

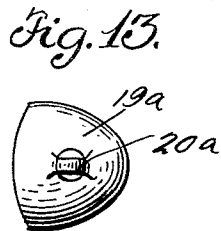
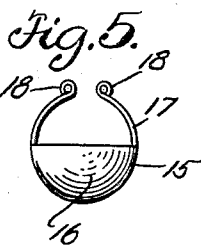
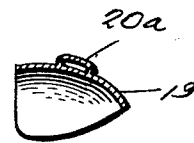
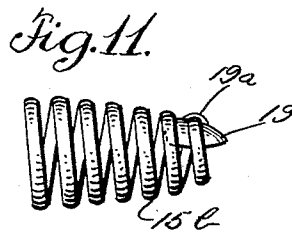
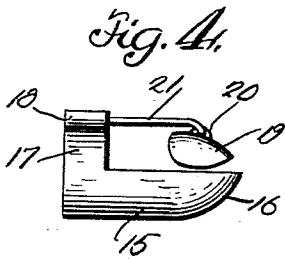
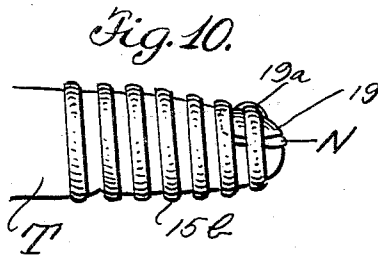
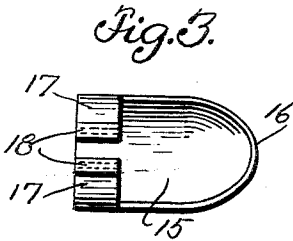
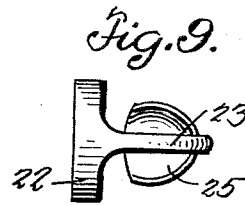
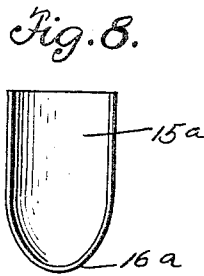
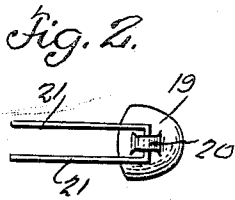
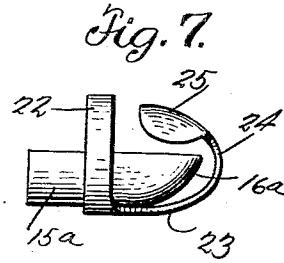
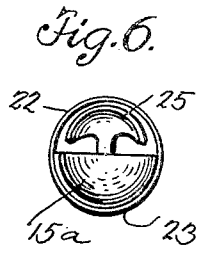
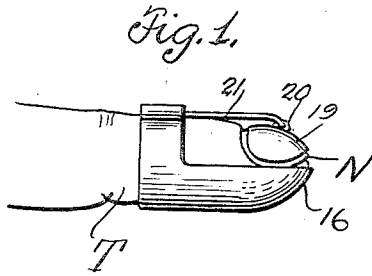
July 11, 1933.

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1,917,794

FINGER TIP AND NAIL SHAPER

Filed Dec. 28, 1931



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334

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UNITED STATES PATENT OFFICE

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FINGER TIP AND NAIL SHAPER

Application filed December 28, 1931. Serial No. 583,553.

This invention relates to a certain new and useful article of manufacture in the nature of a finger tip and nail shaper.

The primary object of the invention is to provide a finger tip and nail shaper adapted to be placed upon the end of a finger in a manner to engage the finger tip and nail for the purpose of shaping the same, the device being preferably worn during sleeping hours during which period the finger nails grow more rapidly and during growth are shaped by the device, the use of the device during such sleeping period offering no inconveniences to the wearer.

A further object of the invention is to provide a finger tip and nail shaper of the foregoing character embodying relatively movable parts that may be adjusted for accommodation upon fingers of different sizes and shapes exchangeable at will to fit each individual finger and to facilitate growth to desired shapes.

With the above and other objects in view that will become apparent as the nature of the invention is better understood, the same consists in the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawing and claimed.

In the drawing:—

Figure 1 is a schematic view of a finger tip with the finger tip and nail shaping devices in place thereon and illustrated in side elevation

Figure 2 is a top plan view of the nail shaping device disengaged from the finger tip shaper;

Figure 3 is a top plan view of the finger tip shaper with the nail shaper removed;

Figure 4 is a side elevational view of the combined finger tip and nail shaper;

Figure 5 is a front end elevational view of the finger tip shaper with the nail shaper removed

Figure 6 is an inner end elevational view of another form of finger tip and nail shaper;

Figure 7 is a side elevational view of the device shown in Figure 6;

Figure 8 is a top plan view of the finger tip shaper with the nail shaper removed;

Figure 9 is a bottom plan view of the nail shaper removed from the finger tip shaper, shown in Figure 7;

Figure 10 is a schematic view showing the finger tip with another form of finger tip and nail shaper in place thereon;

Figure 11 is a side elevational view of the finger tip and nail shaper shown in Figure 10;

Figure 12 is a vertical longitudinal sectional view of the nail shaper shown in Figure 10 and detached from the finger tip shaper;

Figure 13 is a top plan view of the nail shaper shown in Figure 10 detached from the finger tip shaper; and

Figure 14 is an end elevational view of the nail shaper shown in Figure 13.

