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FACIAL INVIGORATING MASK

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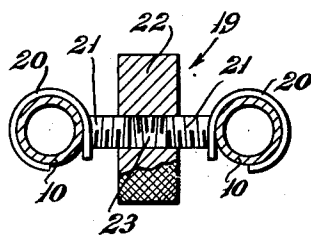
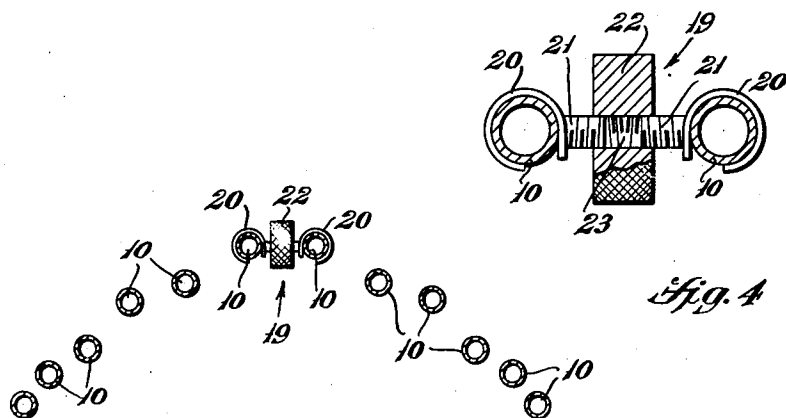
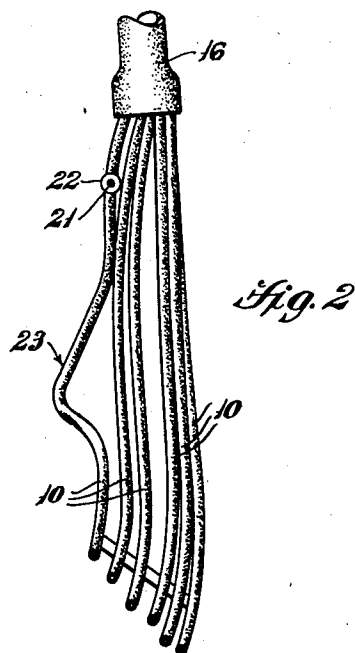
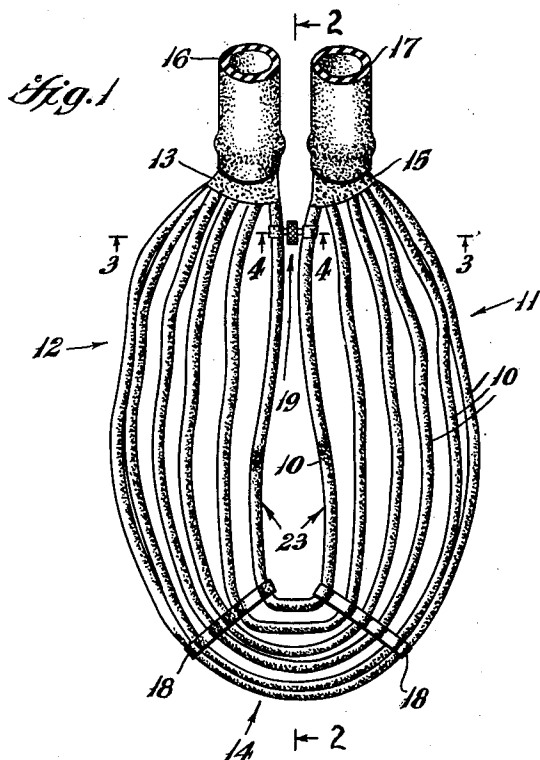


Fig. 3

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FACIAL INVIGORATING MASK

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3 Claims. (Cl. 257-12)

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This invention relates to facial invigorating apparatus, particularly such as is adapted for use in so-called beauty treatments, and aims to provide new and useful improvements in masks adapted to be applied to the face and having means for circulating warm or hot water through the mask.

Another object of the invention is the provision of a mask formed of a plurality of doubled-back tubes spaced from each other and all so shaped that the mask serves to follow the contours of the face so that it may register complementarily against the face, the tubes having a common inlet at one end and a common outlet at the other end, the inlet and the outlet being supplied with suitable nipples for attaching hoses thereto so that the water may circulate through the tubes. With the mask positioned on the face, a mass of clay or clay-like material is spread on and between the tubes in moist or soft and mouldable condition, and the clay, when hardened, will of course follow exactly the contours of the face, with the above-mentioned tubes lying imbedded in the clay mask, so that when the water circulates through the tubes it will heat the clay as well.

