

A MEDICAL DISPLAY SCREEN CONTROL BOX

Utility Model Patent — English Translation

English translation prepared for reference only. In case of any discrepancy, the original Chinese patent publication (CN 210328259 U) shall prevail.

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(57) ABSTRACT

The present utility model provides a medical display screen control box, comprising a box body, wherein the box body comprises a first compartment, a second compartment and a third compartment; a display panel is provided at a front end of the first compartment, a lower end of the display panel is rotationally connected to the box body, a rebound latch is provided on an inner side of an upper end of the display panel, and a rebound device corresponding to the rebound latch is provided at an upper end of an inner side of the first compartment; a mounting plate is provided at a front end of the second compartment, and a temperature sensor is fixed on an inner side of the mounting plate; and a drawer is provided in the third compartment. The medical display screen control box of the present utility model adopts a wall-embedded structure, allowing the box body to be installed inside a wall, and the display panel is then provided on the box body; moreover, the display panel can be opened by pressing, so that a relatively large storage space is provided inside the display panel for convenient storage of tools.

CLAIMS

1. A medical display screen control box, comprising:
 - a box body (1), the box body (1) comprising a first compartment (11), a second compartment (12) and a third compartment (13);
 - a display panel (2) provided at a front end of the first compartment (11), a lower end of the display panel (2) being rotationally connected to the box body (1);
 - a rebound latch (31) provided on an inner side of an upper end of the display panel (2), and a rebound device (32) corresponding to the rebound latch (31) provided at an upper end of an inner side of the first compartment (11);
 - a mounting plate (41) provided at a front end of the second compartment (12), a temperature sensor (42) being fixed on an inner side of the mounting plate (41); and
 - a drawer (43) provided in the third compartment (13).
2. The medical display screen control box according to claim 1, characterized in that the mounting plate (41) is provided with a through hole (411) communicating with the temperature sensor (42).
3. The medical display screen control box according to claim 1, characterized in that a desiccant sheet (51) is further placed in the second compartment (12), a bottom plate (52) is fixed between the first compartment (11) and the second compartment (12), the bottom plate (52) is provided with a plurality of ventilation holes, and a cover plate (521) is further provided at a middle portion of the bottom plate (52).
4. The medical display screen control box according to claim 1, characterized in that a hand-pull portion (431) is provided at a front end of the drawer (43).
5. The medical display screen control box according to claim 1, characterized in that two rebound latches (31) and two rebound devices (32) are provided.

DESCRIPTION

A Medical Display Screen Control Box

TECHNICAL FIELD

[0001] The present utility model relates to the field of medical equipment, and in particular to a medical display screen control box.

BACKGROUND ART

[0002] In operating rooms of hospitals, a display screen is usually hung on the wall in order to facilitate observation by doctors and nurses of indoor temperature and humidity parameters and of the local time. Most existing display screen structures are wall-hung structures; since dust is liable to accumulate at the positions of the power interface, speaker opening and heat dissipation holes of the display, bacteria are liable to breed, which seriously pollutes the environment inside the operating room.

SUMMARY OF THE UTILITY MODEL

[0003] In view of the above problems, the present utility model provides a medical display screen control box, which adopts a wall-embedded structure, allowing the box body to be installed inside a wall, and the display panel is then provided on the box body; moreover, the display panel can be opened by pressing, so that a relatively large storage space is provided inside the display panel for convenient storage of tools.

[0004] To achieve the above object, the present utility model solves the above problems by means of the following technical solutions:

[0005] A medical display screen control box, comprising a box body, wherein the box body comprises a first compartment, a second compartment and a third compartment; a display panel is provided at a front end of the first compartment, a lower end of the display panel is rotationally connected to the box body, a rebound latch is provided on an inner side of an upper end of the display panel, and a rebound device corresponding to the rebound latch is provided at an upper end of an inner side of the first compartment; a mounting plate is provided at a front end of the second compartment, and a temperature sensor is fixed on an inner side of the mounting plate; and a drawer is provided in the third compartment.

[0006] Specifically, the mounting plate is provided with a through hole communicating with the temperature sensor.

[0007] Specifically, a desiccant sheet is further placed in the second compartment, a bottom plate is fixed between the first compartment and the second compartment, the bottom plate is provided with a plurality of ventilation holes, and a cover plate is further provided at a middle portion of the bottom plate.

[0008] Specifically, a hand-pull portion is provided at a front end of the drawer.

[0009] Specifically, two rebound latches and two rebound devices are provided.

