thereof as shown in Fig. 5. The pads may also be provided with a conventional opening **21** and with a slit **22** extending inwardly from one end thereof to permit the user to spread apart opposite portions of the pad so as to widen the opening if required at the time of use.

The various shapes of pads which may be obtained are merely variations and should not be classed as pads of different forms but the principle of introducing slits in the pads to permit the user to change the pad by hand from the shape as purchased and so obtain a different shape more suitable for his purpose constitutes the real basis of the invention and these slits may be varied during fabrication as may be found expedient.

What is claimed is:

An adhesive protective pad comprising a strip of soft material, a flexible backing underlying said strip, a slow drying adhesive removably securing said strip to said backing, and said strip having an opening and slits extending longitudinally thereof from opposite sides of said opening, the slit on one side of said opening extending through one end of the strip and the slit on the other side of said opening terminating in adjacent relation to the opposite end of said strip, thereby bifurcating the said strip.

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