

CLAIMS

1. A massage machine comprising:

a massage mechanism that gives a massage action to a treatment region;

a movement drive part that moves the massage mechanism along a predetermined track from one side to the other side of the track; and

a switching mechanism that switches a moving direction of the massage mechanism to multiple directions by changing a bending level of the track;

wherein the switching mechanism comprises a connection part that, when changing the bending level of the track, enables the massage mechanism to continuously move through a bending site present on the track; and

wherein the track is formed by making a first track and a second track butt on each other in a longer direction,

the connection part is formed in a site of the butting, and

the bending level of the track is configured to be changeable by swinging the first track or the second track

around a shaft center orthogonal to the longer direction in the connection part.

2. The massage machine according to claim 1, wherein the track is formed by making a first rail member and a second rail member butt on each other in the longer direction,

the massage mechanism comprises a guide member that rolls or slides on the first rail member and the second rail member, and

the guide member continuously moves through the connection part and thereby the massage mechanism continuously moves from the first rail member to the second rail member.

3. The massage machine according to claim 2, wherein the massage mechanism comprises: a rotary shaft that is disposed in a direction intersecting with the track and transmits rotary drive force of the movement drive part; and a drive member provided to the rotary shaft,

the massage mechanism is configured to be moved from the one side to the other side or the other side to the one side of the track by the rotary drive force transmitted by the drive member, and

the massage mechanism is configured to, when the guide member continuously moves through the connection part and the massage mechanism moves from the first rail member to the second rail member, tilt around a shaft center of the rotary shaft that transmits the rotary drive force of the movement drive part.

4. The massage machine according to claim 3, wherein

a drive rail member of the drive member is disposed along the first rail member, and an end part of the drive rail member is disposed at a position separated from the connection part to a side opposite to the second rail member.

5. The massage machine according to claim 3, wherein in the connection part, the first rail member comprises a first connection piece protruding in the longer direction, and the second rail member comprises a second connection piece protruding in the longer direction,

the first connection piece and the second connection piece are disposed overlapping in a side view,

a side surface of the first connection piece and a side surface of the second connection piece keep a

contact state even when a bending angle of the track has any value, and

a guide surface of the first connection piece and a guide surface of the second connection piece are in a state of being continuously connected, and at least one of the guide surface of the first connection piece and the guide surface of the second connection piece is in a state of constantly contacting with the guide member.

6. The massage machine according to claim 2, comprising:

a main body part provided with the massage mechanism; a swing part that is made swingable with respect to the main body part; and a posture changing part that swings and changes a posture of the swing part in a predetermined direction with respect to the main body part, wherein:

the main body part is provided with the first rail member;

the swing part is provided with the second rail member; and

when the posture of the swing part is changed by the posture changing part, a bending level of the second rail member is changed by the switching mechanism and the massage mechanism continuously moves from the main

body part to the swing part.

7. The massage machine according to claim 6, wherein the posture changing part is adapted to be a ratchet mechanism that can change a tilting level of the swing part in multiple directions.