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HOOD FOR STEAM FACIAL

Filed April 25, 1966

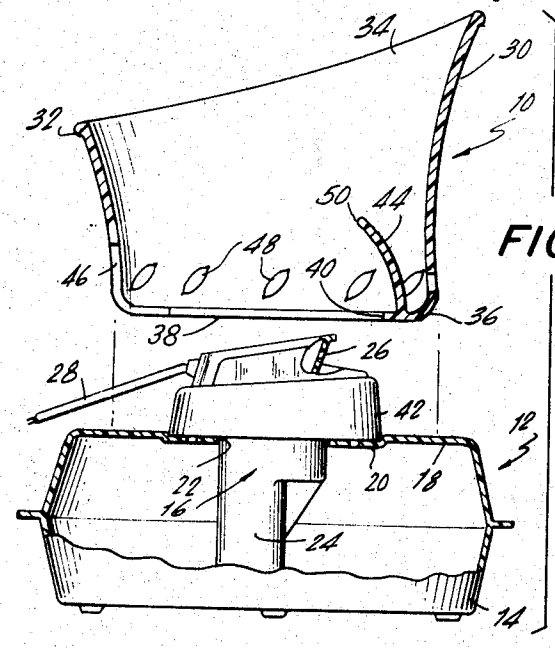


FIG. 1

FIG. 2

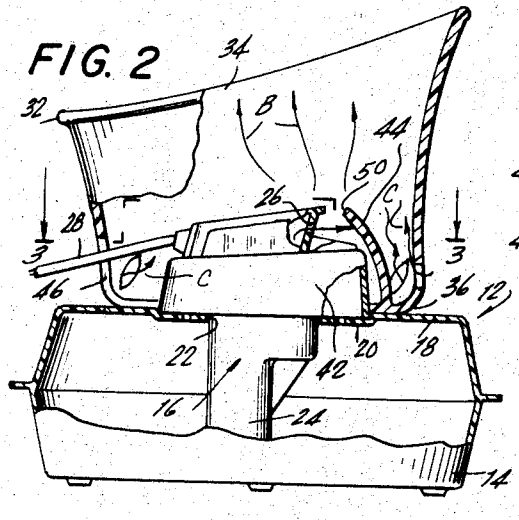
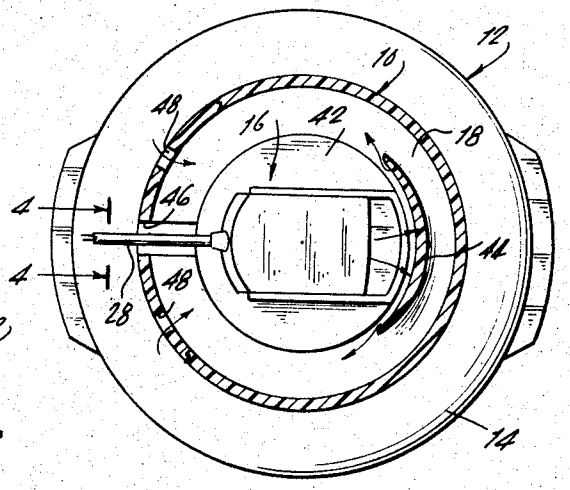


FIG. 3



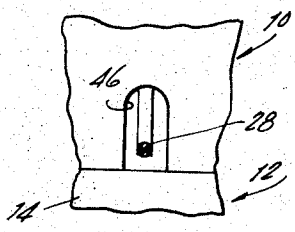


FIG. 4

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HOOD FOR STEAM FACIAL

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ABSTRACT OF THE DISCLOSURE

A device for affording facial treatment comprising a fluid container having an upper wall provided with a primary aperture therein. A vaporizer head for dispensing steam is disposed on the upper wall and extending into the aperture. A hood is disposed on the upper wall and has a lower wall embracing the vaporizer head. The hood has an open upper end for receiving the face of the user. Baffle means are provided for directing the steam in a safe manner towards the user's face.

This invention relates to a cosmetic appliance and more particularly to a steam facial hood for use in combination with an electric vaporizer.

It has been found to be therapeutically and cosmetically effective to subject human skin to a facial treatment including exposure to live steam so that the skin, including the pores may be cleansed and invigorated.

Steam is known to have great penetrating powers in connection with the cleansing and refreshing of the human body, and especially the face thereof. It is the concept of the present invention to provide a hood for use in conjunction with an electric vaporizer to provide a combination for therapeutic and cosmestic facial treatment, while insuring optimum safety and comfort to the user.

The construction of the invention features a hood which is adapted to rest upon the upper wall of the fluid container of an electric vaporizer. The container is provided with a primary aperture therein for receiving the heating unit of a vaporizer head, which seats on the upper wall. A hood is disposed on the upper wall and has a lower wall which embraces the vaporizer head. The hood has an angularly disposed beaded upper end and is provided with cooling air openings therein for partially cooling the steam and preventing overheating while also preventing the formation of any vacuum. Integrally formed with the lower wall of the hood is a baffle. There is the provision of suitable means cooperating with the electric cord set of the vaporizer head to lock the hood and hence the baffle in the desired location relative to the steam outlet or spout of the steam vaporizer head.

One of the important features of the invention is that the lower wall of the hood is suitably sloped to direct condensation fluid back into the vaporizer container.

