

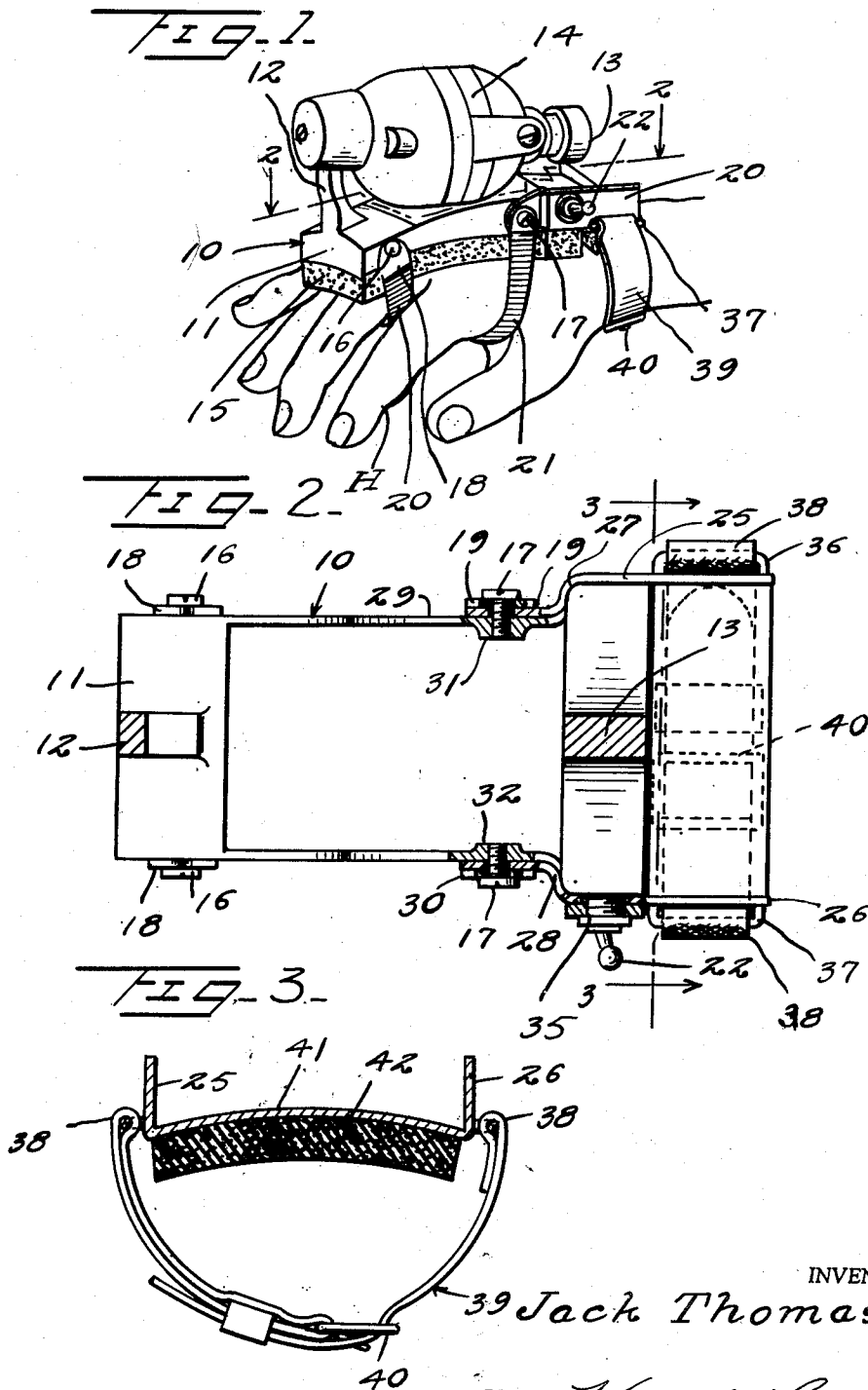
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MASSAGING MACHINE ATTACHMENT

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ATTORNEYS

1

2,703,571

MASSAGING MACHINE ATTACHMENT

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1 Claim. (Cl. 128—36)

This invention relates to an attachment for vibrators, and more particularly to an attachment for those vibrators adapted to be worn on the hand for imparting agitation to the hand for vibrators.

