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LIQUID RESERVOIR APPLICATOR FOR MASSAGE VIBRATORS

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Fig. 1.

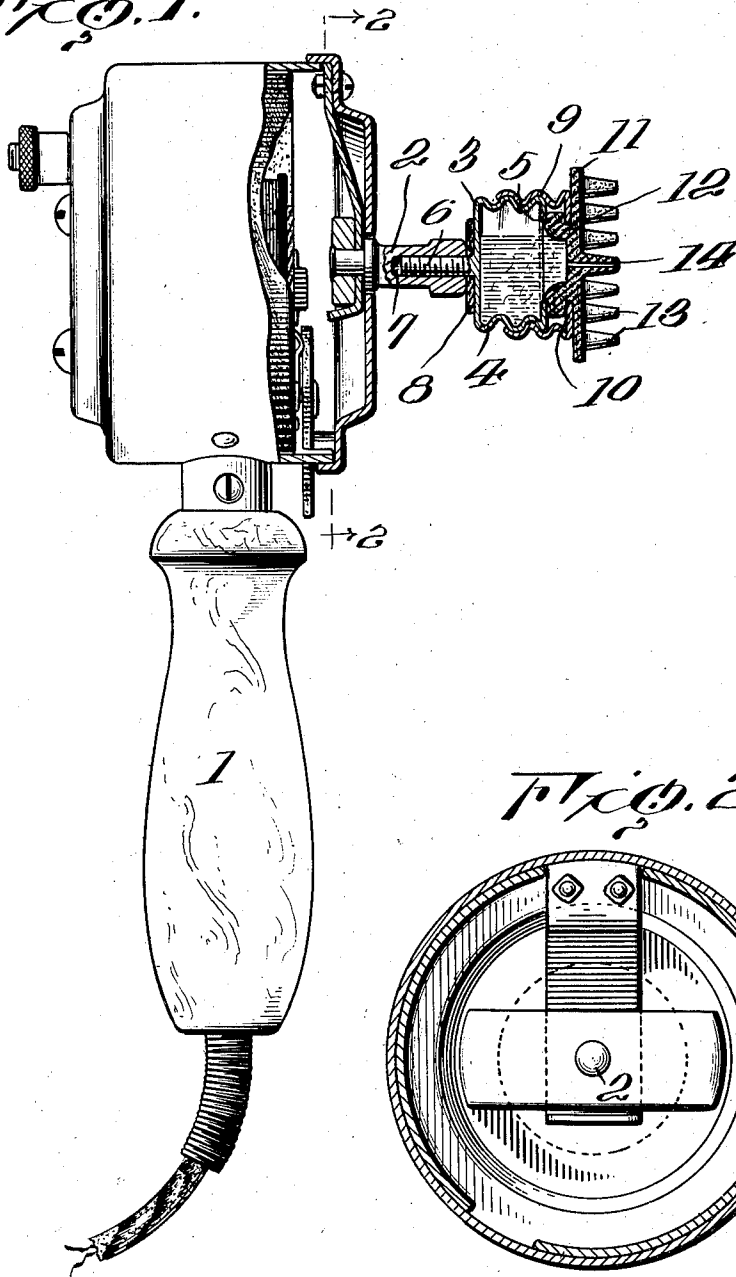
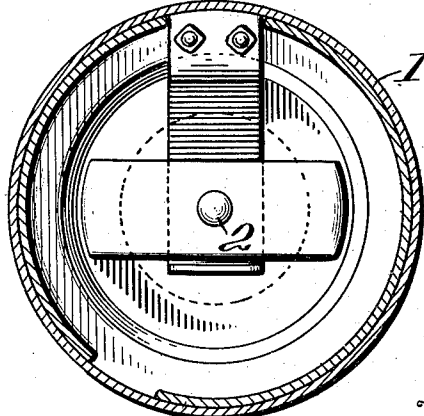


Fig. 2.



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LIQUID-RESERVOIR APPLICATOR FOR MASSAGE VIBRATORS.

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This invention relates to massage vibrators of the electrically operated type, and more particularly to the applicator or rubber massage appliance which is attached to the vibratable stem of the massage vibrator.

One of the objects of this invention is to provide an applicator adapted for attachment to the vibratable stem of the massage device, which applicator is adapted to hold a quantity of liquid and to permit its distribution to the part to be massaged during the massaging treatment.