Still further objects and features of this invention reside in the provision of a steam vaporizer hood which is simple in construction, capable of being molded in a one-step operation out of readily available synthetic plastic materials, such as polyethylene, polyurethane, nylon, polyvinyl chloride, polystyrene, or the like, and which is inexpensive to manufacture, thereby permitting large scale distribution at relatively low cost.

These, together with the various ancillary objects and features of this invention, which will become apparent as the following description proceeds, are attained by this hood for steam facials, a preferred embodiment of which is illustrated in the accompanying drawing, by way of example only, wherein:

FIG. 1 is an exploded side elevational view of the invention with parts of the hood and parts of the vaporizer being broken away showing other parts in section for clarity;

FIG. 2 is a view similar to FIG. 1, but showing the invention in an assembled position;

FIG. 3 is a horizontal sectional view taken along the planes of line 3—3 in FIG. 2; and

FIG. 4 is a sectional detail view taken along the plane of line 4—4 in FIG. 3.

With continuing reference to the accompanying drawing, wherein like reference numerals designate similar parts throughout the various views, reference numeral **10** is used to generally designate the hood which, when utilized in conjunction with a vaporizer, generally indicated at **12**, comprises the combination of the present invention. The vaporizer **12** includes two main parts, a container **14** and a vaporizer head **16**. The vaporizer container **14** is of any suitable shape and is provided with an upper wall **18** having a depressed portion **20** surrounding the periphery of a primary central aperture **22**. The vaporizer head **16** includes a heating element assembly **24** which extends into the container **14** for heating the water in the container through use of electrodes, not shown, within the heating element assembly **24** so that steam is directed outwardly of the spout or outlet **26** of the vaporizer head **16**. An electric cord set **28** is utilized for connecting the vaporizer head to a suitable source of electrical power. The vaporizer head **16** is adapted to be rotated relative to the container **14** to any convenient location and it is to be noted that the container **14** is adapted to be filled with water to which a suitable electrolyte in small quantities, such as a pinch of salt, may be added. The depressed portion **20** of the upper wall **18** may be tapered ever so slightly downwardly and inwardly so that any liquid formed from condensation of steam which gathers thereon will be directed back through the primary aperture **22** and into the container **14**.

The hood **10** includes peripheral side walls **30** which terminate in an angularly inclined preferably arcuate beaded edge **32** defining an open end **34**. At the lower end of the peripheral walls **30**, there is a lower wall **36** having an opening **38** therein defined by the peripheral edge **40** which closely embraces the surface **42** of the head **16**. The bottom walls may be slightly tapered downwardly and inwardly so that liquid condensation material will be fed through the opening **38** into the depressed portion **20** and thence through the primary aperture **22** and into the container **14**.

The side wall **30** is upwardly and outwardly flared, and the peripheral beaded edge **32** is contoured and shaped so as to allow the user to position the user's face above the beaded edge **32**. In order to diffuse and direct the steam throughout the area encompassed by the beaded edge **32**, a baffle **44** is integrally formed with the lower wall and extends to a position whereby it overlies the opening **26** so that steam passing in the direction of arrow A through the opening **26** is deflected upwardly as indicated at arrow B and dispersed. In order to insure that the baffle **44** is at all times correctly positioned in front of the spout or outlet **26**, locking means are provided for preventing relative rotation of the hood **10** with respect to the vaporizer head **16**. This is accomplished by cooperation of the electric cord set **28** with the notched portion **46** formed in the lower wall **36** and in the side wall **32**, which notched portion permits the electric cord set to pass outwardly through the hood, yet limits relative rotation of the hood **10** with respect to the vaporizer head **16**.

A plurality of openings **48** are disposed about the periphery of walls **30** and are disposed below the upper edge **50** of the baffle **44**. These openings serve as cooling air inlets so that cold air may pass in the direction indi-

cated by arrows C, thereby preventing any vacuum being formed and also partially cooling the steam so as to minimize adverse heating of the face of the user while adding to the comfort and further diffusing and dispensing the steam over the entire area of the face to be treated.

A latitude of modification, substitution and change is intended in the foregoing disclosure, and in some instances, some features of the present invention will be employed without a corresponding use of other features. Accordingly, it is appropriate that the appended claims be construed broadly and in a manner consistent with the spirit and scope of the invention herein.

We claim:

1. A device for affording facial treatment comprising a fluid container having an upper wall provided with a primary aperture therein, a vaporizer head for dispensing steam disposed on said upper wall and extending into said aperture, and a hood disposed on said upper wall and having a lower wall embracing said vaporizer head, said hood having an open upper end, and baffle means integral with and rising from said lower wall for diffusing steam emanating from said vaporizer head and directing the steam toward said open upper end, said upper wall having a depressed portion therein surrounding said aperture, said lower wall extending inwardly of said depressed portion so that condensation fluid will be directed from said hood onto said depressed portion and thence back through said aperture into said container.

2. A device according to claim 1, including locking means for preventing relative rotation of said hood with respect to said vaporizer head, said vaporizer head including an electric cord, said locking means including a slot in said hood for receiving said electric cord therethrough.

3. A device according to claim 1 including means on said hood and on said vaporizer head for limiting relative rotation therebetween so that said baffle is maintained in a predetermined location relative to the steam being dispensed by said vaporizer head.

4. A device according to claim 1, wherein said hood is provided with cooling air inlet means disposed below the uppermost edge of said baffle.

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