July 19, 1927. A. PROVOST 1,636,148

CUTICLE STICK

Filed Sept. 25, 1925

Fig. 1.

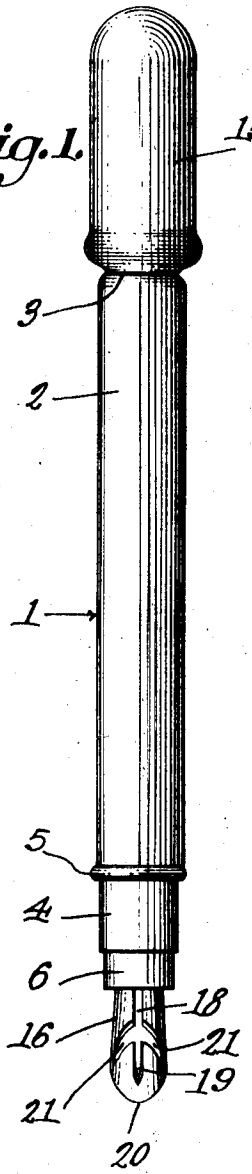


Fig. 2.

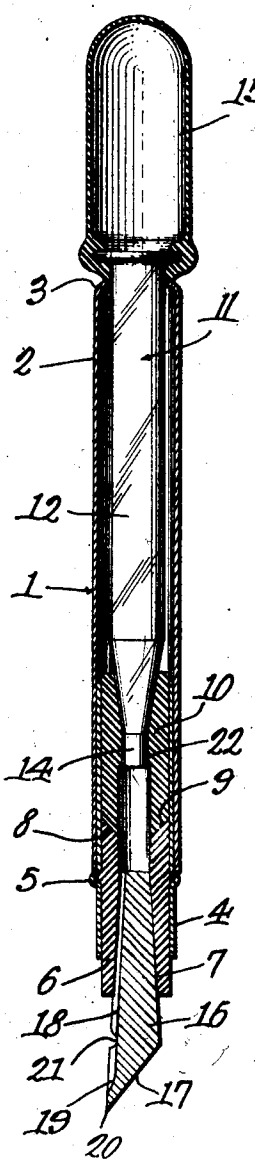
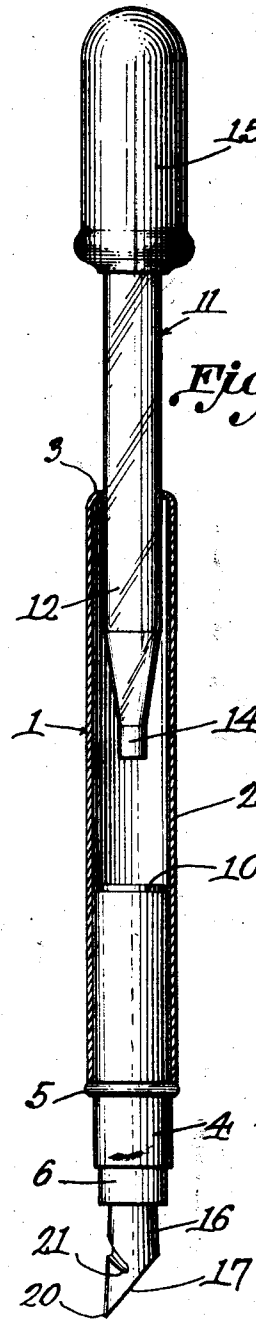


Fig. 3.



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UNITED STATES PATENT OFFICE.

AGNES PROVOST, OF MILWAUKEE, WISCONSIN.

CUTICLE STICK.

Application filed September 25, 1925. Serial No. 58,568.

This invention aims to provide a novel means whereby a supply of liquid may be afforded for a cuticle stick, the device being so made that it may be manufactured cheaply and be taken down ready for cleaning or repairs.

It is within the province of the disclosure to improve generally and to enhance the utility of devices of that type to which the invention appertains.

With the above and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

In the drawings:—

Figure 1 is an elevation; Figure 2 is a longitudinal section; Figure 3 is a longitudinal sectional view wherein the reservoir is partly withdrawn.

The device forming the subject matter of this application comprises a tubular body 1, made up of a barrel 2, equipped at its rear end with an inwardly extended stop flange 3. One end of a tubular carrier 4 is frictionally held in the forward end of the barrel 2, the carrier having a cricumferential bead 5 which, cooperating with the forward end of the barrel, limits the rearward sliding movement of the carrier into the barrel. In the forward end of the carrier 4 is frictionally held a retainer 6, which may be made of hard rubber, the retainer having a tapered bore 7. The inner end of the retainer 6 has a tapered seat 8 receiving the beveled end 9 of a tubular gasket 10 which is frictionally held in the inner end of the carrier 4, the gasket being made of soft rubber, and having a bore 22.

The numeral 11 designates a reservoir, sometimes including a tube 12, which may be fashioned from glass, the tube having a reduced end 14. On the outer end of the tube 12 there is a suction device 15, such as a bulb. The operating element 16 is of tapered form and is held securely but detachably, by friction, in the bore 7 of the member 6. The operating element 16 is transversely beveled as at 17 to form a point 20. The operating element 16 has a superficial longitudinal groove 18 communicating at its inner end with the bore 7 of the retainer 6, that portion of the groove 18 which lies adjacent to the point 20 being reduced as shown at 19, the groove 18 having laterally branches 21 disposed on the outer surface of the operating element 16. The operating element 16 may be made of bone, celluloid, wood or any other suitable substance.

When the parts are assembled as shown in Figure 2, the reduced end 14 of the reservoir is received in the bore 22 of the gasket 10, leakage being prevented at this point. The bulb 15 abuts against the stop flange 3 to limit the inward movement of the reservoir. The operator can withdraw the reservoir, the reservoir being shown partly withdrawn in Figure 3. When the reservoir is entirely withdrawn, it can be filled with liquid, by means of the bulb 15, and, then, the reservoir can be pushed back into place in the body 1, as is shown in Figure 2. When the parts are assembled as shown in Figure 2, the bulb 15 may be pressed slightly, and liquid will be discharged within the retainer 6, the liquid flowing by way of the groove 18 and its branches 21 along the working end of the operating member 16.

What is claimed is:—

In a manicuring implement, a barrel, a tubular carrier detachably mounted in one end of the barrel, an operating element, means for holding the operating element in one end of the carrier, a gasket in the opposite end of the carrier, a reservoir extended into the barrel and having its inner end received in the gasket, and a suction and discharge means on the outer end of the reservoir.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

AGNES PROVOST.