

BRASSIERE

FIELD OF THE INVENTION

The present invention relates generally to a brassiere and in particular to a liquid-padding brassiere.

5 BACKGROUND OF THE INVENTION

Brassieres are used for supporting and shaping the breasts of a user. These brassieres are usually formed of two brassiere cups being linked together and supported by a shoulder strap. Some brassiere cups are stuffed with
10 sponge paddings. The disadvantages of these conventional sponge-padding brassieres are that they are stiff and uncomfortable to use. Furthermore, these brassieres do not normally conform in shape with the breasts and undesirably hold the breasts in a rather rigid position as determined
15 by the shape of the brassiere cups.

BRIEF SUMMARY OF THE INVENTION

It is an object of the present invention to provide a brassiere which is adapted to conform to the shape of the breasts of a user.

20 It is another object of the present invention to provide a brassiere which is soft and comfortable in use.

It is yet another object of the present invention to provide a health-care brassiere which can enhance circulation of the blood in the breasts of a user.

25 In accordance with a first aspect of the invention there is provided a brassiere comprising a pair of brassiere cups and a strap for supporting the pair of

brassiere cups. A pad is fixedly attached inside each brassiere cup. The pad has a front panel and a rear panel. The front and rear panels are secured to each other along their respective peripheral edges thereby defining a cavity
5 for holding a liquid. The liquid contains an appropriate amount of far infrared ray emitting materials, preferably ceramic powders.

In accordance with a second aspect of the invention there is provided a brassiere having a pair of
10 pads which are partially filled up with an appropriate amount of liquid so that the pads are adapted to conform to the shape of the breasts and to effectively support the breasts of a user.

BRIEF DESCRIPTION OF THE DRAWINGS

15 A specific embodiment of the invention will now be described by way of example with reference to the accompanying drawings wherein:

FIG. 1 is a front view of a brassiere according to a preferred embodiment of the present invention; and

20 FIG. 2 is a cross sectional view taken along line A-A of FIG. 1 showing a liquid pad within a brassiere cup of the brassiere according to a preferred embodiment of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

25 Referring now in a more detail to the drawings in which like reference numerals represent like parts throughout the several views, FIGS. 1 and 2 respectively

show a front view and a cross sectional view of a brassiere according to a preferred embodiment of the present invention. The brassiere comprises a pair of brassiere cups 1 which are supported by a shoulder strap 2.

5 Each brassiere cup 1 is provided with a pad 3. The pad 3 has a front panel 4 and a rear panel 5. The front panel 4 and the rear panel 5 are made of a flexible, watertight material. The front panel 4 and the rear panel 5 are joined together along their respective peripheral
10 edges by heat sealing or by any other suitable sealing processes. A compartment or cavity 6 is formed between the sealed front panel 4 and rear panel 5. The cavity 6 is then partially filled up with an appropriate amount of liquid 7.

15 The forming of the liquid padding can be achieved by filling the liquid 7 into the cavity 6 through an opening. After the cavity 6 is filled with the liquid 7, the opening is closed thereby forming the liquid pad 3. The liquid pad 3 is then fixedly secured inside the
20 brassiere cup 1.

 According to a preferred embodiment of the present invention, the liquid 7 contains an appropriate amount of ceramic powders. These ceramic powders emit far infrared rays which generate heat energy to expand the
25 blood capillaries of the breasts. This accelerates the blood circulation, and stimulates the regeneration process of the body tissues and the metabolism. This can help to

promote healthy growth of the breasts and make the breasts firmer.

5 The liquid 7, containing the ceramic powders, is completely sealed in the pad 3 and will not evaporate in hot weather or become frozen in cold weather.. Although it is described in the present application that ceramic powders are used, it is appreciated that other far infrared ray emitting materials may be used.

10 The liquid-padding brassiere of the present invention is soft and comfortable in use due to the application of the soft and flexible panels as well as the partially liquid-filled brassiere pads.. The liquid-padding brassiere is therefore adapted to conform to the shape of the breasts and yet effectively support the breast of the
15 user.

 The liquid-padding brassiere of the present invention can produce an oscillating effect when the user is engaged in activities such as walking and running. This oscillating effect is achieved by the motion of the liquid
20 inside the liquid pad. This oscillating motion of the liquid massages the breasts and further promotes blood circulation of the breasts. Since the oscillating motion of the liquid inside the liquid pad is similar to that of the breasts, the massage is soft and comfortable.

25 The liquid-padding brassiere of the present invention can also enhance the shape of the breasts of the user.

While the present invention has been shown and described with particular reference to a preferred embodiment thereof, it should be noted that various other changes or modifications may be made without departing from
5 the scope of the present invention.



WHAT IS CLAIMED IS:

1. A brassiere comprising:
 a pair of brassiere cups (1);
 a strap (2) for supporting said pair of brassiere
5 cups;
 a pad (3) being securely held inside each
brassiere cup; said pad having a front panel (4) and a rear
panel (5) being secured to each other along respective
peripheral edges thereof and defining a cavity (6); and
10 a liquid (7) provided in said cavity, said liquid
 containing far infrared ray emitting materials.

2. A brassiere as claimed in claim 1 wherein each
pad (3) is partially filled up with said liquid (7) so that
15 said pad (3) is adapted to conform to the shape of the
 breasts of a user when said brassiere is in use.

3. A brassiere as claimed in claim 1 wherein said
 far infrared ray emitting materials are ceramic powders.