

HEAD MASSAGER AND A DISTANCE ADJUST DEVICE THEREOF

1. Field of the Invention

The present invention relates to a head massager, and more
5 particularly to a head massager having a distance adjust device for
adjusting a head perimeter of the head massager.

2. Description of Related Art

A conventional head massager in accordance with the prior art
has a helmet for wearing on user's head and massaging the user's head
10 via a massage device that is mounted in the helmet. However, the size
of the helmet of the conventional head massager is unchangeable such
that some user may feel the helmet is too big and some user may feel
too small. Consequently, the helmet of the conventional head massager
can not provide comfort to everyone who uses it. In addition, the
15 conventional head massager has a complicated structure and a
monotone massage way.

The present invention has arisen to mitigate and/or obviate the
disadvantages of the conventional head massager.

The main objective of the present invention is to provide an
20 improved head massager that has multiple distance adjust devices for
adjusting the size of the helmet to provide comfort to user's head.

To achieve the objective, the distance adjust device in
accordance with the present invention comprises a seat and a drive gear

rotatably mounted on the seat and rotated along an axis thereof. A knob is slidably mounted to the drive gear. The knob is rotated and moved along an axis thereof. The knob includes a first gear ring and a second gear ring formed respectively thereon. The first gear ring is engaged to the drive gear. A cover is mounted to the seat and has a third gear ring formed therein. The third gear ring is engaged to the second gear ring of the knob. A reset elastic member is partially received in the drive gear along the axis of the knob. The reset elastic member abuts against the knob for providing a restitution force to the knob after the knob being inward pressed.

The seat has a stub extending therefrom and the drive gear has a through hole centrally and longitudinally defined therein for pivotally receiving the stub.

The through hole in the drive gear is a sunken hole and divided in to a first section and a second section, wherein the first section having a diameter smaller than that of the second section such that an annular plane is formed between the first section and the second section. The reset elastic member is received in the second section and sleeved on the stub for resetting the knob. The reset elastic member has two opposite ends respectively abutting against the annular plane and the knob.

The knob has an inner periphery and an outer periphery, wherein the first gear ring is formed on the inner periphery of the knob

and the second gear ring is formed on the outer periphery of the knob.
The cover has an opening defined therein and the third gear ring
formed on an inner periphery of the opening.

The knob has a protrusion centrally extending therefrom and
5 extending through the opening in the cover for user to easily rotate the
knob.

The head massager in accordance with the present invention
comprises a helmet having a first parallel hoop and a second parallel
hoop connected to each other for forming a ring surrounding the user's
10 head. The helmet has a first meridian hoop and a second meridian hoop
connected to each other to form an arc structure and hang the head
massager on user's head. Three distance adjust devices are provided to
connect the first parallel hoop, the second parallel hoop, the first
meridian hoop and the second meridian hoop. Each distance adjust
15 device comprises a seat and a drive gear rotatably mounted on the seat
and rotated along an axis thereof. A knob is slidably mounted to the
drive gear. The knob is rotated and moved along an axis thereof. The
knob includes a first gear and a second gear ring formed thereon,
wherein the first gear ring is engaged to the drive gear. A cover is
20 mounted to the seat and has a third gear ring formed therein. The third
gear ring is engaged to the second gear ring of the knob. A reset elastic
member is partially received in the drive gear along the axis of the
knob. The reset elastic member abuts against the knob for providing a

restitution force to the knob after the knob being inward pressed. Each of first parallel hoop and the second parallel hoop has a series of adjust teeth formed on two opposite ends thereof and engaged to the drive gear of a corresponding of the distance adjust device. Each of the first
 5 meridian hoop and the second meridian hoop has a first end connected to each other by a corresponding one of the distance adjust devices and a second end secured on a corresponding on of the distance adjust devices that connect the first parallel hoop and the second parallel hoop. The first end of each of the first meridian hoop and the second
 10 meridian hoop has a series of adjust teeth formed thereon and engaged to the drive gear of the corresponding distance adjust device that connects the first meridian hoop and the second meridian hoop.

Each of the first parallel hoop and the second parallel hoop has two opposite ends each having a parallel groove defined therein and the
 15 series of adjust teeth of each of the two parallel hoops is formed on one side of a corresponding one of the parallel grooves. The first end of each of the first meridian hoop and the second meridian hoop has a meridian groove defined therein and the series of teeth of each of the two meridian hoops is formed on one side of a corresponding of
 20 meridian grooves.

