Claims

1. A medical pendant system, characterized in that the medical pendant system comprises a movable component, an execution component and a bus; the movable component comprises a key control module; the key control module comprises a braking system control key and a pendant lifting/lowering control key; the execution component comprises a bus power supply, a pendant motor, and a braking system; the movable component and the execution component are connected respectively to the bus; the bus is used for transmitting power supply, and also used for transmitting instructions from the movable component to the execution component, wherein the bus is disposed in an inner groove inside the pendant cabinet or on the exterior surface thereof and extending along the lengthwise direction of the pendant cabinet, and the bus comprises an insulator accommodated inside the inner groove, and a conductor enclosed inside the insulator.

2. The medical pendant system of claim 1, wherein the execution component further comprises an output control part, the output control part is connected respectively with the bus power supply, the pendant motor, and the braking system.

3. The medical pendant system of claim 1, wherein the medical pendant system further comprises a relay module located between the movable component and the bus, and a relay module located between the execution component and the bus.

~~4. The medical pendant system of claim 1, wherein the bus is disposed in an inner groove inside the pendant cabinet or on the exterior surface thereof and extending along the lengthwise direction of the pendant cabinet, and the bus comprises an insulator accommodated inside the inner groove, and a conductor enclosed inside the insulator.~~

~~5~~4. The medical pendant cabinet of claim ~~4~~1, wherein the inner groove is

substantially filled when the insulator is accommodated inside the inner groove and the conductor is enclosed inside the insulator.

~~6~~5. The medical pendant system of claim ~~4~~1, wherein the number of lines of the bus is two, namely, the bus comprises two insulators accommodated inside the inner groove and two conductors respectively enclosed inside the two insulators.

~~7~~6. The medical pendant system of claim ~~4~~1, wherein the cross section of the conductor is substantially Y-shaped, Ω-shaped, V-shaped, W-shaped, C-shaped, or T-shaped.

~~8~~7. The medical pendant system of claim 2, wherein the output control part is further connected with a pendant protecting sensor.

~~9~~8. The medical pendant system of claim 2, wherein the output control part is further connected with a height limiting unit for limiting the lifting and lowering range of the pendant.

~~10~~9. The medical pendant system of claim 2, wherein the output control part is further connected with a pendant motor power supply.

~~11~~10. The medical pendant system of claim 1, wherein the movable component further comprises an environmental lamp module.

~~12~~11. The medical pendant system of claim 1, wherein the movable component further comprises a display module, and the execution component further comprises a display data line module.

~~13~~12. The medical pendant system of claim 1, wherein the movable component further comprises a pulse sensor module, and the execution component further comprises a pulse diagnostic instrument module.

~~14~~13. The medical pendant system of claim 1, wherein the key control module further comprises an input conversion interface.

~~15~~14. A medical pendant system, characterized in that the medical pendant system comprises a movable component, an execution component and a bus; the movable component comprises a key control module; the key control module comprises a braking system control key and a pendant lifting/lowering control key; the execution component comprises a bus power supply, a pendant motor, and a braking system; the movable component and the execution component are connected respectively to the bus; the medical pendant system further comprises a relay module located between the movable component and the bus, and a relay module located between the execution component and the bus, the two relay modules are substantially identical and each of them comprises a relay module mechanical interface and a relay module electrical interface for respectively connecting to a cabinet mechanical interface and a cabinet electrical interface disposed on the pendant cabinet.

~~16~~15. The medical pendant system of claim ~~15~~14, wherein the execution component further comprises an output control part, the output control part is connected respectively with the bus power supply, the pendant motor, and the braking system.

~~17~~16. The medical pendant system of claim ~~15~~14, wherein the relay module mechanical interface comprises a concave curved surface portion or a convex curved surface portion disposed on the relay module, and the cabinet mechanical interface comprises correspondingly a convex curved surface portion or a concave curved surface portion disposed on the pendant cabinet.

~~18~~17. The medical pendant system of claim ~~15~~14, wherein the relay module electrical interface comprises a pin disposed on the relay module, and the

cabinet electrical interface comprises the bus disposed on the pendant cabinet.