Jan. 20, 1953 M. A. FOGEL ET AL 2,626,343

SINUS AND FACIAL MASK

Filed Aug. 14, 1948

FIG. 5

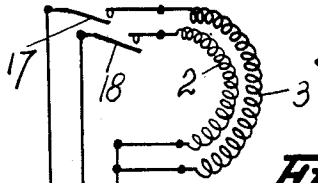


FIG. 1

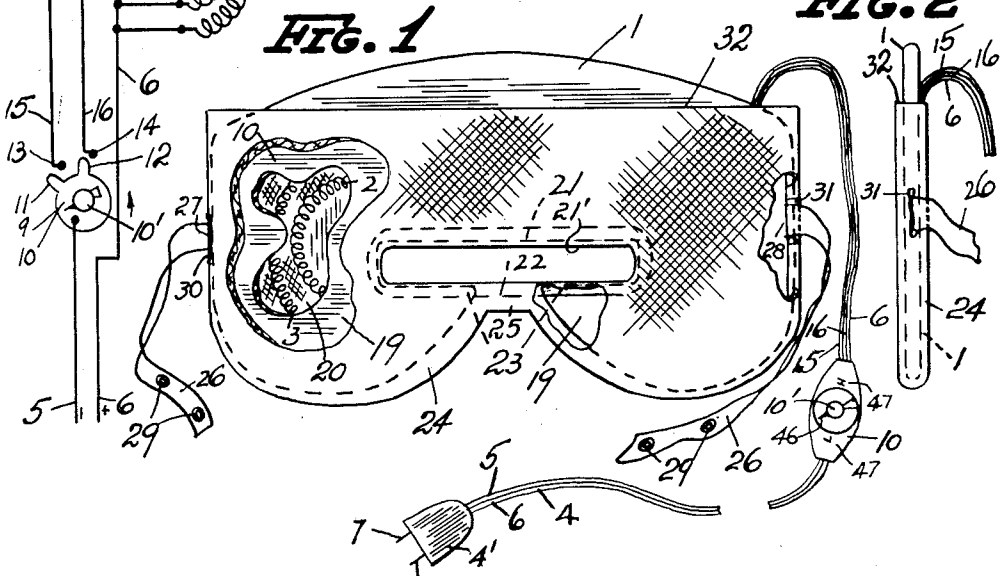


FIG. 2

FIG. 3

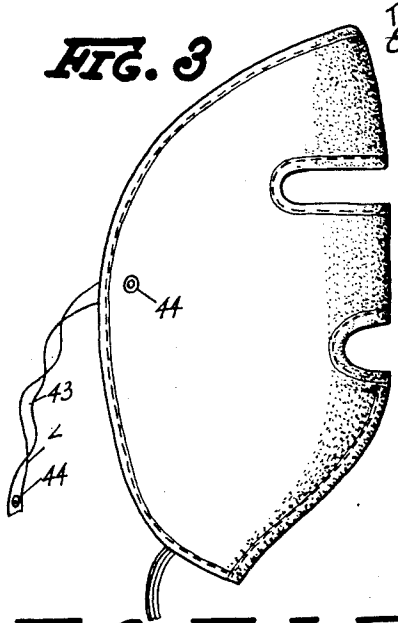


FIG. 4

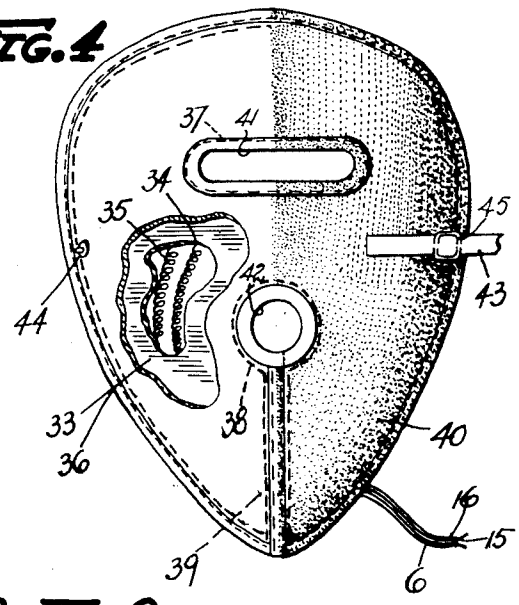


FIG. 6



FIG. 7



FIG. 8

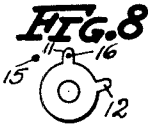


FIG. 9



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SINUS AND FACIAL MASK

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Application August 14, 1948, Serial No. 44,374

1 Claim. (Cl. 219—46)

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Our invention relates to an electrically heated facial mask having a coincident eye slot through the several parts.

Among the purposes and objects are to provide an electrical heating member separable from the cover and both formed to fit the face of the user.

Another object is to provide a facial mask which may be easily cleaned and formed to fit the face and eyes.

Still another object is to provide a heating member with elements and controls having an eye and nose cut out and a cover which may be removed for cleaning, both coincident eye slots with a bridge on the cover over the nose to conform to the face of the wearer and to hold the sides of the nose cut out of the heating member from being spread apart.

Another object is to provide a closely fitting mask with a heating element manually controllable to adjust the temperature and a plurality of thermostatically controlled heater elements.

An object is to provide a heating member conforming and detachably securable to the face of the wearer, the member having a plurality of independent electric heater elements and a plug-in cord and switch for supplying electric current to one of said elements or to another of said elements or to all of said elements whereby the heat may be adjusted in the heating member.

We accomplish these and other objects by the construction herein described and shown in the drawings which form a part of this, our disclosure.

In the drawings:

Fig. 1 is a front view of our mask and cover.

Fig. 2 is an edge view or end elevation of our mask when not in use or when not secured to conform to the face.

Fig. 3 is a side elevation of a modification of our mask and cover for covering the entire face.

Fig. 4 is a front view of the modification shown in Fig. 3.

Fig. 5 is a wiring diagram.

Figs. 6, 7, 8 and 9 are details showing the positions of the control switch.