A primary object of this invention is the provision of an attachment comprising a pair of rearwardly extending plates adapted to carry a wrist strap to prevent creeping forward on the hand.

As conclusive to a clearer understanding of this invention, it may here be pointed out that hand vibrators are in wide use in barber shops, beauty parlors, massage establishments, and the like, and that conventionally these carry two flexible straps, one of which is adapted to encircle the fingers and the other the palm of the hand below the thumb. These devices conventionally carry a motor which imparts ready agitation to the device and hence the hand. An important difficulty in the use of a device of this nature is that when the motor is in operation the agitation of the device causes the same to move forwardly and off the hand, which results frequently in delay and sometimes in discomfort. It is an important object of this invention, therefore, to provide a means whereby such creeping is thereby prevented.

Still other objects will in part be obvious and in part be pointed out as the description of the invention proceeds, and as shown in the accompanying drawing wherein there is disclosed a preferred embodiment of this inventive concept.

In the drawing:

Figure 1 is a perspective view of one form of the device embodying the instant inventive concept, shown as applied to the hand of the user.

Figure 2 is an enlarged sectional view taken substantially along the line 2—2 of Figure 1 as viewed in the direction indicated by the arrows.

Figure 3 is a sectional view taken substantially along the line 3—3 of Figure 2 as viewed in the direction indicated by the arrows.

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

Having reference now to the drawing in detail, and more particularly to Figure 1, there is generally indicated at 10 a vibrator of any desired type adapted to be applied to the hand of a user.

The device includes a base block 11, which carries motor supports 12 and 13 for the accommodation of a motor supplied with current from any desired source (not shown).

Beneath the base is positioned a pad 15 preferably of sponge rubber which is adapted to rest on the back of the user's hand. Positioned on either side of the base 11 are threaded apertures for the reception of front screws 16 and rear screws 17 which serve to retain the apertured

2

ends 18 and 19 of resilient straps 20 and 21 respectively. An agitating switch 22 is provided for the integration of the motor. Straps 20 and 21 are, as best shown in Figure 1, adapted to pass beneath the fingers and the palm of the hand respectively, so that when the motor is energized it is toward the hand.

The device so far described has been largely conventional and applicant's invention consists in a pair of oppositely positioned plates 25 and 26 respectively, each provided with off-set portions 28 and forwardly extending apertured portions 29 and 30 respectively. The assembly screws 17 are adapted to pass through the apertures 31 and 32 of portions 28 and 30 respectively. Plate 26 is provided rearwardly of the off-set with a relatively large aperture 35 through which the switch 22 and its mounting are adapted to extend. Extending laterally from the rear portion of plates 25 and 26 there are a pair of loops 36 and 37 respectively which are adapted to accommodate the looped ends 38 of an operable strap generally indicated at 39 and provided with a conventional buckle 40 overlying the wrist of the user and extending between plates 25 and 26, there is an arcuate metallic strap 41, which may be of desired material, integral with the side plates 25 and 26, or alternatively may be separately secured thereto. A pad of sponge rubber 42 may be secured to the underside of strap 41.

From the foregoing, the operation of the device should now be readily understandable. The vibrator is applied to the hand in the conventional manner and the strap 39 secured about the wrist of the user being tightened by means of the buckle 40 to an extent compatible to maximum comfort.

After the strap has been applied it will be readily apparent that the device cannot slip forward, and thus may be used in a position of maximum efficiency at all times.

From the foregoing, it will now be seen that there is herein provided an improved vibrator securing attachment which accomplishes all of the objects of this invention, and others, including many advantages of great practical utility and commercial importance.

As many embodiments may be made of this inventive concept, and as many modifications may be made in the embodiment hereinbefore shown and described, it is to be understood that all matter herein is to be interpreted merely as illustrative and not in a limiting sense.

What is claimed is:

An electric hand vibrating machine having a vibrator, side apertures for the reception of assembly screws, and screws in said apertures, a pair of opposed rearwardly extending plates each having an aperture therein adapted to be engaged by one of said screws to hold said plates to said vibrator, each of said plates having a slotted aperture in the rear thereof, a wrist encircling strap engaged through said last-mentioned aperture, and an operating switch provided on the side of said vibrator, one of said plates provided with a circular aperture through which said switch projects.

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