

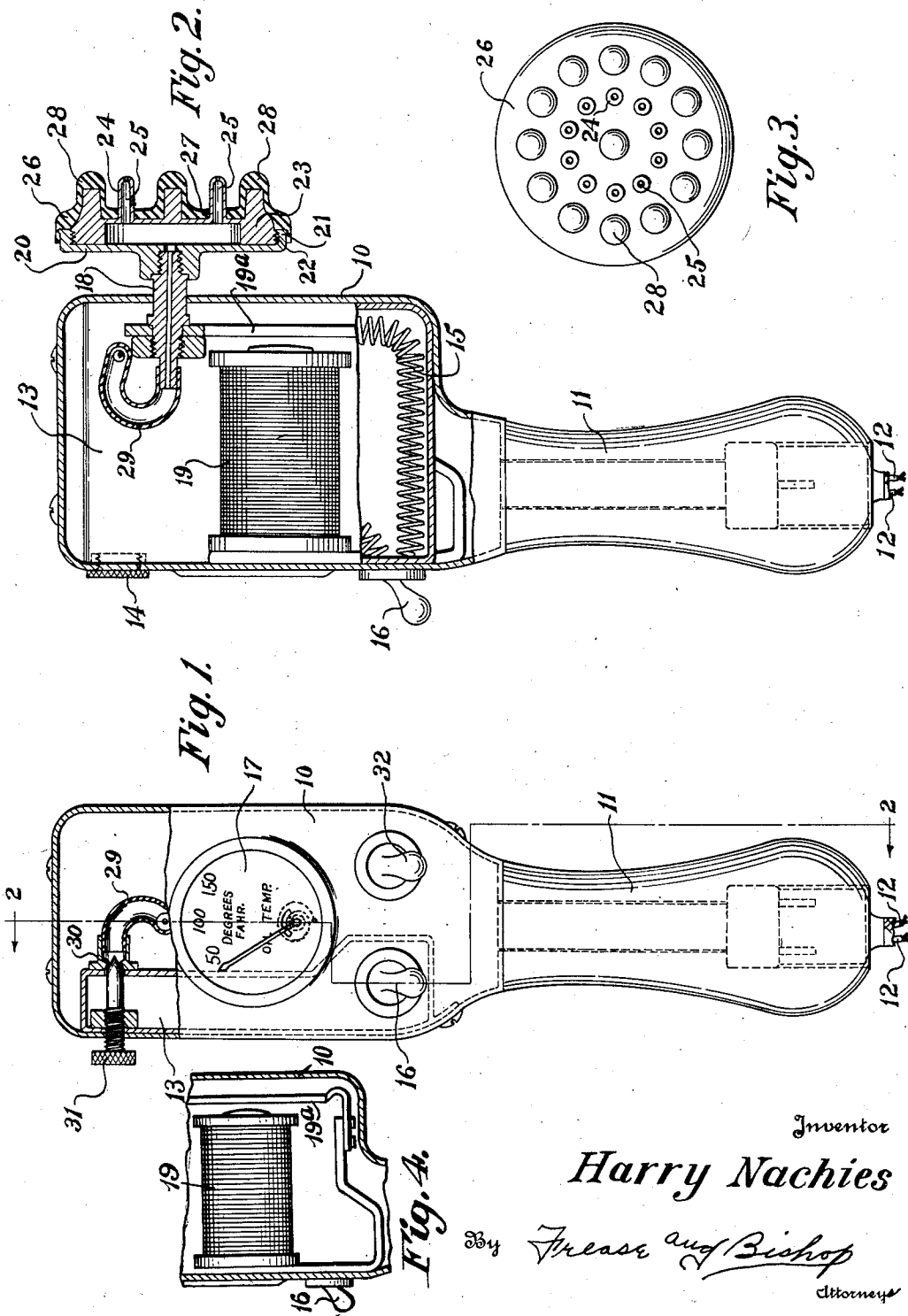
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FOUNTAIN VIBRATOR

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FOUNTAIN VIBRATOR

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The invention relates to massage vibrators and more particularly to a vibrator adapted to apply heated oil or other liquid to the scalp.

5 The object of the improvement is to provide a vibrator having a head or casing within which is mounted a reservoir containing oil or the like, means being provided for heating the oil within said casing and for
10 distributing the oil through the vibrating applicator or massage appliance.

Another object is to provide means for electrically operating the applicator and for electrically heating the oil, independent
15 means being provided for controlling the vibrating means and the heating means.

