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PATENT SPECIFICATION

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(19)



(54) MASSAGING MASK

(71) I, AN-CHUAN WU, a citizen of Taiwan, of 2F, No. 217, Chien Kuo South Road, Taipei, Taiwan, Republic of China, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to a massaging mask.

In conventional face massaging, for example, a massaging rod is held in contact *via* one end of the rod, on the face, and is moved from point thereon to achieve the desirable massage effect. With this kind of massaging rod, it not only takes considerable time to complete the massage operation, but in addition an even and simultaneous massaging action on the entire face is not achieved.

According to the present invention, there is provided a massaging mask for massaging the human face formed of two layers and having at least one vibrator between said two layers, the masks being provided with openings for the eyes, ears and nose of the face of a user, and an adjustable fastener integrally formed with the mask to permit the mask to be fastened to the users head.

The invention will now be described by way of example with reference to the accompanying drawings, in which:

Figure 1 is a perspective view of a massaging mask;

Figure 2 is a diagrammatic rear view of Figure 1 in extended form with the inner layer partly broken away;

Figure 3 is a rear view showing an alternative embodiment of the inner layer structure; and

Figure 4 is a diagrammatic elevation of a vibrator.

The massaging mask 1 shown in the drawings consists of an outer layer 11 and an inner layer 12, and one or more vibrators 2 sandwiched between the two layers 11 and 12.

The layers 11 and 12, are made of a soft and flexible material, such as a textile fabric. The inner layer 12 for disposing immediately adjacent the user of the masks, may be alternatively made of an elastic fabric, such as stretch nylon, as shown in Figure 3.

The mask 1 is provided with an opening 13 substantially in a central area thereof, to act as a window, for the eyes, and a smaller opening 14 to act as a breathing hole for the nose of a user of the mask. An adjustable buckle 15 is provided to permit the mask to be fastened in a conventional manner to the rear of the users head. The mask 1 is also provided with further openings 16 for receiving the ears of a user of the mask.

The vibrators 2 are embedded between the two layers 11 and 12 and secured on either layers 11 or 12, or on both layers 11 and 12. The arrangement and number of the vibrators 2 can be varied as desired.

In general, various conventional vibrators can be used to effect the desirable vibration and thereby the massaging action. As shown in Figure 4, the preferred embodiment of the vibrator 2 comprises a housing 21, a miniature motor 22 inside the housing and placed at the base thereof, a shaft 23 driven by the motor 22, and an eccentric disc 24 mounted at the free end of the shaft 23. The vibrators 2 are electrically connected in series, and the terminal 25 thereof may be connected to either direct current (DC) or alternating current (AC) source.

In operation, the massaging mask is initially positioned on the face of a user and the buckle 15 is adjusted to achieve the desired and appropriate tightness. The mask then covers entire face except the eyes, ears and nose which appear through the openings 13, 14 and 15, respectively.

The vibrators 2 are then energized to effect the vibrating action, hence to exercise the massage operation on entire face.

The above embodiment is given for illustration and not by way of limitation, and

modifications will be evident to those skilled in the art which will fall within the scope of the attached claims.

WHAT I CLAIM IS:—

1. A massaging mask for massaging the human face formed of two layers and having at least one vibrator between said two layers, the mask being provided with openings for the eyes, ears and nose of the face of a user, and an adjustable fastener integrally formed with the mask to permit the mask to be fastened to the user's head.

2. A massaging mask as claimed in Claim 1, wherein the or each vibrator comprises a housing, a miniature motor placed inside the housing, a shaft driven by the motor, and an eccentric disc mounted at free end of the shaft.

3. A massaging mask as claimed in Claim 1 or 2, wherein both said layers are made of a soft and flexible material.

4. A massaging mask as claimed in Claim 3, wherein the soft and flexible material is a textile fabric.

5. A massaging mask as claimed in any preceding claim, wherein one of said layers is made of a stretchable fabric material, being that layer for disposing immediately adjacent the user's head.

6. A massage mask as claimed in Claim 5, wherein the stretchable fabric material is nylon.

7. A massaging mask substantially as hereinbefore described with reference to and as illustrated in the accompanying drawings.

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2. A massaging mask as claimed in Claim 1, wherein the or each vibrator comprises a housing, a miniature motor placed inside the housing, a shaft driven by the motor, and an eccentric disc mounted at free end of the shaft.

3. A massaging mask as claimed in Claim 1 or 2, wherein both said layers are made of a soft and flexible material.

4. A massaging mask as claimed in Claim 3, wherein the soft and flexible material is a textile fabric.

5. A massaging mask as claimed in any preceding claim, wherein one of said layers is made of a stretchable fabric material, being that layer for disposing immediately adjacent the user's head.

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