[0010] The present utility model has the following beneficial effects:

[0011] First, the medical display screen control box provided by the present utility model adopts a wall-embedded structure, allowing the box body to be installed inside a wall, and the display panel is then provided on the box body; moreover, the display panel can be opened by pressing via the rebound device, so that a relatively large storage space is provided inside the display panel for convenient storage of tools;

[0012] Second, a pull-out drawer is added at the bottom of the box body, and tools can likewise be stored in the drawer;

[0013] Third, a desiccant sheet is added in the second compartment, and a plurality of ventilation holes communicating with the first compartment are provided at the upper end, so that the space in the first compartment is kept dry, avoiding bacteria being liable to breed in a humid environment.

BRIEF DESCRIPTION OF THE DRAWINGS

[0014] FIG. 1 is a first structural schematic view of the medical display screen control box of the present utility model.

[0015] FIG. 2 is a second structural schematic view of the medical display screen control box of the present utility model.

[0016] FIG. 3 is a third structural schematic view of the medical display screen control box of the present utility model.

[0017] FIG. 4 is a fourth structural schematic view of the medical display screen control box of the present utility model.

[0018] FIG. 5 is a fifth structural schematic view of the medical display screen control box of the present utility model.

[0019] The reference signs are as follows: box body 1; first compartment 11; second compartment 12; third compartment 13; display panel 2; rebound latch 31; rebound device 32; mounting plate 41; through hole 411; temperature sensor 42; drawer 43; hand-pull portion 431; desiccant sheet 51; bottom plate 52; cover plate 521.

DETAILED DESCRIPTION OF EMBODIMENTS

[0020] The present utility model will be described in further detail below in conjunction with the embodiments and the accompanying drawings, but the embodiments of the present utility model are not limited thereto.

[0021] As shown in FIGS. 1-5:

[0022] A medical display screen control box comprises a box body 1, the box body 1 comprising a first compartment 11, a second compartment 12 and a third compartment 13; a display panel 2 is provided at a front end of the first compartment 11, display content of the display panel 2 is input through a corresponding control system, and parameters such as indoor temperature and humidity can be displayed on the display panel 2 in real time; a lower end of the display panel 2 is rotationally connected to the box body 1, a rebound latch 31 is provided on an inner side of an upper end of the display panel 2, and a rebound device 32 corresponding to the rebound latch 31 is provided at an upper end of an inner side of the first compartment 11; by pressing the upper end of the display panel 2, the upper end of the display panel 2 is opened under the action of the rebound latch 31 and the rebound device 32, and tools can be stored in the first compartment 11 after opening; a mounting plate 41 is provided at a front end of the second compartment 12, a temperature sensor 42 is fixed on an inner side of the mounting plate 41, and a drawer 43 is provided in the third compartment 13.

[0023] Preferably, the mounting plate 41 is provided with a through hole 411 communicating with the temperature sensor 42, and the temperature sensor 42 is used to monitor the temperature at the front side of the box body 1.

[0024] Preferably, a desiccant sheet 51 is further placed in the second compartment 12, a bottom plate 52 is fixed between the first compartment 11 and the second compartment 12, the bottom plate 52 is provided with a plurality of ventilation holes, and a cover plate 521 is further provided at a middle portion of the bottom plate 52, so that the space in the first compartment 11 is kept dry, avoiding bacteria being liable to breed in a humid environment.

[0025] Preferably, in order to facilitate a user pulling the drawer 43 out, a hand-pull portion 431 is provided at a front end of the drawer 43.

[0026] Preferably, two rebound latches 31 and two rebound devices 32 are provided.

[0027] The above embodiments merely express one embodiment of the present utility model, and the description thereof is relatively specific and detailed, but it should not be construed as limiting the patent scope of the present utility model. It should be noted that those of ordinary skill in the art may make several modifications and improvements without departing from the concept of the present utility model, and these shall all fall within the protection scope of the present utility model. Therefore, the protection scope of the present utility model patent shall be defined by the appended claims.