Similar reference characters refer to similar parts throughout the several views of the drawing and in the specification.

Masks for applying and holding treatments and packs to improve the complexion are becoming well known and the numerous benefits need not be set forth here further than to show how the structure of our mask makes its application for numerous treatments possible and particularly

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the ease with which the parts are secured to each other and applied to snugly fit the face as well as to be detached for cleaning and storing away between treatments.

The application of heat at the precise place and in the precise degree has demonstrated the advantages over cold treatments; heat hastens and increases most chemical action and also is recognized as valuable in improving the skin and beauty in facial applications.

Our device has been so constructed as to hold the parts to conform to the surface of the face and also make the comfort and convenience of its use so easy that all may now benefit in facial treatments where heretofore only a few were fortunate enough to afford the benefits of heat applications.

We have not attempted herein to show all possible modifications of our invention but rather have described a preferred embodiment in detail so that one skilled in the art to which it pertains may readily understand the construction. Modifications may suggest themselves after a study of this disclosure.

The preciseness of the detailed description and the preciseness of the drawing are not intended to limit the scope of our invention which is set forth in the appended claim.

Referring to the drawing we have shown an inner heating member 1 having a plurality of electric heating elements 2 and 3 one of which may be larger than the other for instance the heating element 2 may be suitable for 50 watts while element 3 may be suitable for 100 watts; the capacity and member of the plurality of elements may vary to suit the size and use for which our mask is adapted.

A plug-in cord 4 is provided to supply electric current from a typical electric plug in outlet (not shown) such as is commonly provided for portable electrical appliances. The plug 4' of which has two wires 5 and 6 which are connected to the usual connector prongs 7 and 8 thus making it possible to complete a single circuit when the prongs of the plug are inserted into the outlet.