Referring more in detail to the accompanying drawing, and particularly to Figures 1 to 5, there is illustrated a combined finger tip and nail shaper adapted to be placed upon the finger tip T, the device comprising a finger tip shaper in the form of a channel member 15 open at its inner end to permit insertion of the finger tip while the outer end thereof is closed by an upwardly arched and transversely curved end wall 16, the finger tip being received in the channel member 15 with the end of the finger tip engaged with the curved wall 16, these parts 15 and 16 being so designed or shaped to produce a pleasant shape and curvature in the finger tip T. Each side wall of the channel 15 at its inner end carries an upwardly extending and inwardly arched curved resilient gripping finger 17 with adjacent ends of the two fingers 17 overlying the channel member and spaced from each other, said spaced ends being rolled as at 18 to provide bearings.

The nail shaper comprises an arched plate 19 of a design comparable with the configuration of the finger nail as shown in Figure 1, and is provided upon its upper side with an apertured lug 20 that pivotally receives the closed end of a U-shaped wire frame having side legs 21, the spaced free ends of the legs 21 being respectively introduced into the bearings 18 carried by the spring arms 17. The spring arms 17 grip the finger tip T with

the outer end of the finger tip engaged with the curved wall 16 of the channel member, the nail shaper 19 being engaged with the finger nail N as shown in Figure 1, the tip and nail shaper cooperating for re-shaping the finger tip and nail for the beautification thereof. The legs 21 of the nail shaper are adjustable in the bearings 18 of the finger tip shaper so that the device may be adjusted to finger tips of different sizes. The pivotal mounting of the nail shaper 19 upon the wire frame comprising the legs 21 provides an even distribution of pressure of the nail shaper over the nail N so that no discomfort results from the use of the device.

In the form of invention illustrated in Figures 6 to 9, the finger tip and nail shaper comprises a channel member 15a open at its inner end with the bottom and side walls of the channel member at the outer end upwardly arched and transversely curved as at 16a to provide a shaping abutment for the finger tip. The means for retaining the device upon the finger tip is carried by the nail shaper and includes a ring member 22 slidably mounted upon the channel member 15a with a forwardly directed arm 23 of a resilient character projecting from an edge of the ring 22 with the arm 23 reversely curved as at 24 to overlie the forward end of the channel member 15a and to carry upon its terminal end a nail shaper 25 similar to the nail shaper 19 illustrated in Figures 1 to 5. The finger tip is introduced into the channel member 15a, the latter being retained upon the finger tip by the ring 22, and said ring may be slidably shifted upon the channel member 15a to correctly position the nail shaper 25 relative to the nail of the finger tip, this operation at once being obvious from an inspection of Figure 7. It will be noted that the nail shaper 25 is shiftable relative to the channel member 15a, while the nail shaper 19 illustrated in Figures 1 to 5 is movable relative to the channel member 15.

Another form of the device is illustrated in Figures 10 to 14 wherein the finger tip shaper is in the form of a spiral wire frame 15b, tapering toward one end for producing the desired shape to the finger tips as illustrated by T in Figure 10. The nail shaper 19a is similar in design to the nail shaper 19 shown in Figures 1 to 5 and has an apertured lug 20a rising from the upper wall thereof to receive the forward convolutions of the spiral wire frame 15b as shown in Figures 10 and 11, the nail shaper 19a being pivotally or movably mounted upon the finger tip shaper 15b.

From the above detailed description of the invention, it is believed that the construction and use thereof will at once be apparent, and while there are herein shown and described the preferred embodiments of the invention, it is nevertheless to be understood that minor

changes may be made therein without departing from the spirit and scope of the invention as claimed.

I claim:—

1. In a finger tip and nail shaper, a tip shaper of channel formation open at its inner end with the outer end closed by an arched and curved wall, curved spring arms carried by the channel member for attaching the same to a finger tip and a nail shaper supported by said curved spring arms.

2. In a finger tip and nail shaper, a tip shaper of channel formation open at its inner end with the outer end closed by an arched and curved wall, curved spring arms carried by the channel member for attaching the same to a finger tip and a nail shaper supported by said curved spring arms, the nail shaper support including a U-shaped wire frame having side legs with the free ends detachably and adjustably engaged with the spring arms in spaced relation to the channel member with the nail shaper pivotally supported at the closed end of the wire frame in spaced relation to the spring arms.

3. In a finger tip and nail shaper, a tip shaper of channel formation open at its inner end with the outer end closed by an arched and curved wall, curved spring arms carried by the channel member for attaching the same to a finger tip and a nail shaper supported by said curved spring arms, the nail shaper support including a U-shaped wire frame having side legs with the free ends detachably and adjustably engaged with the spring arms with the nail shaper pivotally supported at the closed end of the wire frame.

4. In a finger tip and nail shaper, a tip shaper of channel formation open at its inner end with the outer end closed by an arched and curved wall, a nail shaper including a ring slidable upon the tip shaper and having a nail engaging member overlying the outer end of the tip shaper.

5. In a finger tip and nail shaper, a tip shaper of channel formation open at its inner end with the outer end closed by an arched and curved wall, a nail shaper including a ring slidable upon the tip shaper and having a nail engaging member overlying the outer end of the tip shaper, and a spring arm connecting the nail engaging member to the ring.

6. In a finger tip and nail shaper, a tip shaper of channel formation open at its upper side and inner end with the outer end closed by an arched and curved wall, a nail shaper removably mounted on the tip shaper and means carried by one of said shapers extending above the open upper side of the finger tip shaper and adapted to overlie a finger tip for mounting the finger tip shaper in position.

In testimony whereof I affix my signature.

HAZEL P. BROWN. 130