The seat has a stub extending therefrom and the drive gear has a through hole centrally and longitudinally defined therein for pivotally receiving the stub. The through hole in the drive gear is a sunken hole

and divided in to a first section and a second section, wherein the first section having a diameter smaller than that of the second section such that an annular plane is formed between the first section and the second section. The reset elastic member is received in the second section and
5 sleeved on the stub for resetting the knob. The reset elastic member has two opposite ends respectively abutting against the annular plane and the knob.

The seat has a first slot and a second slot respectively defined in two opposite ends thereof to allow the first parallel hoop and the
10 second parallel hoop extending into the distance adjust device.

The knob has an inner periphery and an outer periphery, wherein the first gear ring is formed on the inner periphery of the knob and the second gear ring is formed on the outer periphery of the knob. The cover has an opening defined therein and the third gear ring is
15 formed on an inner periphery of the opening.

The head massager further comprises massage pads, massage gasbags, and air pump, electric valves and a control device formed with control circuits. The air pump is electrically connected to the electric valves and the control circuits. Each of the parallel hoops and the
20 meridian hoops includes an inner periphery having at least one massage pad mounted thereon and an edge of each of the massage pad is secured on an inner periphery of the helmet. Each massage pad has a chamber defined therein for receiving a corresponding one of the

massage gasbags.

The head massager further comprises multiple heaters respectively secured to a surface of a corresponding one of the massage pads and electrically connected to the control circuit.

5 One of the massage pads has a trough defined therein for receiving a vibrator that has a vibrating block eccentrically mounted on a drive axle of the vibrator.

Each massage pad has a base and a pellet formed on the base. An edge of the base is secured on an inner periphery of the helmet and
10 the base being flexible.

The control device includes a box separated from the helmet, and the air pump and the electric valves are received in the box.

Further benefits and advantages of the present invention will become apparent after a careful reading of the detailed description with
15 appropriate reference to the accompanying drawings.

IN THE DRAWINGS

Fig. 1 is an exploded perspective view of a head massager with a distance adjust device in accordance with the present invention;

Fig. 2 is another exploded perspective view of the head
20 massager with a distance adjust device in accordance with the present invention;

Fig. 3 is a partial side plan view of the head massager in accordance with the present invention;

Fig. 4 is a cross-sectional view of the head massager in Fig. 3 along line A-A;

Fig. 5 is a cross-sectional view of the head massager in Fig. 3 along line B-B;

5 Fig. 6 is a perspective view of a cover of the distance adjust device in accordance with the present invention;

Fig. 7 is another perspective view of a cover of the distance adjust device in accordance with the present invention;

10 Fig. 8 is a perspective view of a knob of the distance adjust device in accordance with the present invention;

Fig. 9 is another perspective view of a knob of the distance adjust device in accordance with the present invention;

Fig. 10 is a perspective view of a drive gear of the distance adjust device in accordance with the present invention;

15 Fig. 11 is a schematic view of the head massager in accordance with the present invention;

Fig. 12 is a side plan view of the head massager in accordance with the present invention for showing the side massage gasbag;

20 Fig. 13 is a rear plan view of the head massager in accordance with the present invention for showing the rear massage gasbag;

Fig. 14 is a front plan view of the head massager in accordance with the present invention for showing the front massage gasbag;

Fig. 15 is a diagram of the head massager in accordance with

the present invention for showing a first message pad, a first message gasbag and a heater;

Fig. 16 is a diagram of the head massager in accordance with the present invention for showing a second message pad, a second
5 message gasbag and the heater;

Fig. 17 is a diagram of the head massager in accordance with the present invention for showing a third message pad, a third message gasbag and the heater;

Fig. 18 is a diagram of the head massager in accordance with
10 the present invention for showing a fourth message pad, a fourth message gasbag and the heater;

Fig. 19 is a diagram of the head massager in accordance with the present invention for showing a fifth message pad, a fifth message gasbag and the heater;

15 Fig. 20 is a diagram of the head massager in accordance with the present invention for showing a gas passage control way;

Fig. 21 is a perspective view of the head massager in accordance with the present invention;

Fig. 22 is a partially exploded perspective view of the head
20 massager in accordance with the present invention;

Fig. 23 is a front schematic view of the head massager in accordance with the present invention;

Fig. 24 is a side schematic view of the head massager in

accordance with the present invention; and

Fig. 25 is a rear schematic view of the head massager in accordance with the present invention.