A still further object of the invention is the provision of means for adjusting the width of the tubular mask to accommodate the width or features of the face of the person.

The above as well as additional objects will become apparent in the following description, wherein characters of reference refer to like-numbered parts in the accompanying drawing. It is to be noted that the drawing is intended for the purpose of illustration only, and that it is neither intended nor desired to limit the invention necessarily to any or all of the exact details of construction shown excepting insofar as they may be deemed essential to the invention.

Referring briefly to the drawing, Fig. 1 is a front elevational view of the tubular mask of this invention.

Fig. 2 is a sectional view taken on the line 2-2 of Fig. 1.

Fig. 3 is a sectional view taken on the line 3-3 of Fig. 1.

Fig. 4 is a sectional view taken on the line 4-4 of Fig. 1.

Referring in detail to the drawing, the numeral 10 indicates a plurality of hollow tubes which may be made of aluminum or other suitable material, which are grouped into two parts 11 and 12 by doubling them at the middle 14 so that the mid-section 14 of the tubes represents the chin

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of the mask and the two bilaterally symmetrical parts 11 and 12 represent the sides of the mask. The tubes at the sides 12 have their ends gathered into a manifold 13, and at the other side 11 the tubes have their other ends gathered into a manifold 15; these manifolds are provided with nipples, not shown, to which the ends of tubes or hoses 16 and 17, respectively, may be attached.

The mask shown is bilaterally symmetrical on the two sides of the section line 2-2 of Fig. 1. Each tube 10 on each side of the mask, is spaced from its neighboring tube 10, and each tube 10 is deformed or shaped to follow the contour of that part of the face against which it will register in the finished mask. Likewise, the tubes 10 which, as stated, are doubled back at 14, are so shaped around the bight 14 as to follow the contour of the chin. Diagonal reinforcing straps or ribs 18 are provided substantially as shown, at the lower end of the mask, to resist undue flexing of the mask during handling.

As the faces of some persons are wider than those of others, it is desirable that the mask be made adjustable to suit such variations. For this purpose an adjusting member 19 is provided between the two ends of the innermost tube 10 near the top of the mask. Bands 20 are snapped or otherwise secured to the opposed ends of this tube, and axially aligned, reversely threaded stems 21 are secured or formed integral with the bands, as shown in Fig. 4. A knurled nut 22 having a threaded axial bore 23 therethrough, receives the opposed ends of the stems 21 in its bore. It is apparent that turning of the nut in one direction will spread the ends of this tube 10, and reverse turning of the nut will bring them together. Since the ends of all the tubes 10 on both sides 11 and 12 of the mask are retained by their respective manifolds 13 and 15 against displacement with respect to each other, spreading of the innermost tube as just described will of course spread the two sides 11 and 12 of the mask with the lower end 14 of the mask serving as a pivot. All of the tubes 10, as is apparent, are substantially U-shaped.

The provision of both the inlet and the outlet for the tubes at the top, and the collateral provision of the down-and-up path of each tube, means that the warm or hot water will pass down the mask on one side and up the mask on the other, so that, approximately speaking, only one-half the amount of hot water will be required compared with a mask in which the inlet is at the top and the outlet at the bottom of the mask.

Fig. 2 shows the shape of the mask in the equiv-

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alent of a profile, showing how the two sides of the innermost tube 10 are shaped to form the contour of a nose, at 23.

Obviously, modifications in form and structure may be made without departing from the spirit and scope of the invention.

I claim:

1. A facial mask comprising a plurality of substantially U-shaped tubes of increasingly larger size positioned substantially one within the other thereby making the mask bilaterally symmetrical, an inlet tube and an outlet tube, the ends of said tubes on one side of the longitudinal median line of the mask being gathered together and secured to said inlet tube and communicating therewith, the ends of said tubes on the other side of said median line being gathered together and secured to said outlet tube and communicating therewith, said inlet and outlet tubes being adapted to have hoses attached thereto to circulate water through said U-shaped tubes, said U-shaped tubes being deformed to follow the contours of a face.

2. The mask set forth in claim 1, said mask

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being substantially U-shaped as a consequence of the said U-shape of said tubes, said mask having means for spreading the upper ends of said mask and thereby widening the mask and for releasably retaining the mask in widened condition.

3. The mask set forth in claim 1, the smallest and hence innermost of said tubes having horizontally aligned threaded stems secured at one end thereto, and a knurled nut having a threaded bore therethrough, said stems entering said bore from opposite ends and registering therein.

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REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
301,931	Smith et al.	July 15, 1884
397,810	Medynski	Feb. 12, 1889
2,324,533	Pearson et al.	July 20, 1943
2,438,069	Mingea	Mar. 16, 1938