# Breast Massager

For some considerable time many women have used conventional breast massagers to improve their figures, regardless of the opinions of the medical world on the effectiveness of such breast massagers. It has in fact been reported that such breast massagers have, in some instances, had beneficial effects.

However, such prior art breast massagers use a form of cream which does not provide sufficient lubrication to produce a quick desired effect.

The present invention therefore seeks to provide an improved breast massager.

Accordingly, the present invention provides apparatus for warming and massaging a female breast comprising at least one breast cup, a base portion of which cup is provided with inner and outer walls forming a vapour space therebetween for receiving water vapour from a steam generator, said inner wall having a plurality of vapour holes for enabling passage of said varpour down said space into said cup for wetting and warming said breast: and a suction generator for applying suction to the interior of said cup for massaging the breast.

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## Brief Description of the Drawings

The present invention is further described hereinafter by way of example, with reference to the accompanying drawings, in which:

Figure 1 is a diagrammatic perspective view of a preferred form of breast massager according to the present invention;

Figure 2 is a cross-section through a breast cup of the massager of Figure 1; and

Figure 3 is a schematic diagram of the air and vapour pipe circuit of the massager.

The breast massager shown in Figure 1 is equipped with two breast cups 1, one of which is connected to a suction generator 4 through a suction tube 2 and an electromagnetic valve 3. The suction generator 4 includes an electronic timer controlling the on-off action of the electromagnetic valve 3. The timer alternately energises and de-energises the valve over a previously set time period, such as 15, 20 or 25 minutes, the valve being energised and de-energised for example every three (or any) seconds. During operation,

when the electromagnetic valve is opened (on) suction is applied to the breast covered by the breast cup, but when the valve is closed (off) suction is stopped so that the breast is released. The operation of the timer is a common electronic application which is not detailed herein.

The shape of the breast cup is designed according to that of the feminine breast. The suction generated by the generator 4 is applied through tube 2 to the inside of the breast cup 1, drawing air out of said cup which is pressed over the breast or releasing air into the cup, thus effecting a massage action on the breast.

As shown in Figure 2, the lower part of the breast cup 1 is formed with two walls, an internal wall 1a and an external wall 1b defining a vapour space 1e therebetween. The internal wall 1a faces the breast and a plurality of vapour holes or orifices 1c formed in it, preferably over the whole of its surface. The external wall 1b has no such orifices except for an extension tube 1d for connection to tube 5 which is coupled to a steam generator 6. The steam generator 6 produces water vapour by boiling water electrically and is equipped with an electronic timer that can be set to function in co-ordination with that of the massaging action to warm up the breast and to stimulate the growth of new cells in the breast.

As is mentioned above, the vapour space 1e is connected through the vapour tube 5 to the steam generator 6 and also communicates with the interior of the breast cup 1 through the plurality of vapour holes 1c. The vapour, being propertly controlled, contacts and surrounds the breast at a comfortable $50^{o}C$-$60^{o}C$ because of the small volume of vapour around the breast. The vapour also wets the breast to make massaging easier and more comfortable after it penetrates the holes 1c into the inside of the breast cup 1. During the process of repeated suction and release, vapour permeates on the breast, making it sufficiently wet and warm to enable massage with satisfactory results.

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Claims

1. Apparatus for warming and massaging a female breast comprising at least one breast cup, a base portion of which cup is provided with inner and outer walls forming a vapour space therebetween for receiving water vapour from a steam generator, said inner wall having a plurality of vapour holes for enabling passage of said vapour from said space into said cup for wetting and warming said breast; and a suction generator for applying suction to the interior of said cup for massaging the breast.

2. Apparatus is claimed in Claim 1 wherein said suction generator comprises a vacuum compressor and an on-off electromagnetic valve controlled by an electronic timer.

3. Apparatus is claimed in Claim 1 and 2 comprising two said breast cups.

4. Apparatus for warming and massaging a female breast substantially is hereinbefore described with reference to the accompanying drawings.

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