Claims

[Claim 1] Electric furniture, comprising:

a controlled part;

a memory;

a detector configured to detect a state of a user; and

a controller configured to control the controlled part based on the state of the user detected by the detector, the controller including an operation mode, and a memory mode, the controller being configured to control the controlled part on the basis of an input of a first operation acceptor in the operation mode, the controller being configured to automatically store a state of the controlled part in association with a first state of the user in the memory in the memory mode if the detector detects that the state of the user is the first state of the user, the controller being configured to automatically control the controlled part on the basis of an input of a second operation acceptor in the operation mode, the first operation acceptor being different from the second operation acceptor.

[Claim 2] The electric furniture according to claim 1, wherein

the controlled part includes a movable part, and the controller performs a movable part control of moving the movable part based on the state of the user detected by the detector.

[Claim 3] The electric furniture according to claim 2, wherein

the movable part includes a height adjuster, and the controller lowers a height of the height adjuster when the state of the user is a sleeping state.

[Claim 4] The electric furniture according to claim 2, wherein

the movable part includes a height adjuster, and the controller adjusts a height of the height adjuster to be a sitting-upright height when the state of the user is sitting upright.

[Claim 5] The electric furniture according to claim 2, further comprising

a floor part sensor detecting an object existing in a space between the movable part and a floor,

the controller not performing the movable part control when the floor part sensor detects the object in the space between the movable part and the

floor.

[Claim 6] The electric furniture according to claim 2, wherein

the movable part includes a back section,

the controller tilts the back section when the state of the user is falling asleep, and the controller changes the back section toward horizontal when the state of the user is sleeping after the falling asleep.

[Claim 7] The electric furniture according to claim 6, wherein

an angle of the tilt of the back section is not less than 4 degrees but less than 24 degrees, and the controller sets an angle of the back section to be less than 4 degrees when the state of the user is the sleeping after the falling asleep.

[Claim 8] The electric furniture according to claim 2, wherein

the movable part includes a back section, and

the controller increases an angle of the back section when the state of the user is sitting up.

[Claim 9] The electric furniture according to claim 2, further comprising:

a frame; and

a frame part sensor detecting an object existing in a space between the frame and the movable part, the controller not performing the movable part control when the frame part sensor detects the object in the space between the frame and the movable part.

[Claim 10] The electric furniture according to claim 2, further comprising

a body sensor detecting a position of a body of the user,

the controller not performing the movable part control when the body sensor detects at least a part of the body overlapping the electric furniture.

[Claim 11] The electric furniture according to claim 2, further comprising

a control device including an operation acceptor,

the movable part moving according to a control operation accepted by

the operation acceptor, a speed when the movable part moves based on the state of the user detected by the detector being different from a speed when the movable part moves according to the control operation accepted by the operation acceptor.

[Claim 12] The electric furniture according to claim 2, wherein

the memory is configured to store movable part information in association with user state information, the user state information relating to the state of the user, the movable part

information relating to a state of the movable part corresponding to the user state information,

the controller is configured to move the movable part based on the movable part information stored in the memory.

[Claim 13] The electric furniture according to claim 12, wherein the movable part information stored in the memory is initializable.

[Claim 14] The electric furniture according to claim 2, further comprising

a body sensor detecting a position of a body of the user,

the movable part control performed when the body sensor detects at least a part of the body overlapping the electric furniture.

[Claim 15] The electric furniture according to claim 1, further comprising:

a control device capable of receiving the instruction of the user, the control device including the first operation acceptor and the second operation acceptor provided in a first surface and a switch provided in a second surface, the second surface being different from the first surface.

[Claim 16] The electric furniture according to claim 15,

wherein the controller is configured to change the operation mode to the memory mode if the user pushed the switch .