Sept. 5, 1961 K. S. COREY 2,998,684

METHOD AND MEANS FOR CONDITIONING SHAVING LATHER

Filed Sept. 22, 1959

Fig. 1.

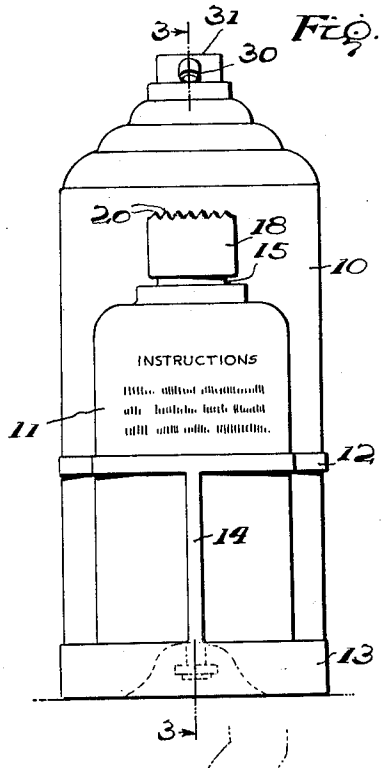


Fig. 2.

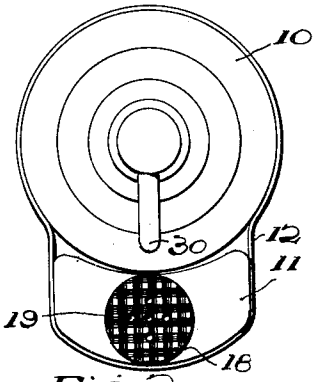


Fig. 5.

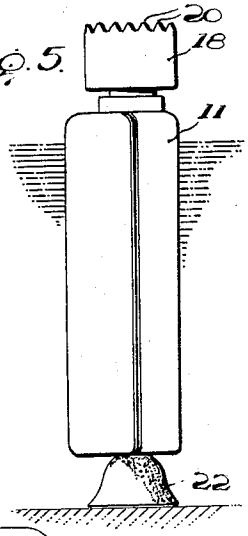
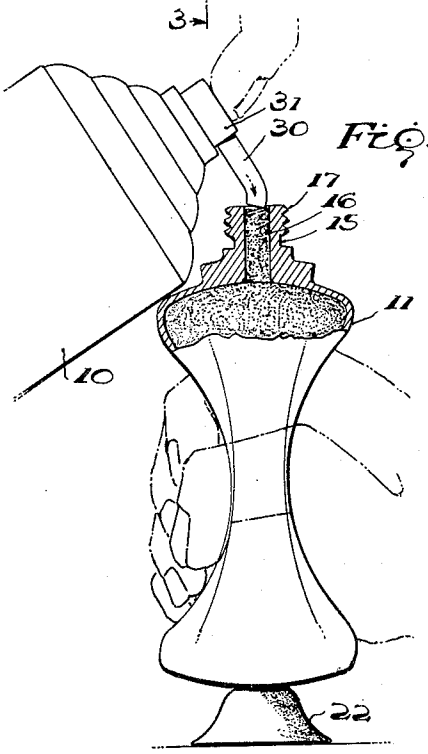


Fig. 4.



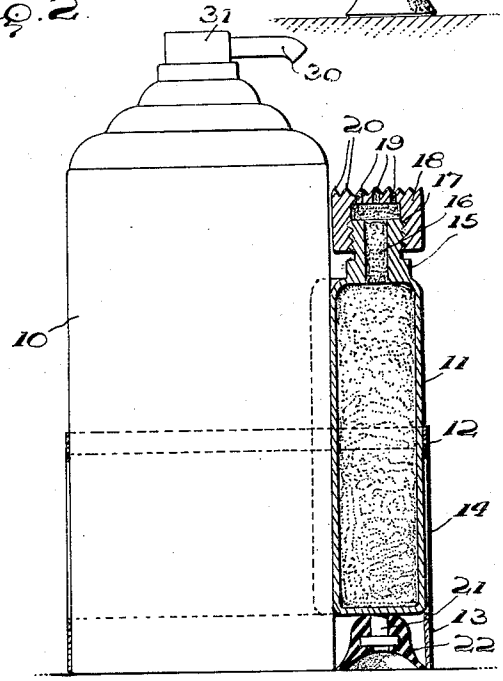


Fig. 3.

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2,998,684

METHOD AND MEANS FOR CONDITIONING SHAVING LATHER

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Filed Sept. 22, 1959, Ser. No. 841,654
2 Claims. (Cl. 53—25)
(Granted under Title 35, U.S. Code (1952), sec. 266)

The invention described herein, if patented, may be manufactured and used by or for the Government for governmental purposes, without the payment to me of any royalty thereon.

This invention relates to a method and means for conditioning shaving lather as oridinarily packaged in aerosol packages and has for its primary object to segregate a modicum of the packaged material in an applicator and then heat the same so as to facilitate and generally improve the shaving process.

Another object of the invention consists in providing a collapsible container for withdrawing a modicum of the lather from the aerosol container in proper position while being heated so as to provide a hot or warm lather for shaving purposes.

A further object of the invention consists in the provision of a unitary package comprising an aerosol receptacle containing shaving lather, a collapsible container adapted to receive a portion of the lather from the main container, an applicator on one end of the collapsible container, a suction cup on the other end of the collapsible container and means for uniting the containers.

