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C. M. HOOPER

2,197,579

APPLICATOR

Filed Oct. 26, 1938

Fig. 1.

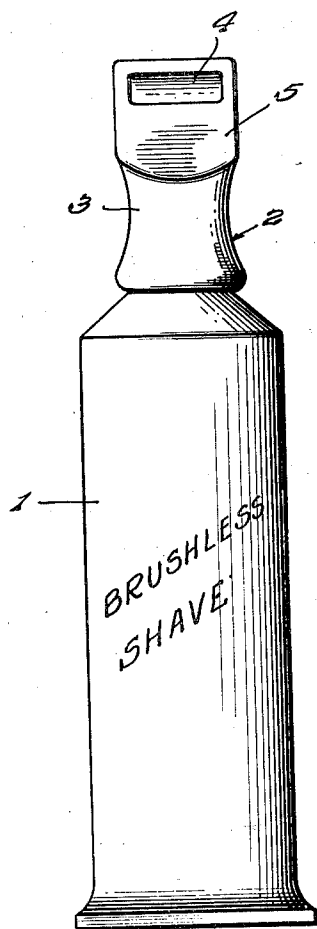


Fig. 2.

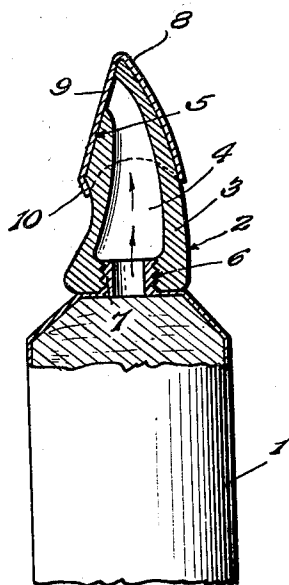


Fig. 3.

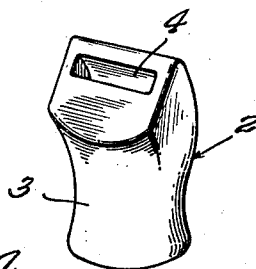
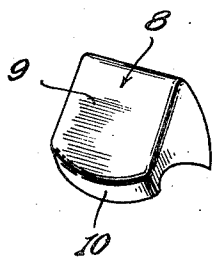


Fig. 4.



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APPLICATOR

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1 Claim. (Cl. 91—67.4)

This invention relates to an applicator, and it is one object of the invention to provide a device of this character adapted to be mounted upon the neck of a tube of shaving cream and constitute means for evenly distributing the cream upon a person's face when the tube is squeezed to expel the cream therefrom.

Another object of the invention is to provide a device of this character so formed that it may be very easily grasped and moved about a person's face to evenly spread the shaving cream thereon when the tube is held in a person's hand and squeezed in order to expel the cream therefrom.

Another object of the invention is to provide this applicator or dispensing nozzle with an end face adapted to be disposed against a person's face while applying shaving cream thereto and disposed at such angular relation to the longitudinal axis of the tube and the person's face that the applicator may be very easily manipulated to apply a layer of shaving cream of the desired thickness.

Another object of the invention is to provide an improved cap for the applicator or nozzle, the cap being of such formation that it may be very easily applied or removed and, when in place, constitute a tight closure which will protect the shaving cream from exposure to the atmosphere.

The invention is illustrated in the accompanying drawing, wherein:

Figure 1 is a view in elevation showing the improved applicator in position for use upon a tube of shaving cream,

Figure 2 is a view taken at right angles to Figure 1 and showing the applicator in longitudinal section,

Figure 3 is a perspective view of the applicator, and

Figure 4 is a perspective view of the cap.

This improved applicator is particularly adapted for use in connection with a collapsible tube containing shaving cream of the brushless type which is spread upon a person's face and the face then shaved without forming a lather. Shaving cream of this character is usually applied with the fingers, and this has been found very disagreeable and also wasteful as during the spreading operation a good deal of the cream will adhere to a person's fingers. While it has been stated that the applicator is adapted for use in connection with a tube of brushless cream, it is to be understood that it can be applied to a tube of paint or other plastic or semi-plastic mate-

rial which must be discharged from the tube when used instead of upon a surface. The device may thus take the place of a pallet knife used for certain types of painting.

This applicator, which is indicated in general by the numeral 2, has a body 3 formed of metal, rubber of either a hard, soft or semi-hard type, or a suitable composition, such as transparent Celluloid or the like. The body is curved longitudinally, as shown in Figure 2, and is hollow to provide a longitudinally extending discharge passage 4 gradually reduced in diameter towards its outer end which opens through the front face 5 of the body and, when viewed from this end, is in the form of an oblong slot extending transversely of the front end of the applicator, as shown in Figure 1 and in Figure 3. This front end face of the applicator extends diagonally of its longitudinal axis, as shown clearly in Figure 2, and between the rear end of this face and the rear end of the applicator the outer surface of the body is concaved circumferentially thereof. It thus will be seen that the applicator may be very easily grasped between a thumb and the fingers of a hand and held while applying pressure to the collapsible tube 1 for forcing the shaving cream or other plastic material outwardly through the applicator. The large rear end portion of the body 3 may be formed with a threaded opening 6 to receive the threaded neck 7 of the tube 1, or the body may be formed with a yielding force-fit opening to receive the neck of the tube. The applicator may, therefore, be applied to the neck of a tube and removed therefrom and transferred to another tube when the cream in the tube has all been expelled therefrom through the applicator. By forming the front end face 5 of the applicator at the angle shown in Figure 2, it may be very easily disposed in contacting engagement with a person's face and then tilted so that, as it is moved about a person's face, the cream which is squeezed from the tube and discharged through the passage 4 will be spread evenly upon the face at a desired thickness. The discharged shaving cream does not touch a person's fingers and, therefore, the fingers are not soiled by the cream and in addition there is no waste of cream due to the cream adhering to a person's fingers.

When the tube of shaving cream with the applicator applied thereto is put away in a medicine cabinet after being used, the outer end of the passage 4 should be closed in order that the cream will not be exposed to atmospheric air and caused to harden or turn sour. In order to

do so, there has been provided a cap 8 formed of yieldable material and conforming to the shape of the forward portion of the applicator. This cap fits snugly about the forward end portion of the applicator with its front wall 9 flat against the front face 5 of the applicator in position to tightly close the outer or front end of the passage 4. Along the rear edge of this wall 9 the cap is formed with a lip or flange 10 which engages the concaved surface of the applicator back of the face 5 and serves to firmly hold the cap in place and prevent accidental dislodgement thereof. The cap may, however, be easily removed when the shaving cream is to be used.

15 Having thus described the invention, what is claimed as new is:

An applicator of the character described comprising a body curved longitudinally and at its

front end formed with a flat face extending downwardly at a rearward incline, the portion of the body between the rear end of the flat face and the rear end of the body being concaved circumferentially of the body, said body having a discharge passage extending therethrough with its front end opening through the flat face of the body and having its rear end adapted to receive the discharge neck of a dispensing tube, and a cap for said applicator fitting snugly about the forward end portion thereof and having a flat wall to fit against the flat face of the applicator body and a depending lip about the lower rear end of the said flat wall to engage about the concaved portion of the body and hold the cap firmly in place about the forward end portion of the body.

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