Claims

1. A bed system comprising:

a plurality of first devices associated with and configured to connect to and communicate with a plurality of beds, one of the first devices being associated with a first user, and

a second device configured to connect to and communicate with the plurality of first devices,

wherein the one of the first devices can change a first setting of a first item and a second setting of a second item if the one of the first devices receives a first instruction to change the first setting and the second setting, and the first item is different from the second item, and

wherein the second device can receive a second instruction to change the first setting, the first setting of the first item being changeable to a third setting of the first item, if the second device receives the second instruction, the second device being unable to receive a third instruction to change the second setting.

2. The bed system according to claim 1, wherein the second device including a first mode and a second mode, the second device is not capable of receiving the third instruction in the first mode, and the second device is capable of receiving the third instruction in the second mode.

3. The bed system according to claim 2, wherein the second setting is changed to a fourth setting of the second item if the second device in the second mode received the third instruction and the first device received approval of changing the second setting.

4. The bed system according to claim 1, wherein the plurality of beds are each connected to a separate one of the first devices respectively, each respective first device being provided near the bed.

5. The bed system according to claim 3, wherein the first item relates to at least one of a heartbeat of a user corresponding to one of the beds and breathing of the user.

6. The bed system according to claim 5, wherein the heartbeat of the user and the breathing of the user are acquired from the bed or an auxiliary device of the bed.

7. The bed system according to claim 6, wherein the second item relates to user behavior information including at least one of whether the user is staying in the bed or the user gets out of the bed, whether the user is sleeping or waking up, whether the user is sitting up on the bed or sitting on the edge of the bed in relation to a user corresponding to one of the beds.

8. The bed system according to claim 3, wherein, the plurality of beds includes a first bed, and when the

first device corresponding to the first bed receives the first instruction to determine a first threshold of the first item is changed to a second threshold of the first item while the second device receives a fourth instruction for the first device corresponding to the first bed to determine the first threshold of the first item is changed to a third threshold of the first item the second threshold is different from the third threshold, at least one of the first device corresponding to the first bed and the second device activates an alarm to notify any error.

9. The bed system according to claim 2, wherein if the second device is in the first mode the second device can display the first setting of the first item and the second setting of the second item.

10. The bed system according to claim 2, wherein if the second device is in the second mode, the second device can show a notification indicating that the second setting has not yet been approved.

11. The bed system according to claim 2, further comprising: a separate device not connected to the second device, wherein the second device displays information relating to the first devices on a single screen but does not display information relating to the separate device on the single screen.

12. The bed system according to claim 2, wherein a first operation to determine whether the second setting deviates from a reference range is able to be performed.

13. The bed system according to claim 1, wherein the second device acquires a measurement value relating to the first item, and the operation includes issuing a report if a threshold range of the second setting is set and the measurement value exceeds the threshold range.

14. A bed system comprising:

a plurality of first devices; and

a second device capable of communicating with the plurality of first devices,

wherein one of the first devices among the plurality of first devices includes a bed, and

wherein the one of the first devices can change a first setting of a first item and a second setting of a second item if the one of the first devices receives a first instruction to change the first setting and the second setting, and the first item is different from the second item,

when a back angle of the bed is in a first state so as to be larger than a first angle or a height of the bed is in a second state so as to be higher than a first height, the second device can receive input to change the first setting of the first item in the one of the first devices,

when the back angle is not in the first state and the height is not in the second state, the second device does not receive input to change the second setting of the second item, and

the at least one of the second device and the plurality of first devices performs an operation corresponding to the set value.

15. The bed system according to claim 14, wherein the second item relates to user behavior information including at least one of whether the user is staying in the bed or the user gets out of the bed, whether the user is sleeping or waking up, whether the user is sitting up on the bed or sitting on the edge of the bed in relation to a user corresponding to one of the beds in relation to a user of the bed.