Referring to the drawings and initially to Figs. 1-10, a head
5 massager in accordance with the present invention comprises a helmet
(10) having a first parallel hoop (11) and a second parallel hoop (12)
connected to each other for forming a ring surrounding the user's head.
The helmet (10) has a first meridian hoop (21) and a second meridian
hoop (22) connected to each other to form an arc structure and hang the
10 head massager on user's head. The first meridian hoop (21) and the
second meridian hoop (22) are made of tough plastic material such that
the first meridian hoop (21) and the second meridian hoop (22) are
flexible. Each of the first parallel hoop (11) and the second parallel (12)
has two opposite ends each having a parallel groove (13) defined
15 therein. One side of each of the parallel groove (13) has a series of
adjust teeth (14) formed thereon. Each of the first meridian hoop (21)
and the second meridian hoop (22) has a first end connected to each
other. A meridian groove is defined in the first end of each of the first
meridian hoop (21) and the second meridian hoop (22). One side of
20 each of the two meridian grooves has a series of adjust teeth formed
thereon.

There are three distance adjust devices (3) are provided to
connected the first parallel hoop (11), the second parallel hoop (12), the

first meridian hoop (21) and the second meridian hoop (22). Two distance adjust devices (3) are provided to connect the first parallel hoop (11) and the second parallel hoop (12) and the other one distance adjust device (3) is provided to connected the first ends of each of the

5 first meridian hoop (21) and the second meridian hoop (22). Each distance adjust device (3) has a seat (31), a drive gear (32), a reset elastic member (33), a knob (34) and a cover (35). The seat (31) has a stub (311) centrally and laterally extending therefrom. The drive gear (32) is a spur gear and has a first side (321) and a second side (211). A

10 ring of cogs (323) are radially and equally disposed on an outer periphery of the drive gear (32) between the first side (321) and the second side (322). A through hole (327) is centrally and longitudinally defined in the drive gear (32). The through hole (327) is a sunken hole. The through hole (327) is divided into a first section (324) and a

15 second section (325), wherein the first section (324) has a diameter smaller than that of the second section (325) such that an annular plane (326) is formed between the first section (324) and the second section (325). The reset elastic member (33) is received in the second section (325) and sleeved on the stub (311) for resetting the knob (34). In the

20 preferred embodiment of the present invention is a spring. The knob (34) includes an inner side (341) having a first gear ring (342) formed therein and an outer side (343) having a second gear ring (344) formed thereon. The knob (34) has a protrusion (345) centrally extending form

the outer side (343) for user to easily operate the knob (34). The cover (35) has an opening (351) centrally defined therein and extending through the cover (35). A third gear ring (352) is formed on a periphery of the opening (351).

5 When assembling the distance adjust device (3), the drive gear (32) is longitudinally mounted to the stub (311) and the stub (311) sequentially and longitudinally extends through the first section (324) and the second section (325) of the through hole (327) in the drive gear (32). The reset elastic member (33) is received in the second section
 10 (325) of the through hole (327) and sleeved on the stub (311). The knob (34) is mounted to the drive gear (32), wherein the drive gear (32) is partially received in the knob (34) and engaged to the first gear ring (341). The reset elastic member (33) has two opposite ends respectively abutting against the annular plane (326) and the inner side
 15 (341) of the knob (34). The cover (35) is securely mounted to the seat (31) for holding the drive gear (32) and the knob (34) in place, and forming a closed chamber (36) between the seat (31) and the cover (35). The second gear ring (344) of the knob (34) is engaged to the third gear ring (352) of the cover (35) and the protrusion (345) extends through
 20 the cover (35) via the opening (351) in the cover (35). The seat (31) has a first slot (361) and a second slot (362) respectively defined in two opposite ends thereof to allow the first parallel hoop (11) and the second parallel hoop (12) extending into the distance adjust device (3).

As regards to the helmet (10) of the present invention, each of the first parallel hoop (11) and the second parallel hoop (12) has one end extending into a corresponding one of the three distance adjust device (3) via the first slot (361) and the second slot (362). The drive gear (32) in the corresponding distance adjust device (3) extends into the parallel groove (13) of each of the first parallel hoop (11) and the second parallel hoop (12) and engaged to the series of adjust teeth (14) of each of the two parallel grooves (13). The series of adjust teeth (14) of the first parallel hoop (11) and the series of adjust teeth (14) of the second parallel hoop (12) face each other such that the first parallel hoop (11) and the second parallel hoop (12) are moved relative to each other when the drive gear (32) is rotated. A free end of each of the first meridian hoop (21) and the second meridian hoop (22) is respectively mounted to the two distance adjust devices (3) that connects the first parallel hoop (11) and the second parallel hoop (12) to form a ring structure.

