Oct. 3, 1950 B. LIPNICKI ET AL 2,524,322

NONSMEAR NAIL POLISH APPLYING DEVICE

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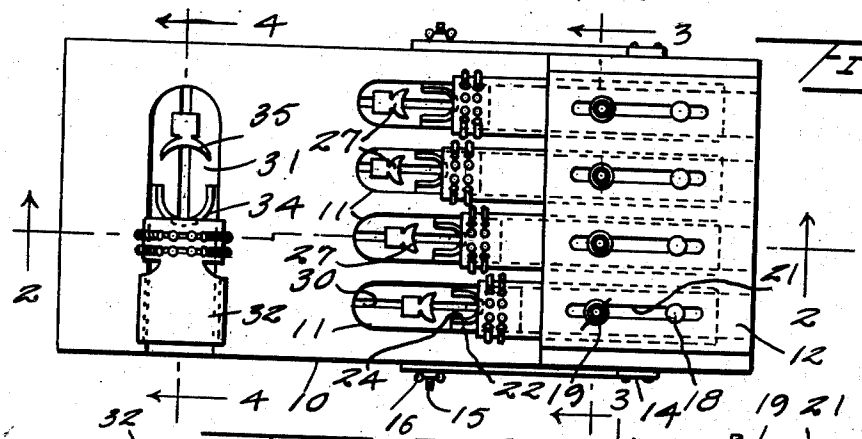

FIG. 1

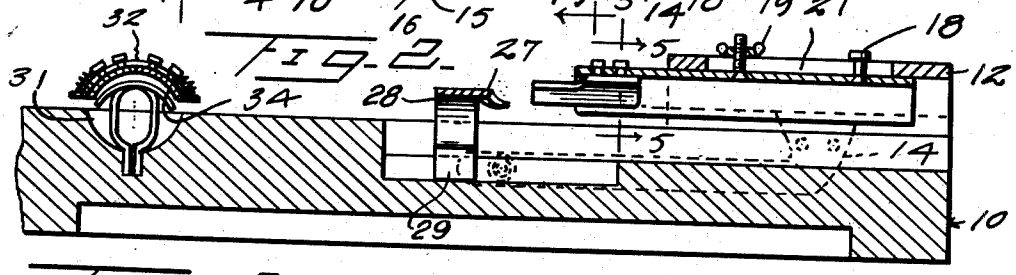

FIG. 2

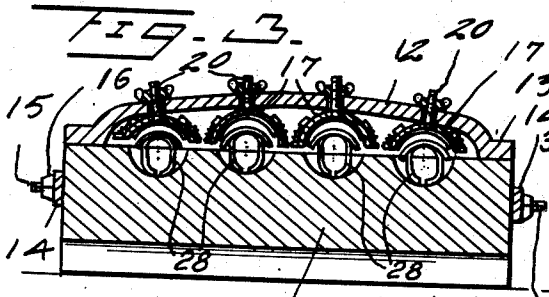

FIG. 3

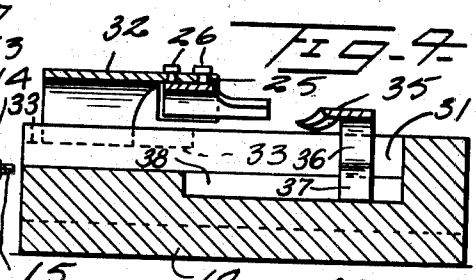

FIG. 4

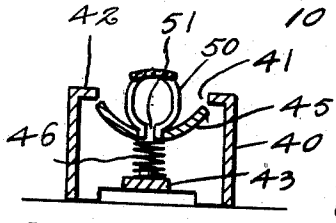

FIG. 7

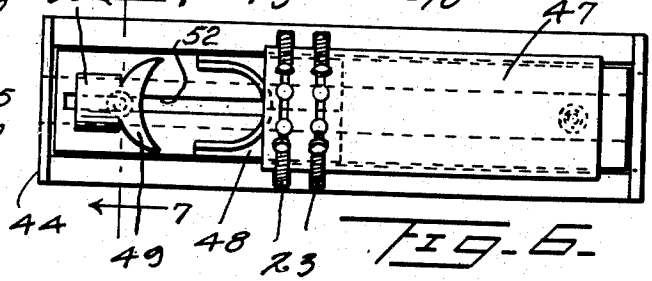

FIG. 6

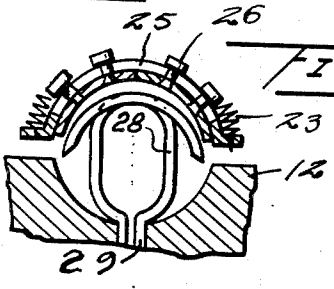

FIG. 5

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NONSMEAR NAIL POLISH APPLYING DEVICE

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3 Claims. (Cl. 132—88.5)

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This invention relates to manicuring devices.

An object of this invention is to provide a device which will facilitate the painting or coloring of finger nails so that the paint or coloring material may be applied quickly and evenly, and without smearing.

Another object of this invention is to provide a device of this kind which is readily adjustable to various sizes of fingers.

A further object of this invention is to provide a device of this kind which includes an improved means for covering the fingers and leaving the finger nails exposed.

With the above and other objects in view, our invention consists in the arrangement, combination and details of construction disclosed in the drawings and specification, and then more particularly pointed out in the appended claims.

In the drawing,

Figure 1 is a plan view of a manicuring aid constructed according to an embodiment of our invention,

Figure 2 is a longitudinal section taken on the line 2—2 of Figure 1,

Figure 3 is a transverse section taken on the line 3—3 of Figure 1,

Figure 4 is a sectional view taken on the line 4—4 of Figure 1,

Figure 5 is a fragmentary sectional view taken on the line 5—5 of Figure 2,

Figure 6 is a plan view of a modified form of this invention,

Figure 7 is a sectional view taken on the line 7—7 of Figure 6.

