

21 MAR 2005

TITLE: THERMOSTAT BODY SLIM CABIN

BACKGROUND OF THE INVENTION

5 (a) Field of the Invention

The present invention is related to a thermostat body slim cabin, and more particularly, to one that maintains at preset temperature inside the cabin, and provided with AV and work-out effects so that the user may exercise with emphasis on hands,
10 feet according to the pre-taped programs.

(b) Description of the Prior Art

In the prior art, the user is put into a practically sealed cabin, and the cabin is heated up so that the user is "baked"
15 and naturally sweats out to attain slim effect. However, heating up is the only function of the prior art. The user has to either lie down or sit in the cabin doing nothing else. It is impossible to keep constant the temperature inside the cabin. The power will not be automatically switched off once
20 the temperature rise gets too fast, consequently, the user may get burned. Besides, the cabin is provided in fixed type and is very awkward for the user to access to it.

SUMMARY OF THE INVENTION

25 The primary objective of the present invention is to provide a body slim cabin. Within, a slide way for the front and rear canopies so the user can easily access to the cabin, and the temperature inside the cabin is kept constant by means of infra-red lamp and air circulation device. In addition,

21 MAR 2005

workout and AV systems are also provided for the user to exercise his hands and feet as led by the pre-taped programs.

BRIEF DESCRIPTION OF THE DRAWINGS

5 Fig. 1 shows the appearance of the structure of a preferred embodiment of the present invention.

Fig. 2 is a blowout view of the structure of the present invention.

10 Fig. 3 is a sectional view of a cooling air pipeline of the present invention.

Fig. 4 is a sectional view showing the present invention in use.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

15 Referring to Figs. 1 & 2 of the accompanying drawings, the present invention is essentially comprised of a bed (1), a rear canopy (22), a front canopy (21), a lamp (3), an air circulation system (4), a control electric circuit (5), an exercise device (6) and an AV system (7). Within, the bed (1)
20 indicates a platform structure with its top as the bed surface (11). A soft exercise pad is provided on the bed surface (11), a headrest (12) is formed at the front section of the bed surface (11) and a pair of speaker (13) are respectively provided at both sides of the head rest (12). A multiple of cool air
25 circulation opening (14) and a multiple of hot air circulation opening (15) are provided on the peripheral of the bed surface (11). An air suction opening (16) is respectively provided on both sides of the bed (1). A trackholder (17) is respectively formed at both sides of the top of the bed (1) to accommodate

21 MAR 2005

a rail (18) to facilitate the movement and adjustment of both the front and rear canopies (21, 22). A linear groove (19) is provided along the side of the track holder (17) to warrant the smooth adjustment and movement of both canopies (21, 22).

5 Both canopies (21, 22) share the same dome appearance for both to snap on each other. Within, the front canopy (21) is provided with both ends opening up while the rear canopy (22) is provided with an open front end and closed rear end. Consequently, when both canopies are inserted to each other, there is only one

10 opening formed at the front end of the front canopy (21) while cool air pipelines (211, 221) are respectively formed in the front and the rear sections of both canopies (21, 22) as illustrated in Fig. 3. A multiple of thermal lamp (3) is arranged in proper space on said sections. The holder of the

15 lamp (3) is accommodated in the cool air pipelines (211, 221). Both ends of each of the cool air pipeline (211, 221) are respectively engaged to the cool air circulation (14) on the bed (1) for the circulating air to cool down the lamp (3) when it is switched on. At the bottom edge of both front and rear

20 canopies (21, 22), rollers (25) are respectively provided to stride over the rail (18) of the bed (1) for motion. Furthermore, a guard (214) is provided above the front edge of the front canopy (211) to support a display (71) attached to the AV system (7). A handle (213) is each provided at both sides of the opening

25 to help the movement of the canopy. A screen (215) is provided at the opening to cover up the user entirely from his neck below as desired. All the main bodies of the air circulation (4), the control circuit (5), the exercise device (6) and the AV system (7) are provided inside the bed (1). Within, the air

21 MAR 2005

circulation (4) is essentially used to generate humid and warm hot air, which enters into the canopy through the hot air circulation opening (15). The air circulation system (4) sucks the external cool air into the cool air pipelines (211, 221) of the front and the rear canopies (21, 22) for the re-circulation to cool down the lamp (3) when switched on. The exercise device is an assembly of spring and roller respectively provided with respective ropes (61) and rings (61) at where the hands and the feet of the user are located. The user may put his hands and feet through said rings (61) and pull the ropes (61) to exercise. The AV system (7) incorporates the speakers (13) and the display (71) with its host connected to a control panel (51) for the user to follow the pre-taped program while working out his hands, feet and trunk with the exercise device (6), or he may simply enjoy the music or program. The control circuit (5) monitors the temperature inside the canopy and maintains the canopy in a thermostat as preset in conjunction with the lamp (3) and the air circulation (4). The control circuit will immediately cut off the power supply in case of emergency. The control panel (51) allows the user to preset the temperature inside the canopy. As illustrated in Fig. 4, rails (18) are provided for both front and rear canopies (21, 22) of the bed (1) for both canopies (21, 22) to slide, and thus easy access to the bed (1) by the user. With the present invention, the user may achieve improved slim results by exercising and sweating out at the same time.

21 MAR 2005

CLAIMS

I Claim:

1. a thermostat slim cabin, essentially comprised of a bed
in platform structure, a head rest is provided on the front
5 section of the surface of the bed and a pair of speakers
are respectively provided at both sides of the head rest;
cool air and hot air circulation openings provided on the
bed surface, an air suction opening for air circulation
and filtration on the side of the bed surface; a track holder
10 provided respectively at the top edge of both sides to
accommodate rails, and a free linear groove by one side
of the track holder; lamps for heating up the cabin arranged
at proper space; a front and a rear canopies in the same
shape of dome allowing to be snapped onto each other with
15 the front canopy opened up at its both ends and the rear
canopy having an open front end and a closed rear end; cool
air pipelines formed by compromising the dome shape on the
front and the rear sections of both canopies with the lamps
provided in said cool air pipelines; while openings at both
20 ends of said cool air pipelines are connected to the cool
air circulation openings on the bed; rollers striding over
the rails for motion respectively provided at the bottom
edge of the front and the rear canopies; a guard formed
above the front edge of the front canopy to support a display
25 attached to the AV system; a handle is each provided at
both sides of the opening of the canopy to facilitate the
movement of the canopy and a screen provided to cover up
the opening; the air circulation system with its main body
received inside the bed to generate hot air, which enters

21 MAR 2005

into cabin through the hot air circulation opening and completes circulation cycle by sucking external cool air into the cool pipeline in the front and rear canopies for cooling down the lamps when switched on; an exercise device
5 including spring and roller having ropes and rings fixed on the bed surface at where correspond to the hands and the feet of the user; and a control panel formed at the front edge of the bed that can be operated by the user to preset the temperature inside the cabin is connected to
10 the AV system incorporated with the display monitors the temperature inside the cabin and immediately cuts off the power in case of emergency.

2. A thermostat body slim cabin as claimed in Claim 1, within,
a soft mattress may be placed at the top of the bed.