When adjusting the distance between the first parallel hoop (11) and the second parallel hoop (12), the knob (34) of the distance adjust device (3), which connects the first parallel hoop (11) and the second parallel hoop (12), is inward pressed and the first gear ring (342) of the knob (34) is moved along the cogs (212) of the drive gear (32). The knob (34) is rotated relative to clock-wise/counter clock-wise for driving the drive gear (32) to move the first parallel hoop (11) and the

second parallel hoop (12) due to the series of adjust teeth (14) of each of the first parallel hoop (11) and the second parallel hoop (12) when the first gear ring (344) is disengaged from the third gear ring (352), and the reset elastic member (33) is compressed during the adjusting process. The knob (34) is released and moved to its original position due to the restitution force of the reset elastic member (33), and the second gear ring (344) of the knob (34) and the third gear ring (352) are engaged to each other again to lock the knob (34) when the first parallel hoop (11) and the second parallel hoop (12) are adjusted to a suitable position. The adjust way of the first meridian hoop (21) and the second meridian hoop (22) are the same as that of the first parallel hoop (11) and the second parallel hoop (12).

In the preferred embodiment of the present invention, the drive gear (32) is rotatably mounted on the bottom of the seat (31) and can be rotated relative to an axis thereof. The knob (34) can be rotated and moved along an axis thereof. The knob (34) can be rotated and moved along the axis thereof when being inward pressed and automatically moved to its original position along the axis thereof due to the restitution force of the reset elastic member (33) when being released. The knob (34) has a locked position and an adjusting position. In the locked position, the first gear ring (342) of the knob (34) is engaged to the cogs (323) of the drive gear (32) and the second gear ring (344) of the knob (34) is engaged to the third gear ring (352) of the cover (35).

In the adjusting position, the first gear ring (342) of the knob (34) is engaged to the cogs (323) of the drive gear (32) and the second gear ring (344) of the knob (34) is disengaged from the third gear ring (352) of the cover (35).

5 In the preferred embodiment of the present invention, the axis of the drive gear (32) linearly corresponds to that of the knob (34). In addition, the first gear ring (342), the second gear ring (344) and the third gear ring (352) concentrically correspond to one another, and linearly align with the axis of each of the drive gear (32) and the knob
10 (34). Certainly, the distance adjust device (3) can be operated when the axis of the drive gear (32) is parallel to that of the knob (34).

 With reference to Figs. 11 to 25, the head massager in accordance with the present invention includes a helmet (10) and a control device (20). The helmet (10) has a parallel hoop (101) and an
15 arc meridian hoop (102) diametrically mounted to the parallel hoop (101) to define a receiving space (103) for partially receiving user's head (80). The parallel hoop (101) has an inner periphery (101) facing the head (80) and a first massage pad (30), a second massage pad (40), a third massage pad (50) and a fourth massage pad (60) are
20 respectively mounted on the inner periphery (1011) of the parallel hoop (101). The arc meridian hoop (102) has an inner periphery (1021) facing the head (80) and a fifth massage pad (70) is mounted on the inner periphery (1021) of the arc meridian hoop (102). Each of the

massage pads (30, 40, 50, 60, 70) corresponds to an acupuncture point (A) on human head.

Each of the massage pads (30, 40, 50, 60, 70) has a base (301, 401, 501, 601, 701) with a pellet (302, 402, 502, 602, 702) raised thereon. The bases (301, 401, 501, 601, 701) and the pellets (302, 402, 502, 602, 702) are made of silica gel such that the bases (301, 401, 501, 601, 701) and the pellets (302, 402, 502, 602, 702) are elastic. The bases (301, 401, 501, 601, 701) are respectively adhered to the inner periphery of a corresponding one of the parallel hoop (101) and the arc meridian hoop (102). In addition, the pellets (302, 402, 502, 602, 702) can be respectively and integrally formed with the bases (301, 401, 501, 601, 701). A chamber (303, 403, 503, 603, 703) is defined between each of the bases (301, 401, 501, 601, 701) and the corresponding hoops (101, 102) for receiving a massage gasbag (901, 902, 903, 904, 905). Each massage gasbag is flat and has a nozzle extending into a corresponding one of the chambers that receiving the massage gasbag. Each of the massage pellets (302, 402, 502, 602, 702) has a heater (300) disposed thereon. The heater is received in a corresponding one of the pellets or directly adhered on the corresponding pellet. The control device (20) has a control box (21) for receiving a circuit board that has the control circuits formed thereon. In the preferred embodiment of the present invention, each massage pad has a recess defined therein for forming the chamber with the corresponding hoops.