Another object of this invention resides in providing a simple applicator attachment for the stem of the electric vibrator, which attachment consists of the usual rubber-faced massaging appliance, but which is constructed and arranged in separable parts, which, when put together, form a closed reservoir adapted to contain sufficient massaging liquid for a treatment, said rubber surface being further suitably perforated to permit the flow of massage liquid therethrough.

These and other objects of the invention will be apparent from a perusal of the following specification when taken in connection with the accompanying drawing, wherein—

Figure 1 is a side view, partly in section showing the novel type of applicator as attached to the vibratable stem of the electric massage vibrator, and

Fig. 2 is a section taken on the line 2—2 of Fig. 1.

Referring now to the drawings in detail, the usual electric massage vibrator 1 is provided with a stem 2 which is given the usual vibratory movement. This stem 2 is formed so that it will detachably receive an applicator having a yielding portion adapted to contact with the part to be massaged as is well known in the art. The novelty in the present invention resides in suitably constructing the applicator so that it forms a liquid container adapted to hold a sufficient quantity of massaging liquid, which liquid is permitted to flow to the yielding surface during the massaging treatment.

In the specific embodiment illustrated, the applicator comprises a sheet metal cup 3 formed with the screw threads 4 and provided with an internal lip 5 at the open mouth of the cup. The other end of the cup is provided with a screw-threaded stem 6

adapted for threaded connection with the threaded bore 7 of the stem 2. A suitable gasket 8 surrounds the stem 6 to make the connection tight. This cup 3 is of sufficient size to hold a suitable quantity of liquid, such as oils, tonics, hair restorers and massaging liquids or the like.

The shell-like cup 3 is closed by a cap or closure 9 which is also preferably of sheet metal and screw-threaded so as to engage the threads 4 of the cup 3. The outer end of the closure 9 is provided with an inturned lip or flange 10 to which is preferably moulded the rubber facing 11 of the applicator. This rubber facing is provided with a rearwardly extending annulus 12 which is adapted to seat firmly against the inturned lip 5 of the cup 3, and thereby make a sealed joint. The rubber facing 11 may be of any desired design. In the present instance, it is shown with a plurality of tits or prongs 13 adapted to contact with the part to be massaged. Any number of these tits or prongs are provided, and certain of them are hollow or perforated to provide passages 14 leading into the interior of the shell so that the liquid therein may flow outwardly through these tits or prongs and be applied to the part to be massaged during the treatment. Manifestly, other designs of applicators are within the contemplation of this invention. For instance, instead of screw threading the two detachable portions of the applicator, a friction fit may be used, and further, instead of making the container of two detachable portions, the same effect may be attained by forming an integral shell-like body and providing the same with a filling aperture for the massaging liquid.

It will be noted that the applicator as shown in this invention is very simple, is easy to fill, is very economical, and makes an extremely handy device for massaging all parts.

It is obvious that minor changes in the details of construction and the arrangement of the parts may be made without departing from the spirit of the invention as set forth in the appended claims.

Having thus described the invention, what I claim as new and desire to secure by Letters-Patent, is—

1. An applicator comprising a metal cup-like structure having circumferential screw

threads, a coupling adapted to work on the vibratable stem of an electric massage vibrator, and a projecting flange at its rim; a metal shell having circumferential threads adapted to engage the threads of said cup-like structure, and provided with a projecting flange in spaced parallel relationship to said first projecting flange on said structure; and a rubber facing molded to said flange on said shell and having prongs on its exterior with passages therethrough to convey liquid from said cup; said flanges engaging said facing therebetween to form a liquid-tight seal under the action of said screw threads.

2. An applicator comprising an inner and an outer member threaded together, one of said members constituting a reservoir and having a connection for adjustment to the vibratable stem of an electric massage vibrator, said members having parallel flanges, and a rubber facing having a flange adapted to be engaged between the flanges of said

members to form a sealed joint therebetween, said facing having apertures therein for the passage of liquid from said reservoir to the exterior of said facing.

3. An applicator for an electric massage vibrator comprising a cup-like structure provided with a coupling member for connection with the vibratable stem of an electric massage vibrator, said cup-like structure having circumferential threads and an inturned lip, a closure comprising a shell having circumferential threads and an inturned flange, and a rubber facing moulded to said flange, said rubber facing having a rearwardly extending plurality of hollow prongs, said annulus being constructed and arranged to be clamped between said flange and lip when said cup-like structure and closure are screwed one upon the other.

In testimony whereof, I affix my signature.

ALVA T. SMITH.