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2,072,683

FINGER POINTER AND NAIL PROTECTOR

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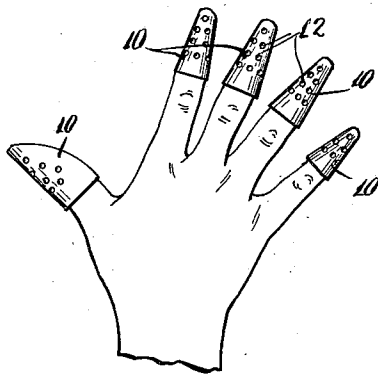


Fig. 1.

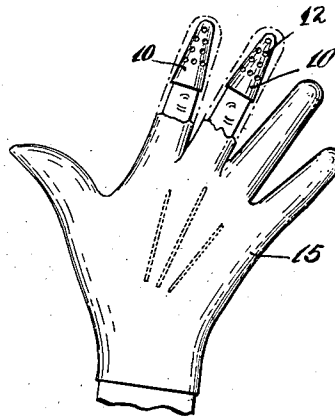


Fig. 2.

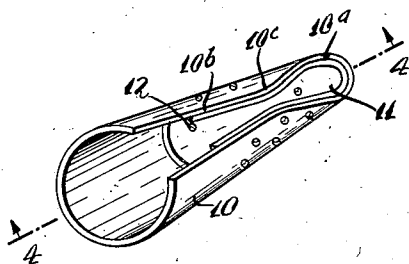


Fig. 3.

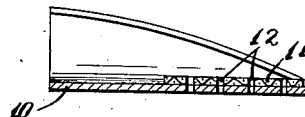


Fig. 4.

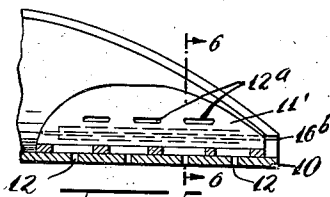


Fig. 5.

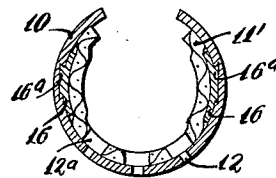


Fig. 6.

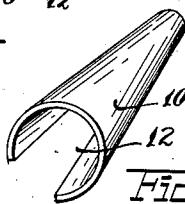


Fig. 7.

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FINGER POINTER AND NAIL PROTECTOR

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4 Claims. (Cl. 128—77)

This invention relates to new and useful improvements in a finger pointer and nail protector.

The invention has for an object the construction of a device as mentioned which is adapted to be placed upon the ends of the fingers for the purpose of pointing the fingers and protecting the nails.

A further object of the invention is the provision of a construction whereby the finger tips are protected from harm while the device is being worn.

As another object of the invention it is proposed to construct a device as mentioned which is characterized by a resilient sheet member of substantially conical shape which is open at the apex end and along one side whereby the member may be engaged upon a finger with the open side on the palm side of the finger so as to provide an unrestricted area of the flesh of the fingers for the circulation of the blood.

A further object of the invention is the association of apertures with the resilient sheet member to provide vent openings through which perspiration may evaporate.

Furthermore, the invention contemplates the provision of a pad upon the inner side of the resilient sheet member, which pad is arranged to protect the fingers from the pressure of the device.

As another object of the invention it is proposed to mount the pad in such a manner that it may be adjusted to various advantageous positions.

Another object of the invention is the construction of a device as mentioned which is simple and durable and which may be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claims 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 the fingers of one's hand shown provided with a device according to this invention.

Fig. 2 shows the same hand with a glove thereon and certain finger portions of the glove broken away to illustrate that the device may be worn beneath gloves.

Fig. 3 is a perspective view of one of the devices.

Fig. 4 is a longitudinal sectional view taken on the line 4—4 of Fig. 3.

Fig. 5 is a view similar to Fig. 4 but illustrating a modification of the invention.

Fig. 6 is a sectional view taken on the line 6—6 of Fig. 5.

