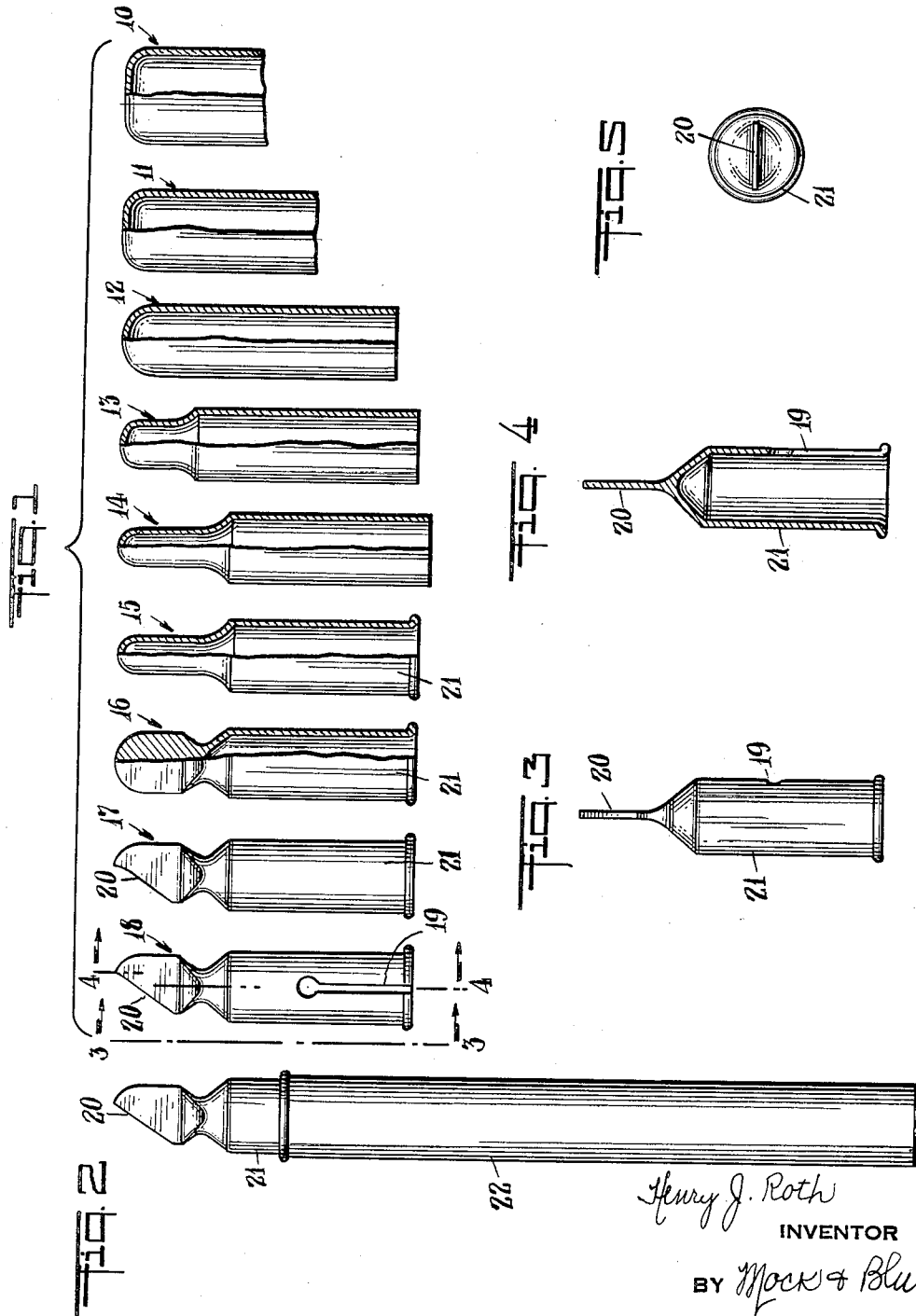


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H. J. ROTH
NAIL CLEANING DEVICE

1,956,627

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NAIL CLEANING DEVICE

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1 Claim. (Cl. 132-73)

This invention relates to improvements in manicuring devices and more particularly to improvements in nail cleaning devices.

A particular object of this invention is the provision of a novel form of nail cleaning device which may be attached to manicure pencils or which may be attached to any other manicuring device.

A particular object of this invention is the provision of a novel form of nail cleaning device which will be efficient and at the same time will not injure the nail.

Further objects of the invention will be apparent from the specification and drawing in which:

Fig. 1 is a side elevation showing the progressive die operations required to form the finished nail cleaning device from the simple form of hollowed blank shown as No. 10 successively through the various forms numbered 11 to 18; 18, showing the complete and finished object.

Fig. 2 is a side elevation showing the nail cleaning device attached to a manicure pencil or similar pencil shaft.

Fig. 3 is a side elevation on the line 3-3 of the article 18 in Fig. 1.

Fig. 4 is a sectional view along the line 4-4 of the article 18 shown in Fig. 1.

Fig. 5 is a top plan view of the finished article. Beginning with a metal thimble 10, the blank is subjected to a series of die operations illustrated from 10 to 18 inclusive; 19 shows the slit in the finished article; 20 is the blade; 21 indicates the shaft or cylindrical body of the device; 22 the pencil itself to which the device is attached.

It will be evident that by the die operations shown, the blade 20 has a thickness of metal double that of the shaft 21. The straight edge of the blade 20 is slightly sharpened so as to permit the removal of extraneous matter under the nail and is therefore slightly thinner than the thickened rounded edge of the blade, it being noted that an extremely sharp edge on a device of this character is undesirable as liable to injure the finger nail and not being as efficient for nail cleaning purposes.

The embodiment of my nail cleaning device shown herein is made from a single piece of metal and is preferable in this form though it can be constructed otherwise than here shown. It is also apparent that changes may be made therein without departing from the spirit of my invention.

Having fully described my invention, what I claim is:

A nail cleaning device comprising a cylindrical shaft made of a single piece of metal, one end of said shaft being open to frictionally slip over the end of a pencil or the like, a slit in said shaft adjacent the open end thereof, the opposite end of said shaft terminating in a substantially blunt nail cleaning blade having a thickness substantially greater than the thickness of the metal comprising the shaft, one edge of said blade being oblique with respect to the shaft and being very slightly thinned so as to present a dull, noncutting edge thus adapting the same for the safe removal of extraneous matter from beneath the nail.

HENRY J. ROTH.

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