A still further object of the improvement is to provide a novel construction of applicator or massage appliance for distributing
20 the oil to the scalp and for massaging the scalp.

The above and other objects may be attained by constructing the improved vibrator in the manner illustrated in the accompanying
25 drawing, in which

Figure 1 is an elevation of the vibrator with parts broken away for the purpose of illustration;

30 Fig. 2, a section taken substantially on the line 2—2 of Fig. 1;

Fig. 3, a front elevation of the improved applicator; and

Fig. 4, a section showing the vibrating means.

35 Similar numerals refer to similar parts throughout the drawing.

The improved electric massage vibrator to which the invention pertains includes a casing 10 provided with the usual handle 11
40 for operating the same, the electric cords 12 for operating the vibrating mechanism, as well as the heating mechanism which will be later explained, being located through the handle in usual and well known manner.

45 Located within the casing 10 is a tank or reservoir 13 adapted to contain oil or other liquid to be applied to the scalp. An oil filler cap 14 is provided for normally closing the filling opening through which oil may
50 be supplied to the reservoir.

For the purpose of maintaining the oil at the desired temperature for use, when the vibrator is in operation, an electric heating element 15, of any usual and desirable construction, is located within the reservoir 13
55 and arranged to be connected in well known manner with one of the electric cords 12, a switch 16 being provided for controlling the circuit to said heating element. If desired, an indicator of any suitable construction, as
60 shown generally at 17, may be provided for indicating the temperature of the oil within the reservoir 13.

The vibrator is provided with a stem 18, extending through one side of the casing, and carried by the armature 19 adapted to be given the usual vibratory movement as
65 by an electro-magnet 19. This stem is preferably formed so that it will detachably receive an applicator provided with a yielding portion adapted to contact with the scalp or
70 other part to be massaged in well known manner.

For this purpose the outer end portion of the stem 18 may have connected thereto
75 the back member 20 of the applicator which may be formed of aluminum or the like in the form of a disk provided with the peripheral flange 21 preferably internally screw threaded as indicated at 22 to receive the outer member 23
80 of the applicator which may also be formed of aluminum.

The outer member 23 is provided with a plurality of nipples 24 having openings 25
85 therethrough for conveying oil to the scalp as will be later described. The soft rubber member 26 fits over the outer face of the applicator, being provided with apertures 27 through which the nipples 24 are received and having soft rubber teeth 28 of greater
90 height than the nipples 24 for contact with the scalp.

The stem 18 is hollow and the inner end thereof is connected to a flexible hose 29 leading from the outlet 30 of the oil reservoir.
95 For the purpose of controlling the flow of oil from the reservoir through this hose to the applicator, a valve 31 may be provided.

The electro-magnet 19 is adapted to be connected to the other of the electric cords 12, a
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switch 32 being provided for controlling the circuit to the magnet independently of the operation of the heating element 15.

In the operation of the vibrator the applicator may be vibrated in usual manner by means of the magnet 19 and heated oil from the reservoir 13 will be conveyed through the hose 29 and hollow stem 18 to the applicator, being discharged through the nipples 25 upon the scalp, the rubber fingers 28 massaging the scalp at the same time.

By forming the rubber fingers 28 of greater length than the metal nipples 25 it will be seen that these metal nipples will be held out of contact with the scalp, thus preventing injury to the user.

By having independent switches for the magnet and the heating element it will be seen that in the event the oil is heated beyond the temperature desired, the heating element may be disconnected without interfering with the operation of the applicator.

Although a particular type of applicator is illustrated, especially designed for massaging the scalp and for distributing oil thereto, it should be understood that this applicator may be removed from the stem 18 and replaced by any usual form of applicator for massaging the face or body, whereby the vibrator may be used, if desired, in the same way as any usual form of vibrator now in general use.

I claim:

1. A vibrator including a casing, an oil reservoir within the casing, an electric heating element within the reservoir, a hollow vibratable stem located through one side of the casing, electric means within the casing for vibrating said stem, a hose connecting the reservoir to said stem, an applicator upon the stem provided with nipples to distribute the oil, and independent switches for controlling the heating element and the vibrating means.

2. A vibrator including a casing, an oil reservoir within the casing, an electric heating element within the reservoir, a hollow vibratable stem slidably located through one side of the casing, means within the casing for vibrating said stem, a flexible hose within the casing connecting the reservoir to said stem, an applicator upon the stem provided with nipples to distribute the oil, and a switch for controlling said heating element.

In testimony that I claim the above, I have hereunto subscribed my name.

HARRY NACHIES.