Fig. 7 is a top perspective view of one of the devices.

The finger pointer and nail protector, according to this invention, comprises a resilient sheet member 10 of substantially conical shape open at the apex end 10^a and along one side 10^b. The sheet member 10 is formed by coiling a die stamped sheet, or cut sheet, from a blank shape to the shape indicated. At an intermediate area 10^c at the junction of the apex opening and the side opening the material of the sheet member is closest. From this area the edge portions diverge to form the side opening and to form the apex opening.

A pad of felt 11 or of similar material, is cemented or secured in some other manner within the apex portion of the device. A plurality of vent openings 12 extend through the pad 11 and through the apex portion of the member 10. Some of the protectors may be used without any vent openings.

The finger pointer and nail protector is inserted upon one's fingers with the open side towards the palm side of the fingers. In this position the protector extends across the nail and protects the nail from accidentally breaking. Furthermore, because of the conical shape of the protector there is a tendency of forcing the flesh of the finger into a pointed form. The pad 11 serves to release the pressure upon the sides of the finger at the nail areas. Thus, all tendency of the sides of the nail cutting into the flesh is materially reduced or entirely eliminated. The perforations 12 serve as vents through which perspiration and heat may pass.

Fig. 1 shows a picture of each of the fingers of the hand of a person. Fig. 2 shows the same hand provided with a glove to illustrate that the finger points and nail protectors may be worn beneath a glove. Reference numeral 15 indicates the glove.

In Figs. 5 and 6, a modification of the invention is disclosed in which a pad 11' is shown which may be moved to various adjusted positions. The advantages of adjusting the pad are numerous. In the first place, when portions of a pad become worn it may be adjusted to engage different portions thereof against the same portions of the fingers. In the second place, the pad may be adjusted nearer or further from the apex end of the member to adjust the normal

size of the apex member. Thus, it is possible to increase or decrease the size of the device within certain limits. The pad 11' has several strips 16 attached longitudinally thereof and these strips have dove-tailed tongues 16^a which engage in dove-tailed receiving grooves 16^b formed in the material of the member 10. With this arrangement it is possible to adjust the longitudinal position of the pad. Friction is depended upon to maintain the pad in the adjusted position. The pad 11 is formed with longitudinally shaped openings 12^a which align with the perforations 12 in the member 10 so that there is a passage in the various adjusted positions of the pad.

In other respects this form of the invention is identical to the previous form and corresponding parts may be recognized by the same reference numerals. In all respects not specifically mentioned the operation is precisely the same as the prior form.

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

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

1. In a finger pointer and nail protector, a resilient sheet member of substantially conical shape open at the apex end and along one side, whereby the member may be engaged on a finger with the open side on the palm side of the fingers, and a pad adjustably mounted upon the inside

of said member on the apex end including dove-tailed tongues attached on the pad and engaging dove-tailed grooves in said member.

2. In a finger pointer and nail protector, a resilient sheet member of substantially conical shape open at the apex end and along one side, whereby the member may be engaged on a finger with the open side on the palm side of the fingers, and a pad adjustably mounted upon the inside of said member on the apex end including tongue elements attached on said pad and engaging complementary tongue receiving elements in said member, and having elongated openings aligning with openings in said member for providing vent passages in the various adjusted positions of the pad.

3. A finger pointer and nail protector, comprising a resilient sheet member of substantially conical shape open at the apex end and along one side, whereby the member may be engaged on a finger with the open side on the palm side of the fingers, and a pad adjustably mounted upon the inside of said member on the apex end, strips longitudinally attached on said pad and having dove-tailed tongues engaging in dove-tailed grooves formed on the inner wall of said member.

4. A finger pointer and nail protector, comprising a resilient sheet member of substantially conical shape open at the apex end and along one side, whereby the member may be engaged on a finger with the open side on the palm side of the fingers, a pad mounted upon the inside of said member, reinforcement elements on said pad and adapted to frictionally engage the said resilient sheet member to hold said pad in fixed position.

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