April 22, 1941. M. ROCK 2,239,054

HAIR RINSE AND DYE APPLICATOR

Filed Aug. 16, 1940

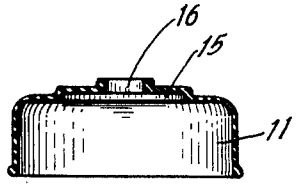


Fig. 5.

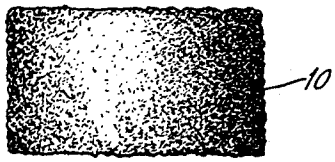


Fig. 4.

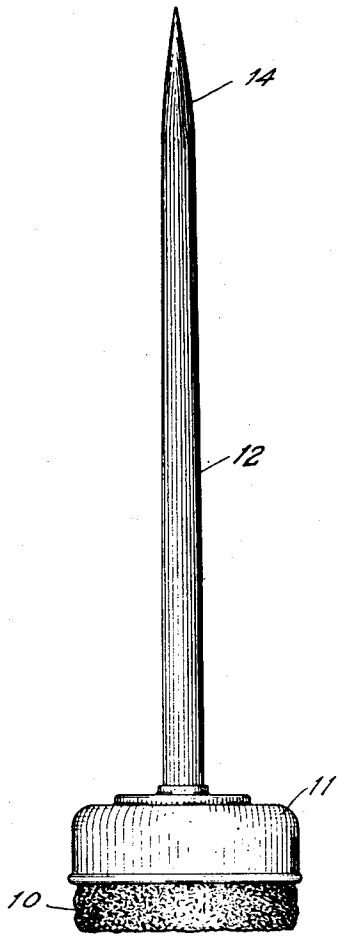


Fig. 1.

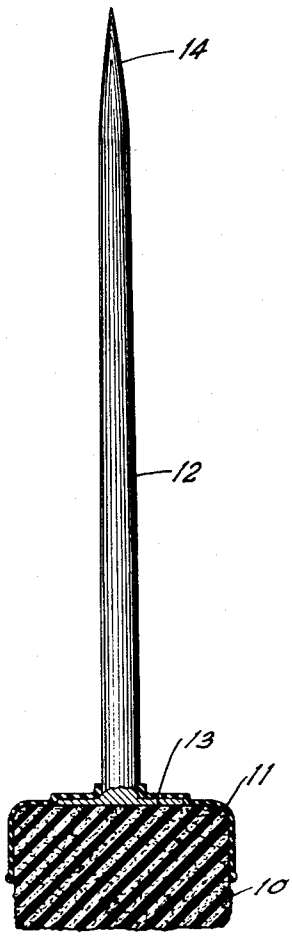


Fig. 2.

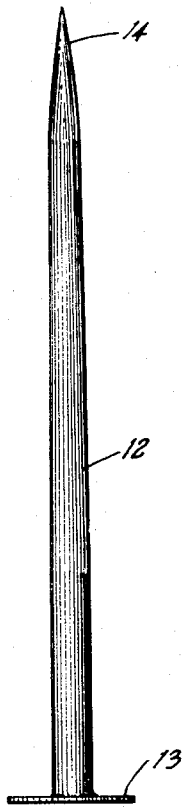


Fig. 3.

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HAIR RINSE AND DYE APPLICATOR

Murray Rock, Denver, Colo.

Application August 16, 1940, Serial No. 352,942

4 Claims. (Cl. 132—9)

This invention relates to an applicator more particularly for applying solutions such as wave set, hair dyes or tints to human hair.

The principal object of the invention is to provide an economical, efficient device which will efficiently distribute the above solution and which will have an alternating suction and pressure action to agitate and force solutions uniformly and completely throughout the hair.

Other objects and advantages reside in the detail construction of the invention, which is designed for simplicity, economy, and efficiency. These will become more apparent from the following description.

In the following detailed description of the invention reference is had to the accompanying drawing which forms a part hereof. Like numerals refer to like parts in all views of the drawing and throughout the description.

In the drawing:

Fig. 1 is a side view of the complete applicator.

Fig. 2 is a cross sectional view thereof.

Fig. 3 is a detail view of the applicator handle.

Fig. 4 is a detail view of the applicator pad.

Fig. 5 is a detail cross section through the suction cup which is embodied in the applicator.

The improved applicator employs a pad 10 of spongy, absorbent material, preferably a cylindrical block of sponge rubber. The pad is secured in a holder consisting of a flexible rubber suction cup 11 from which a handle member 12 projects.

The handle member is formed at its lower extremity with a disc-like flange 13 and at its other extremity with a point 14.

The suction cup 11 is preferably formed with an internally depressed portion 15 in which the flange 13 is received and a central opening 16 through which the handle 12 passes.

In assembling the device, suitable cement is placed on the flange 13 and the handle 12 is forced outwardly through the opening 16 in the cup until the flange seats in the depression 15. Additional cement is now placed over the bottom of the flange disc 13 and the pad 10 is forced into the suction cup 11 where it will become similarly attached. The pad is of sufficient thickness to project below the bottom of the cup 11, as shown in Fig. 1.

In use, the entire applicator is forced downwardly into a receptacle of hair dye or similar fluid with sufficient pressure to collapse the pad and cup. This serves to discharge the air from the cup. As the pressure is released, a partial vacuum is formed in the cup which draws the dye completely through the pad 10. The pad is then transferred to the hair and is pushed against the scalp causing the cup 13 to act as a force pump to alternately force the dye outwardly into the hair and to draw excess dye back into the pad.

The handle is preferably formed of smooth waterproof material such as molded plastic, so that it may be used for separating and lifting the locks of hair to assist in the application of the solution.

While the invention has been described as more particularly for use on the hair it will be found useful in any situation where it is desired to obtain an efficient application of a solution.

While a specific form of the improvement has been described and illustrated herein, it is desired to be understood that the same may be varied, within the scope of the appended claims, without departing from the spirit of the invention.

Having thus described the invention, what is claimed and desired secured by Letters Patent is:

1. An applicator for applying fluids comprising: a sponge-like pad; a flexible impervious cup enclosing a portion of said pad; and a handle projecting from said cup.

2. A solution applicator comprising: a flexible suction cup; a handle projecting from said cup; and a sponge-like pad secured within said cup.

3. An applicator for applying fluids comprising: an imperforate rubber cup having an open face and a sealed back; a handle disc secured to the inner face of said closed back; a handle secured to said disc and projecting outwardly and concentrically through said back; and an absorbent pad secured within and filling said cup.

4. An applicator for applying fluids comprising: an imperforate rubber cup having an open face and a sealed back; a handle disc secured to the inner face of said closed back; a handle secured to said disc and projecting outwardly and concentrically through said back; and an absorbent pad secured within and filling said cup, said back having a depression on its inner face receiving said handle disc.

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