DRAWINGS

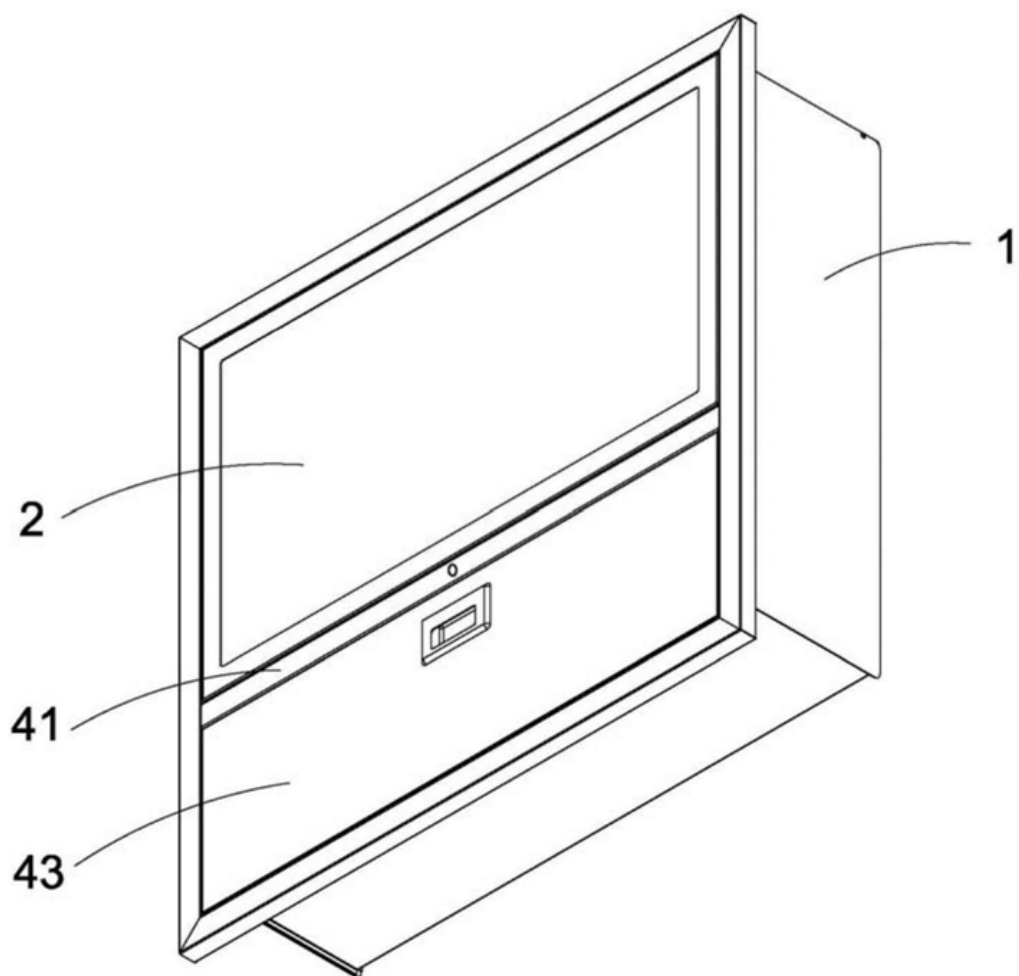


FIG. 1 — First structural schematic view of the medical display screen control box

