

CLAIMS

1. A chair-type massage device including a seat for a user to sit and a backrest provided at the rear of the seat, wherein:

a back region massage mechanism having massage bodies for applying a kneading massage to an affected area is provided in the backrest, and airbags for performing a pressure massage are provided in at least one of an upper surface of the seat, side regions of the seat, and side regions of the backrest, and

a control part is provided to cause a massage motion by cooperatively operating the massage bodies of the back region massage mechanism and inflation of the airbags.

2. A chair-type massage device including a seat for a user to sit, a backrest provided at the rear of the seat, and a footrest provided in front of the seat, wherein:

a back region massage mechanism having massage bodies for applying a kneading massage to an affected area is provided in the backrest, airbags for performing a pressure massage are provided in at least one of an upper surface of the seat, side regions of the seat, and side regions of the backrest, and a leg kneading mechanism having kneading means adapted to apply a massage to the lower legs of the user is provided in the footrest, and

a control part is provided to cause a massage motion by cooperatively operating at least two of the massage bodies of the back region massage mechanism, inflation of the airbags, and the kneading means of the leg

kneading mechanism.

3. The chair-type massage device according to claim 1 or 2, wherein the control part is configured to coordinate by operating the back region massage mechanism:

a motion to position the massage bodies to the affected area;

a motion to make the massage bodies project toward the affected area;

and

a motion to inflate the airbags provided in at least one of the upper surface of the seat, the side regions of the seat, and the side regions of the backrest.

4. The chair-type massage device according to any one of claims 1 to 3, wherein

the back region massage mechanism has:

a massage mechanism including a pair of massage members containing treatment elements and disposed on right and left sides, and an actuator for transmitting the massage motion to the massage members;

a base member for holding the massage mechanism swingably in a back-and-forth direction by supporting the massage mechanism in a swing pivotal support part;

a vertical movement mechanism for making the base member movable in the vertical direction within the backrest;

an advancing/retracting motion mechanism for advancing/retracting the massage mechanism in the back-and-forth direction with respect to the

base member; and

a swing restricting mechanism for making the massage members sustainable in a forward projection state in bringing the massage members to project forward by the advancing/retracting motion mechanism.

5. The chair-type massage device according to claim 4, wherein:

each of the massage members is provided with treatment elements in an upper end portion and a lower end portion thereof; and

the swing restricting mechanism is configured to make the massage members sustainable in a forward projection state on the upper end portion side in bringing the upper end portions of the massage members to project forward by the advancing/retracting motion mechanism, and make the massage members sustainable in a forward projection state on the lower end portion side in bringing the lower end portions of the massage members to project forward by the advancing/retracting motion mechanism.

6. A method for controlling a chair-type massage device including a seat for a user to sit and a backrest provided at the rear of the seat, wherein a back region massage mechanism having massage bodies for applying a kneading massage to an affected area is provided in the backrest, and airbags for performing a pressure massage are provided in at least one of an upper surface of the seat, side regions of the seat, and side regions of the backrest, and

a massage motion is caused by cooperatively operating the massage bodies of the back region massage mechanism and inflation of the airbags.

7. A method for controlling a chair-type massage device including a seat for a user to sit, a backrest provided at the rear of the seat, and a footrest provided in front of the seat, wherein a back region massage mechanism having massage bodies for applying a kneading massage to an affected area is provided in the backrest, airbags for performing a pressure massage are provided in at least one of an upper surface of the seat, side regions of the seat, and side regions of the backrest, and a leg kneading mechanism having kneading means adapted to apply a massage to the lower legs of the user is provided in the footrest, and

a massage motion is caused by cooperatively operating at least two of the massage bodies of the back region massage mechanism, inflation of the airbags, and the kneading means of the leg kneading mechanism.

8. The method for controlling the chair-type massage device according to claim 6 or 7, wherein a motion to position the massage bodies to the affected area, a motion to make the massage bodies project toward the affected area, and a motion to inflate the airbags provided in at least one of the upper surface of the seat, the side regions of the seat, and the side regions of the backrest are coordinated by operating the back region massage mechanism.