By referring to the diagram, Fig. 5, the wire 5 is shown as connected to the movable conductor 9 of a switch 10 having two contacts 11 and 12 which may be rotated by the operator 10' to make contact with the terminals 13 and 14 or either contact 11 or 12 may be turned to contact either terminal 13 or 14 to which the wires 15 and 16 are connected, the wire 15 being connected to the thermostat 17 and element 3 while the wire 16 is connected to the thermostat 18 and the element 2.

The wire 6 is connected to both elements 2 and 3.

The several positions of the control switch 10 are shown in Figs. 6, 7, 8 and 9. In Fig. 6 both elements 2 and 3 are connected to wire 5 to deliver the maximum heat to the heating member. Fig. 7 shows the element 3 only as connected; giving medium heat. Fig. 8 shows the element 2 connected giving minimum heat. Fig. 9 shows the switch in its "off" position; both elements or all of the elements, if more than two elements are used in the heating member may be turned on or off and any of a plurality of elements may be turned on separately to give the desired heat.

The heating member is preferably a unit having a flexible housing 19 which surrounds the elements and the filler 20 all of which act as a pad to conform to the face and having a slot 21 for the eyes cut away at 22 over the nose to permit the ends 23 to lie on either side of the nose of the wearer.

A removable outer cover 24 is provided with an eye slot 21' to conform with the slot 21 in the heating member. A bridge 25 over the cut out 22 and over the nose is provided to hold the points 23 and sides of the cut out from being separated when the ties and securing means 26, which are preferably elastic, are secured to the edges 27 and 28 to draw the mask snugly in place on the wearer. The ties may be a pair of elastic pieces, ribbons or tape having snap fasteners or other securing means 29 at their free ends to unite the ends after being placed around the head of the wearer.

The cover 24 is provided with open slits 30 and 31 through which the ties are inserted when the heating member is inserted into the removable outer cover. The wires 6, 15 and 16 for the heating elements and heating member are insertable into the open top 32 of the cover or other opening to permit removal.

In Figs. 3 and 4 we have shown a modification of our mask which covers the entire face for facials and other treatments requiring heat to be applied to the lower as well as the upper part of the face. The heating member 33, except for its larger size, is, in many respects, similar to the heating member 1.

The heating member 33 is provided with the heating elements 34 and 35 which are covered by the flexible inner cover or housing 36 which is provided with an eye slot 37 and a nose and mouth opening 38 which may be provided with a cut out portion 39 below the nose. A washable outer cover 40 enclosing the heating member 33 is provided having an eye slot 41 and nose opening 42 both substantially conforming to the eye slot 37 and nose opening 38 in the heating

member so that the user may see and breathe while the mask is secured to the face by the elastic tie 43 which is passed around the head and secured by the fastener 44.

The wires 6, 15 and 16 pass through an opening in the outer cover 40.

The length of the tie 43 may be changed by the buckle or clasp 45.

The control and switch 10 is preferably provided with a pointer 46 which may be turned to register with the indicia 47 to indicate high, medium, low or "off" positions of the switch and its operator 10'.

The materials as well as the size of the parts may vary to suit the many treatments for which our mask is adapted.

Having thus described a preferred embodiment of our invention what we claim as new and desire to secure by Letters Patent is set forth in the following claim.

We claim:

A facial mask and removable cover, comprising a heating member having electric heating elements and a plug-in cord for supplying electric current thereto and a slot for the eyes, ends spaced apart at each side of the nose, ties secured at and to each side of said heating member, a removable cover substantially surrounding said heating member, having a slot conforming to the slot for the eyes in said heating member, both parts, the front and back, being united around the slot, and a bridge over the nose, said cover being open at the top for the heating member and plug-in cord to freely enter and through which said heating member and cord may freely pass as when being withdrawn from the confines of the cover, said heating member projecting above the edges at the open top of said cover.

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