The massage pellets (302, 402, 502, 702) of the massage pads (30, 40, 50, 70) has different height from one another. The fourth massage pad (60) has two massage gasbags (608, 609) disposed thereon and a trough (605) defined therein for receiving a vibrator (800). The vibrator (800) has a vibrating block (801) eccentrically mounted on a drive axle thereof such that the massage pellets is vibrated for massaging when the vibrator is operated. In addition, the fourth massage pad (60) has a groove (604) defined therein for a wire (3001) of the heater (300) and the wire of the wire of the vibrator (800) passing through the fourth massage pad (60) and connected to the circuit board in the control box (201).

The first massage gasbag (901) and the fourth massage gasbag (904) respectively has a nozzle (9011, 9041) connected to two ports of a first T-shaped air connector (105) via an air tube (104), and the other port of the first T-shaped air connector (105) is connected to a first electric valve (106) via an air tube. The second massage pad (902) and the third massage pad (903) respectively has a nozzle (9021, 9031) connected to two ports of a second T-shaped air connector (107). The other port of the second T-shaped air connector (107) and a nozzle (9051) of the fifth massage pad (905) are respectively connected to two ports of a third T-shaped air connector (108), and the other port of the third T-shaped air connector (108) is connected to a second electric valve (109). The first electric valve (106), the second electric valve

(109) and an air pump (200) are respectively connected to three ports of a fourth T-shaped air connector (202). The first electric valve (106), the second electric valve (109) and the air pump (203) are received in the control box (200) for reducing the total weight of the helmet (10) and the noise during operating.

The operate principle of the head massager in accordance with the present invention is followed. The massage gasbags are continually pumped and exhausted via controlling the air pump (203) and the two electric valves (106, 109). The massage pad is raised when the massage gasbag is pumped and returned to the original shape when the massage gasbag is exhausted for pressure massaging the acupuncture points on the user's head. The massage pellets can execute vibrating massaging for the acupuncture points on the user's head when the vibrator is operated. The massage pellets can execute heating massaging for the acupuncture points on the user's head when the heater is operated. In addition, the air pump, the vibrator and the heater can be mutually operated for a multi-functional massage to user's head.

Although the invention has been explained in relation to its preferred embodiment, it is to be understood that many other possible modifications and variations can be made without departing from the spirit and scope of the invention as hereinafter claimed.

CLAIMS:

1. A distance adjust device for a head massager, comprising:
 - a seat;
 - a drive gear rotatably mounted on the seat and rotated along
 - 5 an axis thereof;
 - a knob slidably mounted the drive gear, the knob rotated and moved along an axis thereof, the knob including a first gear ring and a second gear ring respectively formed thereon, the first gear ring engaged to the drive gear;
 - 10 a cover mounted to the seat and having a third gear ring formed therein, the third gear ring engaged to the second gear ring of the knob; and
 - a reset elastic member partially received in the drive gear along the axis of the knob, the reset elastic member abutting against the
 - 15 knob for providing a restitution force to the knob after the knob being inward pressed.
2. The distance adjust device for a head massager as claimed in claim 1, wherein the seat has a stub extending therefrom and the drive gear has a through hole centrally and longitudinally defined therein for
- 20 pivotally receiving the stub.
3. The distance adjust device for a head massager as claimed in claim 2, wherein the through hole in the drive gear is a sunken hole and divided in to a first section and a second section, the first section

having a diameter smaller than that of the second section such that an annular plane is formed between the first section and the second section, the reset elastic member received in the second section and sleeved on the stub for resetting the knob, the reset elastic member
 5 having two opposite ends respectively abutting against the annular plane and the knob.

4. The distance adjust device for a head massager as claimed in claim 1, 2 or 3, wherein the knob has an inner periphery and an outer periphery, the first gear ring formed on the inner periphery of the knob
 10 and the second gear ring formed on the outer periphery of the knob, the cover having an opening defined therein and the third gear ring formed on an inner periphery of the opening.