CLAIMS

1. A chair-type massage device including a seat for a user to sit and a backrest provided at the rear of the seat, wherein:

a back region massage mechanism having massage bodies for applying a kneading massage to an affected area is provided in the backrest, and airbags for performing a pressure massage are provided in at least one of an upper surface of the seat, side regions of the seat, and side regions of the backrest, and

a control part is provided to cause a massage motion by cooperatively operating the back region massage mechanism and the airbags,

the back region massage mechanism has:

a massage mechanism including a pair of massage members containing treatment elements and disposed on right and left sides, and an actuator for transmitting the massage motion to the massage members;

a base member for holding the massage mechanism swingably in a back-and-forth direction by supporting the massage mechanism in a swing pivotal support part;

a vertical movement mechanism for making the base member movable in the vertical direction within the backrest;

an advancing/retracting motion mechanism for advancing/retracting the massage mechanism in the back-and-forth direction with respect to the base member; and

a swing restricting mechanism for making the massage members sustainable in a forward projection state in bringing the massage members to

project forward by the advancing/retracting motion mechanism,

the massage members is provided with treatment elements in an upper end portion thereof; and

the swing restricting mechanism is configured to make the massage members sustainable in a forward projection state on the upper end portion side in bringing the upper end portions of the massage members to project forward by the advancing/retracting motion mechanism,

the control part is configured to make the treatment elements sustainable in a project forward state by the advancing/retracting motion mechanism of the back region massage mechanism and to inflate the airbags.

2. The chair-type massage device according to claim 1, wherein

the control part is configured to make the treatment elements sustainable in a project forward state by the advancing/retracting motion mechanism of the back region massage mechanism and to inflate the airbags provided in a seat.

3. The chair-type massage device according to claim 1, wherein

the control part is configured to make the treatment elements sustainable in a project forward state by the advancing/retracting motion mechanism of the back region massage mechanism and to inflate the airbags provided in side regions of the seat.

4. The chair-type massage device according to claim 1, wherein

the control part is configured to make the treatment elements

sustainable in a project forward state by the advancing/retracting motion mechanism of the back region massage mechanism and to inflate the airbags provided in side regions of the back rest.

5. The chair-type massage device according to claim 1, wherein:

the massage members is provided with treatment elements in a lower end portion thereof; and

the swing restricting mechanism is configured to make the lower end of the massage members sustainable in a forward projection state by the advancing/retracting motion mechanism, and make the massage members sustainable in a forward projection state on the lower end portion side.

6. A method for controlling a chair-type massage device including a seat for a user to sit and a backrest provided at the rear of the seat, wherein a back region massage mechanism having massage bodies for applying a kneading massage to an affected area is provided in the backrest, and airbags for performing a pressure massage are provided in at least one of an upper surface of the seat, side regions of the seat, and side regions of the backrest,

a massage motion is caused by cooperatively operating the back region massage mechanism and the airbags, and

an advancing/retracting motion mechanism of the back region massage mechanism is configured to make the massage members sustainable in a forward projection state and a control part is configured to inflate the airbags.

7. The method for controlling a chair-type massage device according

to claim 6, wherein the advancing/retracting motion mechanism of the back region massage mechanism is configured to make the massage members sustainable in a forward projection state and the control part is configured to inflate the airbags provided in the seat.

8. The method for controlling the chair-type massage device according to claim 6, wherein the advancing/retracting motion mechanism of the back region massage mechanism is configured to make the massage members sustainable in a forward projection state and the control part is configured to inflate the airbags provided in side regions of the seat.

9. The method for controlling the chair-type massage device according to claim 6, wherein the advancing/retracting motion mechanism of the back region massage mechanism is configured to make the massage members sustainable in a forward projection state and the control part is configured to inflate the airbags provided in side regions of the backrest.