Claims

1. An electric bed comprising:

a plurality of bottoms;

a plurality of first frames that support the plurality of bottoms;

a second frame that supports the plurality of first frames;

a driver capable of moving the plurality of bottoms;

a controller configured to control the driver ;

an input unit including a first switch, the driver moves the bottoms and the first switch is turned on only if a user presses down the first switch; and

a notification unit configured to connect the controller,

wherein when the bottoms moves downwardly in a first direction by the user presses down the first switch, the bottoms stop moving if a height of the plurality of bottoms from a floor reaches a first height, the notification unit produces a first buzzer sound at the first height,

after stopping moving, the bottoms re-start moving downwardly by the user re-presses down the first switch, the notification unit produces a second buzzer sound at a second height, the second buzzer sound being different from the first buzzer sound, the second height being lower than the first height, and wherein the second frame comprises a connecting rod extending in a second direction, the second direction being an orthogonal direction from the first direction, wherein the connecting rod includes a curved portion and wherein each end of the connecting rod is connected to the first frame.

2. The electric bed according to claim 1, wherein

the first height is predetermined,

the first buzzer includes a first sound producing period, and

the second buzzer includes a second sound producing period, a second sound producing period is shorter than a first sound producing period.

3. The electric bed according to claim 1 or 2, wherein

the notification unit produces a third buzzer sound at a third height, the third height being lower than the second height, the third buzzer sound including a third sound producing period, the third sound producing period is shorter than the second sound producing period.

4. The electric bed according to claim 1 wherein

the first pattern includes the first sound producing period during which a sound is produced, a first sound eliminating period after the first sound producing period, during which no sound is produced, and a second sound producing period after the first sound eliminating period, during which a sound is

produced.

5. The electric bed according to claim 1, 2 or 4 wherein

the notification unit includes a speaker, and

wherein the speaker produces a sound having patterns which are different depending on the height of the plurality of bottoms from the floor.

6 The electric bed according to claim 1, 2, or 4,

wherein the minimum height of the electric bed from floor is 15 cm.

7. The electric bed according to claim 1, 2, or 4, further comprising

a detector configured to detect an environmental change around the electric bed,

wherein based on an input from a detection unit, the controller changes at least any one of the sound pressure of the notification information sound and the frequency of the notification information sound.

8. The electric bed according to claim 1, 2, or 4, wherein

the notification unit includes a vibration generator that vibrates the input unit, and

wherein the controller causes the vibration generator to produce a vibration having patterns which are different depending on the height of the plurality of bottoms.

9. The electric bed according to claim 1, 2, or 4, wherein

wherein the notification unit includes a display configured to display the notification information, and

wherein the controller causes the display to display a warning having patterns which are different depending on the height of the plurality of bottoms.