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HOME BEAUTY AID

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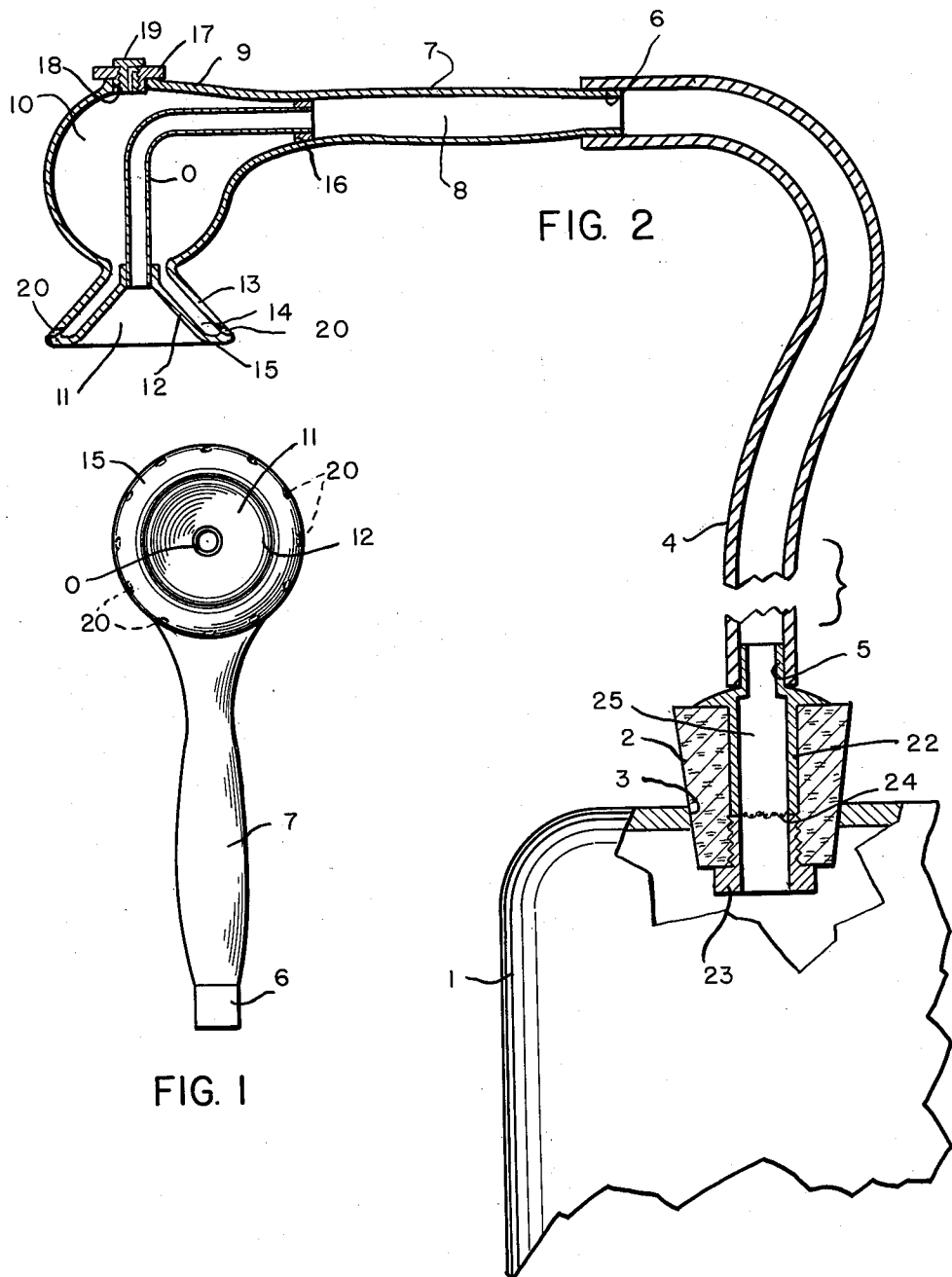


FIG. 1

FIG. 2

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HOME BEAUTY AID

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2 Claims. (Cl. 128—65)

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This invention relates to a home beauty aid and has special reference to a device for use in removing cosmetics and for conditioning the skin of human faces.

As is well known, people, especially women, are very interested in obtaining and maintaining a good facial complexion, and to this end, many varied means and methods are employed. Cosmetics are used in large quantities throughout the country, and mechanical massaging devices are frequently used. When cosmetics are used, however, it is often difficult to remove the cosmetics and/or dirt completely from the pores of the skin, and therefore, the skin does not become thoroughly cleaned. Cleanness is a necessary beginning to proper skin care and conditioning, of course. Much of a woman's time is expended in removing cosmetics, and the task is not a pleasant one.

It is, therefore, one of my principal objects to provide a device which may be used by the average individual in the home for removing cosmetics and cleaning and conditioning the skin, whereby skin care will be expedited as well as simplified and greatly improved.

Another object is to provide such a device which may be operated by a home vacuum cleaner.

Another object is to provide such a device with means to lubricate the skin as it is moved thereover to prevent irritation of the skin and to improve the vacuum action of the device.

Another object is to provide a filter device which prevents cosmetics, dirt, and the like from entering the vacuum cleaner.

A more specific object is to provide a relatively lightweight suction cup having a container or chamber adjacent thereto in which a lubricating cream may be carried, a flexible connection from the cup to a vacuum cleaner, and means to filter air from the cup before it enters the vacuum cleaner.

These and other objects and advantages of my invention will become more apparent as the description proceeds.

In the accompanying drawing forming a part of this application:

Figure 1 is a bottom view of the invention.

