Aug. 17, 1926. 1,596,532

F. HAENER

INGROWING TOENAIL APPLIANCE

Filed May 25, 1925

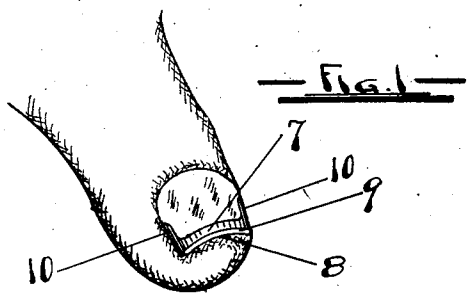


Fig. 1

Fig. 3

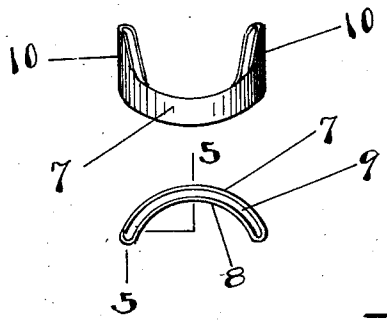


Fig. 2

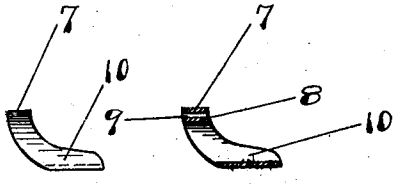


Fig. 4 Fig. 5

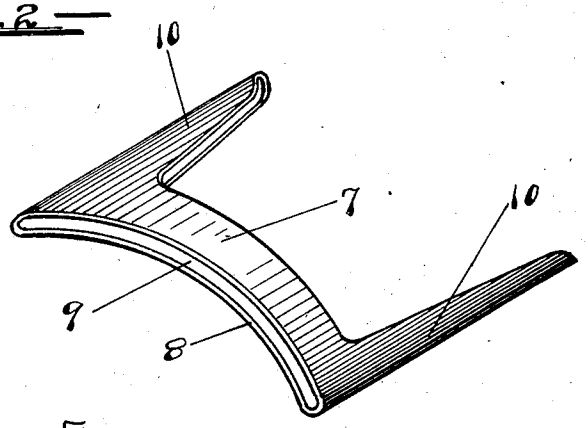


Fig. 6

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UNITED STATES PATENT OFFICE.

FRANK HAENER, OF PORTLAND, OREGON.

INGROWING-TOENAIL APPLIANCE.

Application filed May 25, 1925. Serial No. 32,851.

My invention relates to devices to be applied to ingrowing toenails for the purpose of lifting and guiding the toenail out of the flesh and causing it to grow into a natural and normal form, the object being to provide such a device that is simple and easily applied, comfortably worn, and having no projecting parts to wear the stocking or shoe.

I accomplish the above object by means of the construction illustrated in the accompanying drawing, which is a part of this application for Letters Patent, like characters of reference indicating like parts throughout the several views thereof, and in which:

Fig. 1 is a perspective view of a toe with my device in position thereon.

Fig. 2 is a front elevation of my device.

Fig. 3 is a plan view of the same.

Fig. 4 is a side elevation thereof.

Fig. 5 is a section upon line 5—5 of Fig. 2.

Fig. 6 is a perspective view of my device.

In general my device consists of a double walled guard with portions adapted to lie respectively above and below the nail, and having double walled arms rearwardly extending each adapted to embrace the edge of the nail where it is growing into the flesh at the side thereof.

The device is formed of a strip of thin metal folded upon itself with a space between the adjacent portions, and the whole curved to fit the curvature of the nail. Thus there is an upper portion 7 and a lower portion 8 with a space 9 therebetween, the two portions 7 and 8 being curved so that said space will be suitable to receive therein the toenail, as shown in Fig. 1.

Extending from each end of the portions 7 and 8 are double walled arms, the upper and lower walls whereof are extensions of the upper and lower portions 7 and 8 respectively, as shown in Figs. 3 and 6, designated 10.

In use said arms 10 are placed to embrace the corners of the toenail, and then the device is pushed upon the toenail until said toenail has entered the space 9 between the curved portions 7 and 8. The device is then in place upon the toe as shown in Fig. 1. It thus pushes the flesh adjacent the edges of the toenail away therefrom, and holds the toenail in correct form until it has grown out of the flesh. the device being occasionally pushed further upon the toenail and the latter trimmed as it grows.

My device may be made of any size, and constructed of any materials deemed convenient and suitable for a device of this character, and while I have illustrated and described a form of construction found desirable in materializing my invention, I wish to include in this application all mechanical equivalents and substitutes that may fairly be considered to come within the scope and purview of my invention as defined in the appended claims.

Having disclosed my invention so that others may be enabled to construct and to use the same, what I claim as new, and desire to secure by Letters Patent is:

1. An ingrowing toenail appliance composed of a rigid curved member to contact with the forward end of the toenail and guide the same in proper growth, and rearwardly extending arms upon the ends of said member to receive the side edges of the toenail.

2. In an ingrowing toenail appliance: a curved member comprised of two separate parallel walls of rigid material for receiving the toenail therebetween and guiding the growth thereof; and rearwardly extending arms composed of separate parallel walls adapted to receive the side edges of the toenail therebetween.

In witness whereof I claim the foregoing as my own I hereto affix my signature at Portland, county of Multnomah, State of Oregon, this 28th day of Apr. 1925.

FRANK HAENER.