5. The distance adjust device for a head massager as claimed in claim 4, wherein the knob has a protrusion centrally extending
 15 therefrom and extending through the opening in the cover for user to easily rotate the knob.

6. A head massager comprising a helmet having a first parallel hoop and a second parallel hoop connected to each other for forming a ring surrounding the user's head, the helmet having a first meridian
 20 hoop and a second meridian hoop connected to each other to form an arc structure and hang the head massager on user's head, three distance adjust devices provided to connect the first parallel hoop, the second parallel hoop, the first meridian hoop and the second meridian hoop,

each distance adjust device comprising a seat and a drive gear rotatably
 mounted on the seat and rotated along an axis thereof, a knob slidably
 mounted the drive gear, the knob rotated and moved along an axis
 thereof, the knob including a first gear and a second gear ring formed
 5 thereon, the first gear ring engaged to the drive gear, a cover mounted
 to the seat has having a third gear ring formed therein, the third gear
 ring engaged to the second gear ring of the knob, a reset elastic
 member partially received in the drive gear along the axis of the knob,
 the reset elastic member abutting against the knob for providing a
 10 restitution force to the knob after the knob being inward pressed, each
 of first parallel hoop and the second parallel hoop having a series of
 adjust teeth formed on two opposite ends thereof and engaged to the
 drive gear of a corresponding of the distance adjust device, each of the
 first meridian hoop and the second meridian hoop having a first end
 15 connected to each other by a corresponding one of the distance adjust
 devices and a second end secured on a corresponding on of the distance
 adjust devices that connect the first parallel hoop and the second
 parallel hoop, the first end of each of the first meridian hoop and the
 second meridian hoop having a series of adjust teeth formed thereon
 20 and engaged to the drive gear of the corresponding distance adjust
 device that connects the first meridian hoop and the second meridian
 hoop.

7. The head massager as claimed in claim 6, wherein each of

the first parallel hoop and the second parallel hoop has two opposite ends each having a parallel defined therein and the series of adjust teeth of each of the two parallel hoops formed on one side of a corresponding one of the parallel grooves, the first end of each of the first meridian hoop and the second meridian hoop having a meridian groove defined therein and the series of teeth of each of the two meridian hoops formed on one side of a corresponding of meridian grooves.

8. The head massager as claimed in claim 7, wherein the seat has a stub extending therefrom and the drive gear has a through hole centrally and longitudinally defined therein for pivotally receiving the stub, the through hole in the drive gear being a sunken hole and divided in to a first section and a second section, the first section having a diameter smaller than that of the second section such that an annular plane is formed between the first section and the second section, the reset elastic member received in the second section and sleeved on the stub for resetting the knob, the reset elastic member having two opposite ends respectively abutting against the annular plane and the knob.

9. The head massager as claimed in claim 6, wherein the seat has a first slot and a second slot respectively defined in two opposite ends thereof to allow the first parallel hoop and the second parallel hoop extending into the distance adjust device.

10. The head massager as claimed in claim 6, 7, 8 or 9, wherein the knob has an inner periphery and an outer periphery, the first gear ring formed on the inner periphery of the knob and the second gear ring formed on the outer periphery of the knob, the cover having an opening defined therein and the third gear ring formed on an inner periphery of the opening.

11. The head massager as claimed in claim 6 further comprising massage pads, massage gasbags, and air pump, electric valves and a control device formed with control circuits, the air pump electrically connected to the electric valves and the control circuits, each of the parallel hoops and the meridian hoops including an inner periphery having at least one massage pad mounted thereon and an edge of each of the massage pad secured on an inner periphery of the helmet, each massage pad having a chamber defined therein for receiving a corresponding one of the massage gasbags.

12. The head massager as claimed in claim 11 further comprising multiple heaters respectively secured to a surface of a corresponding one of the massage pads and electrically connected to the control circuit.

13. The head massager as claimed in claim 11, wherein one of the massage pads has a trough defined therein for receiving a vibrator that has a vibrating block eccentrically mounted on a drive axle of the vibrator.

14. The head massager as claimed in claim 11, wherein each massage pad has a base and a pellet formed on the base, an edge of the base secured on an inner periphery of the helmet and the base being flexible.

- 5 15. The head massager as claimed in claim 11, wherein the control device includes a box separated from the helmet, the air pump and the electric valves received in the box.