Figure 2 is a vertical sectional view longitudinally of Figure 1, and showing the flexible connection of the device to a conventional vacuum cleaner.

In the drawing, the reference numeral 1 indicates a source of vacuum which, for the present invention, preferably comprises a household

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vacuum cleaner device of the tank-type. Such devices are in common use in homes throughout the country, and therefore provide a most convenient source of power for the invention.

I have provided a tapered plug 2, of cork or the like, which is adapted to fit into the suction opening 3 of vacuum cleaners, as shown, to form a connection to the source of suction for my home beauty device. A flexible tube or hose 4 is connected to the plug 2 by means of a reducer fitting 5, the fitting and the plug 2 each having an opening or bore therethrough to provide a passage from the vacuum source through the tube 4, which tube may be of any desirable length, of course. However, it is preferred that the tube be of less diameter than the conventional vacuum cleaner hose. The tube 4, of course, should be of strong-walled or reinforced construction whereby it will not collapse when under stress by external air pressure when the air pressure within the tube is reduced by the suction action of the vacuum device 1.

At the outer end of the hose or tube 4, I have connected my beauty aid device by means of a fitting or connection 6 on the end of the handle portion 7 which is hollow and provides a continuing passage 8 from the hose 4.

The handle 7 extends from the body portion 9 which includes a reservoir 10 and a suction cup member 11 extending therefrom. The cup 11 preferably extends from the body in substantially right angular relation to the handle, as shown, for convenience in handling, and is of double-walled construction, as shown, having an inner wall 12 which forms the inside wall of the suction cup 11, and an outer wall 13 which forms a chamber 14 surrounding the suction cup, the chamber 14 being in communication with the reservoir 10. The outer edge 15 of the cup 11 is preferably annular.

A tube O is connected through the reservoir 10 between the suction cup 11 and the hollow handle 7 to provide a passage from the suction cup to the vacuum device 1, a plug or wall 16 serving to separate the reservoir from the hollow handle.

A screw cap or closure 17 is provided for the opening 18 in the body portion 9 to permit the filling of the reservoir with a liquid cream, preferably a cream of somewhat greasy characteristics to provide lubrication, as will become apparent. The screw cap 17 is provided with a threaded air vent valve 19 to permit air to enter the reservoir as the liquid therein is drained therefrom.

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Through the outer wall 12, and in spaced relation adjacent the outer edge thereof, a plurality of relatively small openings 20 are provided to permit liquid to flow or drain from the reservoir slowly when the air vent 19 is open, the rate of flow of liquid from the reservoir being regulated, of course, by adjusting the position of the air vent valve.

Operation

With the reservoir 10 and chamber 14 provided with a quantity of a suitable liquid and greasy cream, the hose 4 is connected to the suction opening of the vacuum cleaner as above described, and the vacuum cleaner is "turned-on" to cause air to be drawn through the passage from the suction cup. The air vent 19 may be opened to permit the cream to flow from the reservoir. As may readily be seen, the cream will ooze from the openings 20 and run down the outer surface of the suction cup's outer wall and onto the outer edge of the cup where it engages the skin. As the suction cup is applied to and moved along the skin, the cream is spread over the skin and lubricates same to prevent irritation thereof and also, the greasy cream improves the seal around the outer edge of the suction cup to insure more efficient operation of the device. It is well known that old cosmetics such as rouge, caked powders, and cosmetic creams are difficult to remove from one's face; however, the instant device is highly efficient in removing these cosmetics as well as dirt and blackheads from the pores of the skin.

The lubricating cream, as stated, aids in sealing the cup against the skin to insure a good suction action, and also aids in the movement of the cup across the skin freely and without irritation thereto. The continuous gravity flow of cream from the reservoir insures adequate lubrication everywhere the cup is moved.

As is deemed apparent, cosmetics, dirt, and at least some of the lubricating cream will be drawn from the skin through the hose 4; therefore, I prefer to mount a filter unit 22 in the plug 2 which connects the hose 4 to the vacuum cleaner. The filter preferably comprises a screw cap 23 having a screen 24 extending thereacross to form a stop or blockade across the vacuum passage. A chamber 35 is provided in the plug 2 in which any suitable filter medium may be placed, the cap 23 and screen 24 serving to prevent the filter medium from entering the vacuum cleaner, and

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the filter medium serving to collect the dirt and cosmetics picked up from the skin.

Obviously, skin treated in the manner above described will be much cleaner and more healthy, and, in addition, the skin will have a much improved appearance. Also, the device needs no skilled operator but can be used by any average individual having access to a home vacuum cleaner.

It is to be understood that I have herein shown and described one specific embodiment of my invention, and that my appended claims are not necessarily limited specifically thereto.

Having thus described my invention, what I claim is:

1. A home beauty aid comprising a body member, a reservoir in said body to contain a quantity of lubricant, a suction cup having its open end facing away from said body, said suction cup having an inner and an outer wall whereby a chamber is provided around the outer end of said cup, said chamber being in communication with said reservoir, said chamber having a plurality of openings through its outer wall adjacent the outer end of said cup, whereby lubricant may flow from said chamber and reservoir toward the outer rim of said cup along said outer wall, means on said body member to vent said reservoir to permit lubricant to flow therefrom, and means on said body member to connect said suction cup to a source of vacuum.

2. The structure as set forth in claim 1 and said last mentioned means comprising a handle having a passage therethrough, a passage leading from said cup through said reservoir and to said passage in said handle, and a flexible hose connected with said handle to form a continuation of said passages to a source of vacuum.

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The following references are of record in the file of this patent:

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