Other objects and advantages of the invention will be apparent from the following description taken in connection with the accompanying drawings, in which,

FIG. 1 is a front elevational view of the unitary package which constitutes the means for conditioning shaving lather;

FIG. 2 is a plan view thereof;

FIG. 3 is a vertical sectional view taken on the line 3—3 of FIG. 1;

FIG. 4 is a fragmentary view showing the manner in which a portion of the shaving lather may be transferred from the original container to the applicator; and

FIG. 5 is a front elevational view of the collapsible container or applicator showing the same as being heated in a wash basin or the like.

In the drawings, where for the purpose of illustration, is shown a preferred embodiment of the invention, the numeral **10** indicates a conventional aerosol dispenser containing shaving lather, of which there are a number on the market, and the numeral **11** indicates the applicator or collapsible container or tube to which a modicum of shaving lather is to be transferred for heating purposes, thereby forming the method of the present application. These two elements **10** and **11** may be sold as a unitary package and to this end the applicator container **11** is shaped so that it may be nested against the aerosol dispenser and is originally positioned thereagainst and held by means of a pair of straps **12** and **13** connected together by means of a vertical strap **14** to provide a holder so that the applicator-container may be moved vertically with respect to the aerosol dispenser and may be separated therefrom and heated, as shown in FIG. 5. The container **10**, of course, may be of metal or any of the materials ordinarily used in the preparation and sale of aerosol dispensers, but the applicator-container **11** must be collapsible in order to dispense its contents and therefore may be made of pliable plastic or similar flexible metal.

The applicator-container **11** is provided with a neck **15** having a discharge opening **16** and externally threaded at **17** to detachably receive an applicator cap **18** provided with a plurality of discharge openings **19** and integrally

formed bristles **20**. On the lower end or body of the container **11** is formed, or permanently attached thereto, a nipple **21** which is used to connect a vacuum cup **22** to the bottom of the container so as to support the latter in vertical position within a wash basin or the like when it is to be heated by means of a surrounding body of water drawn into the bowl or other suitable container.

All aerosol dispensers are provided with dispensing spouts, such as the spout **30** on the aerosol dispenser of the present illustration, and pressure is released to discharge the material from the dispenser by pressing downwardly on the disc **31** which carries the spout, as indicated in FIG. 4. Therefore, to transfer a modicum of shaving lather from the aerosol dispenser **10** to the applicator-container **11** for the purpose of carrying out the method of the present invention, the cap **18** is first removed from the applicator, and the applicator is collapsed as shown in FIG. 4 and has its mouth **16** placed adjacent the discharge end of the spout **30**. Thereafter, pressure is applied to the disc **31**, as indicated in FIGURE 4, and the operator's hand which has collapsed the applicator **11** gradually allows the applicator to return to its original form thereby applying suction to the shaving lather as it is discharged from the spout **30** and causes the applicator **11** to receive its charge of shaving lather. Subsequently, the applicator cap **18** is reapplied to the applicator by means of threads **17** and the applicator is placed in a bowl or the like and held in vertical position as shown in FIG. 5 so as to receive the transfer of heat from the water which was applied to the exterior of the container to the shaving lather therein. After the lather has been suitably heated, which ordinarily requires two or three minutes, the same is withdrawn from the bowl of water and may be squeezed so as to eject the warm lather against the face of the operator and suitably moved in a conventional manner to cause the bristles **20** to rub lather into the operator's beard.

From the foregoing description taken in connection with the accompanying drawings, it will be apparent to those skilled in the art that I have devised a rather simple and inexpensive unitary package comprising a conventional aerosol dispenser and collapsible applicator, that the applicator is detachable and readily supported for the purpose of transferring heat to its contents and that the manner of operation for segregating the modicum of shaving lather from the conventional aerosol dispenser is extremely simple.

In accordance with the patent statutes, I have described what I now consider to be the preferred form of the invention but since various minor changes may be made in structural details without departing from the spirit of the invention, it is intended that all such changes be included wihin the scope of the appended claims.

I claim:

1. A method of heat-conditioning an individual preformed portion of shaving lather extracted from an aerosol dispenser, which comprises contacting the mouth of said aerosol dispenser with the mouth of a resilient flexible-wall container while compressing said resilient container so as to deform it, actuating said aerosol dispenser and simultaneously releasing the pressure on said resilient container so as to suck a portion of preformed shaving lather into its interior, disengaging said aerosol dispenser, and heating said resilient container and its lather contents to a temperature suitable for shaving.

2. A method of heat-conditioning an individual preformed portion of shaving lather extracted from an aerosol dispenser, which comprises contacting the mouth of said dispenser with the mouth of a resilient flexible-wall container while compressing said resilient container so as to deform it, actuating said aerosol dispenser and simultaneously releasing the pressure on said resilient container

so as to suck a portion of preformed shaving lather into its interior, disengaging said aerosol dispenser, capping the mouth of said resilient container with a perforated lathering applicator, and detachably supporting said resilient container in an upright position in a container of a hot liquid until the lather in said resilient container is heater to a temperature suitable for shaving.

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CERTIFICATE OF CORRECTION

Patent No. 2,998,684 September 5, 1961

Kenneth S. Corey

It is hereby certified that error appears in the above numbered patent requiring correction and that the said Letters Patent should read as corrected below.

Column 2, line 69, after "said" insert -- aerosol --; column 3, line 7, for "heater" read -- heated --.

Signed and sealed this 30th day of January 1962.

(SEAL)
Attest:

ERNEST W. SWIDER
Attesting Officer

DAVID L. LADD
Commissioner of Patents