Referring to the drawing, the numeral 10 designates generally a base which is of rectangular configuration and is formed in the upper surface thereof with a plurality of longitudinally extending arcuate channels 11 within which the fingers of a user are adapted to engaged.

A cover 12 of transversely arcuate configuration which is formed with side flanges 13 is adapted to engage over the base 10 and the rear portions of the channels 11. The cover 12 has secured thereto elongated L-shaped lever arms 14 which are pivotally mounted on bolts 15 carried by the sides of the base 10 and the arms 14 are fixed in operative or inoperative position by means of wing nuts 16 threaded on the bolts 15.

The cover 12 has secured to the inner side thereof transversely curved shields 17 which are adjustable along the length of the cover 12 by means of headed pins 18, and wing nuts 19 which are threaded on bolts 20 fixed to the shields 17. The cover 12 is formed with elongated longitudi-

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nally extending slots 21 through which the headed pins 18 are adapted to be extended, and the bolts 20 also extend through these slots 21.

The shields 17 have mounted on their forward ends a pair of guards 22 which are spring-pressed toward each other by springs 23. The guards 22 are formed with complementary curved inner edges 24 so that when a finger is extended beneath a shield 17 the end of the finger will project beneath the guards 22 with the finger nail exposed between the inner edges 24.

The shield 17 is formed with transversely extending slots 25 within which headed pins 26 carried by the guard 22 are adapted to slidably engage. In order to provide a means whereby the tip of the finger will be shielded so that the polish which is applied to the finger nail will not engage on the tip of the finger, we have provided a substantially crescent-shaped shield 27 which is carried by a split resilient loop 28 having a pair of parallel arms 29. The parallel arms 29 are biased away from each other and are adapted to engage in a groove 30 which is formed in the base 10 at the bottom of the channel 11.

The base 10 has also formed therein a transversely extending channel 31 which is forward of the channels 11. The channel 31 is designed to receive the thumb and a transversely arcuate cover 32 is slidably mounted in a pair of channels or slots 33 which are formed in the base 10 parallel with the side edges of the channel 31. The guard or cover 32 has slidably mounted on the inner side of the forward end thereof a pair of finger nail shield members 34 which are similar in every detail to the shield members 22. A substantially cresent-shaped tip shield 35 is carried by a split resilient loop 36 having a pair of flanges 37 extending from the free edges thereof and frictionally engaging in the groove 38 which is formed in the bottom of the channel 31.

Referring now to Figures 6 and 7, there is disclosed a manicuring aid designed only for holding one finger or digit at a time. The manicuring aid shown in Figures 6 and 7 includes a hollow base 40 formed with a longitudinally extending opening 41 in the top wall 42 thereof, and provided with a longitudinally extending bar 43 which extends between the end walls 44 thereof. The bar 43 is disposed in the lower portion of the base 40 and a transversely arcuate finger rest 45 is disposed within the base 40, being constantly urged upwardly by springs 46 so that the upper longitudinal edges of the seat 45 will be

in substantial contact with the top wall 40 along the edges of the opening 41.

The seat member 45 is disposed with the concave side thereof uppermost.

A stationary transversely arcuate cover 47 is fixed to the top wall 42 and a pair of spring-pressed finger nail shields 48 similar to the shields 22 are carried by the forward portion of the cover 47. A finger tip shield 49 carried by a split resilient loop 50 having fingers 51 engaging in a longitudinal slot 52 formed in the seat member 45 is disposed forwardly of the shields 48 and is lengthwise adjusted with respect thereto.

In the use and operation of this device, the four fingers of one hand are adapted to be disposed in the four channels 11 of the device shown in Figures 1 to 5 inclusive. The cover 12 is initially raised to permit the seating of the fingers in the channel 11. After the fingers are properly seated the cover 12 is lowered and locked in its lowered position. The guards 17 are lengthwise adjusted in the slots 24 so that the shields 22 will be disposed about the finger nails. The tip shields 27 are then moved rearwardly so that the crescent members 27 will engage above the tip of the finger nails. The exposed finger nails may then be painted and in the event any paint should ever run such paint will engage on the shield members 22 or the shield members 27.

After the paint has dried the cover 12 may be raised and the thumb may be painted in like manner by extending the thumb under the cover 32 and into the channel 31.

We do not mean to confine ourselves to the exact details of construction herein disclosed but claim all variations falling within the purview of the appended claims.

What we claim is:

1. A manicure aid comprising a base formed with a channel within which a digit is adapted to seat, a transversely arcuate cover engageable over said channel, said base having a lengthwise groove in said channel, a pair of finger shields carried by said cover, a finger tip shield, and means engaging in said groove adjustably supporting said finger tip shield relative to said pair of shields.

2. A manicure aid comprising a base formed with a channel within which a digit is adapted to seat, a transversely arcuate cover engageable over said channel, said base having a lengthwise groove in said channel, a pair of finger shields carried by said cover, means supporting said pair of shields for lateral adjustment relative to each other, a finger tip shield, and means engaging in said groove adjustably supporting said finger tip shield relative to said pair of shields.

3. A manicure aid comprising a base formed with a channel within which a digit is adapted to seat, a transversely arcuate cover engageable over said channel, said base having a lengthwise groove in said channel, a pair of finger shields carried by said cover, means slidingly supporting said pair of shields for movement toward or from each other, yieldable means constantly urging said pair of shields toward each other, a finger tip shield, and means engaging in said groove adjustably supporting said finger tip shield relative to said pair of shields.

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