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E. A. JEANNOTTE
NAIL MANICURE MACHINE

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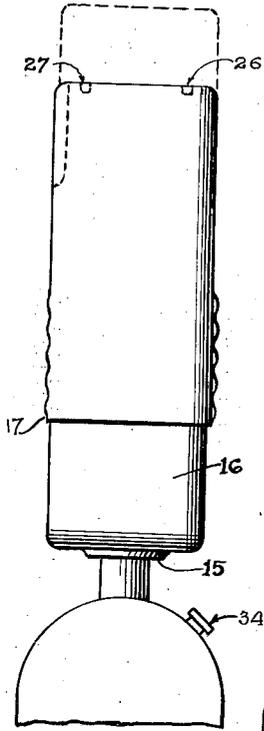


Fig. 1

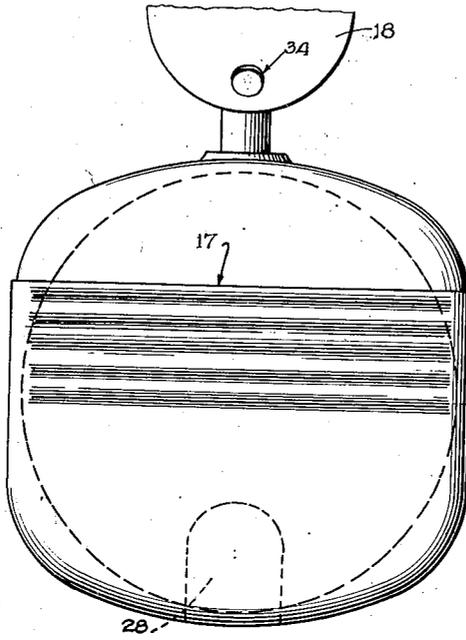


Fig. 4

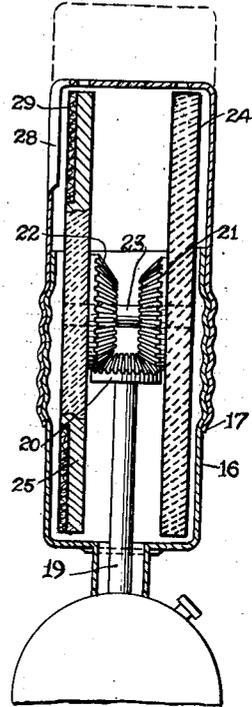


Fig. 2

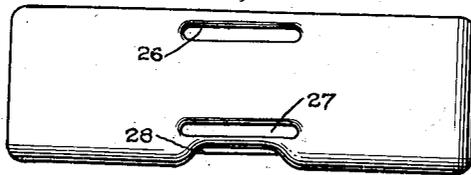


Fig. 3

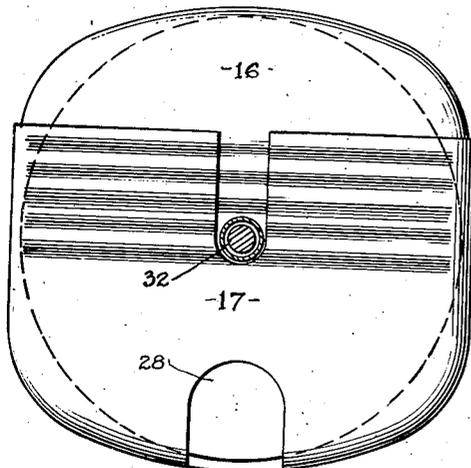


Fig. 5

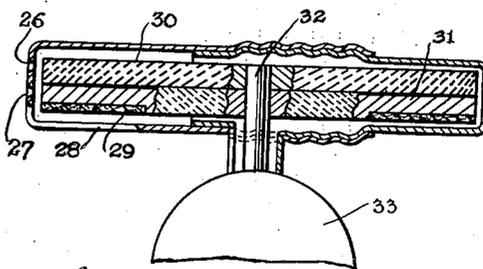


Fig. 6

Inventor
E. A. Jeannotte.
By *Q. N. Fetherstonhaugh*
Attorney.

UNITED STATES PATENT OFFICE

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NAIL MANICURE MACHINE

Emile Alexandre Jeannotte, Montreal, Quebec,
Canada

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3 Claims. (Cl. 132—73.6)

The invention relates to a nail manicure machine as described in the present specification and illustrated in the accompanying drawing that forms part of the same.

The invention consists essentially in a combination of trimming and polishing means for finger nails, as pointed out in the claims for novelty following a description in detail of an acceptable form of the invention.

The objects of the invention are to furnish an electrically driven machine for trimming and polishing finger nails; to provide a machine that is very easy to handle and which can be adjusted to meet the requirements of the user, and generally to provide a machine that will be of great value to the manufacturer, the retailer, and to the public at large.

In the drawing,

Figure 1 is a side elevational view of the machine.

Figure 2 is a longitudinal sectional view of the machine.

Figure 3 is a front elevational view of the machine.

Figure 4 is a plan view of the machine.

Figure 5 is a fragmentary bottom view of the machine.

Figure 6 is a sectional view of a modified form of the machine.

Like numerals of reference indicate corresponding parts in the various figures.

Referring to the drawing, the machine 15 has the outer casing 16 which is made in two parts, one of which overlaps the other as indicated by the numeral 17. The machine is driven by a motor not shown on the drawing but which can be enclosed in the handle 18. The horizontal extending shaft 19 has the bevelled gear 20 engaging the bevelled gears 21 and 22 on the vertical shaft 23, and the circular file 24 and the polisher 25 are attached to the shaft 23 and rotate thereon.

The casing has the openings 26 and 27, the opening 26 leading to the file 24, and the opening 27 leading to the polisher 25. The cut-out por-

tion 28 enables the user to polish the complete nail on the pad 29 which is secured to or being a part of the polisher 25.

In Figure 6 is shown a modified form of the invention where the gears are eliminated, and the file 30 and the polisher 31 will rotate on the vertical shaft 32 extending from the handle 33 enclosing the motor.

In the operation of the invention, the user turns on the switch 34 which brings both the file and the polisher into rotation and the nails are brought into contact with the file and the polisher through the openings 26 and 27, the adjustability of the casing enables the user to obtain the exact shape of the nails desired.

It is understood that numerous changes in the shape, size and material may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

What I claim is:

1. A nail manicure machine comprising a casing having an aperture through one end, a filing device in said casing and having its filing edge in alignment with the aperture of the casing, a shaft secured to said filing device and suitably driven, and means for adjusting the size of the aperture.

2. A nail manicure machine comprising a casing having upper and lower apertures through one end thereof, a rotatable filing device and a rotatable polishing device in said casing and having their filing and polishing edges in alignment with the apertures of the casing, a shaft extending into said casing and connected to said filing and polishing devices and suitably driven, and means for adjusting the size of the apertures.

3. A nail manicure machine comprising a casing formed of two parts and adjustably overlapping one another and having apertures through one end, a filing and polishing device in said casing and having the filing and polishing edges of the device in alignment with the nail slots of the casing, and a shaft connected to said filing and polishing device and suitably driven.

EMILE ALEXANDRE JEANNOTTE.