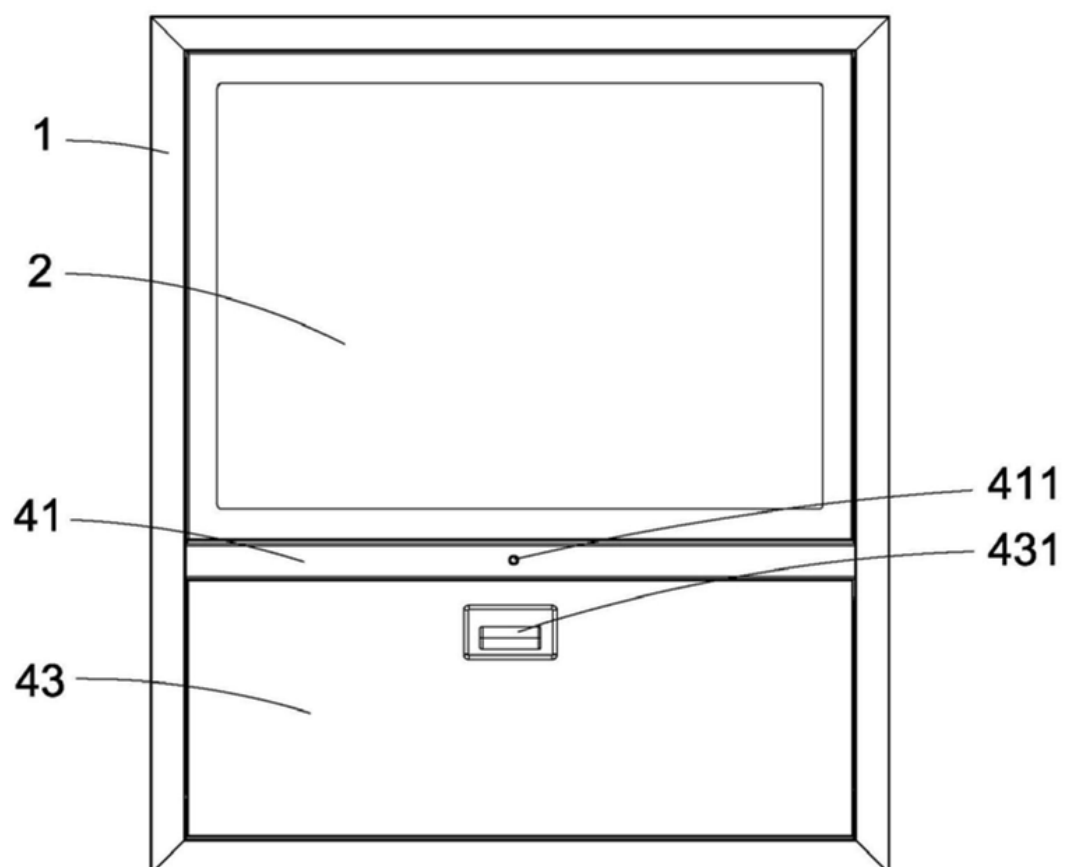


FIG. 2 — Second structural schematic view of the medical display screen control box

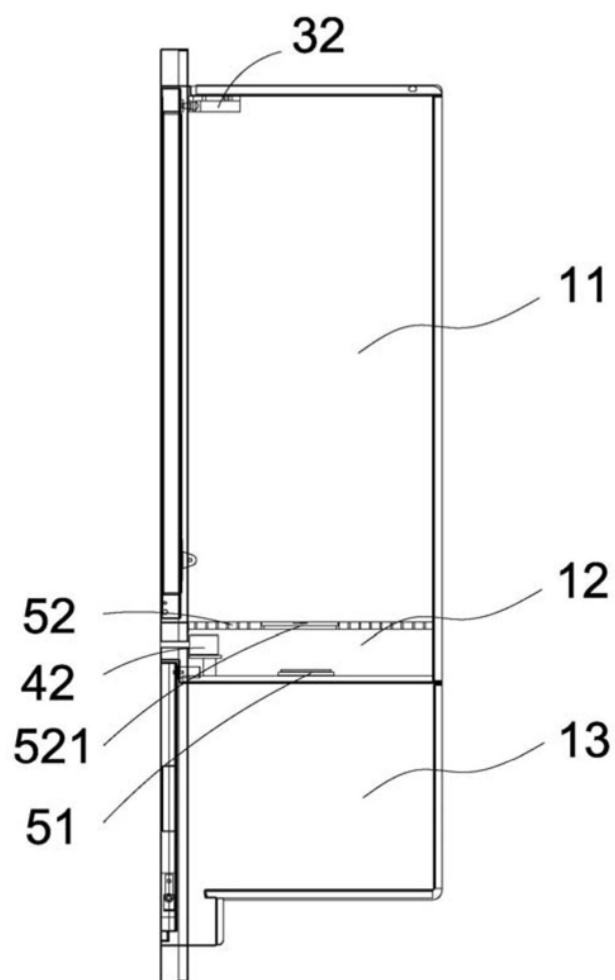


FIG. 3 — Third structural schematic view of the medical display screen control box

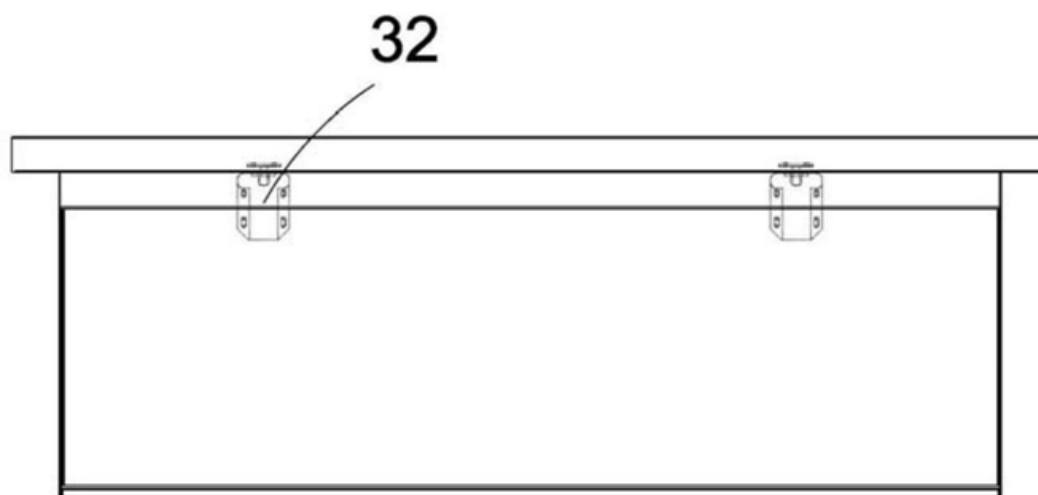


FIG. 4 — Fourth structural schematic view of the medical display screen control box

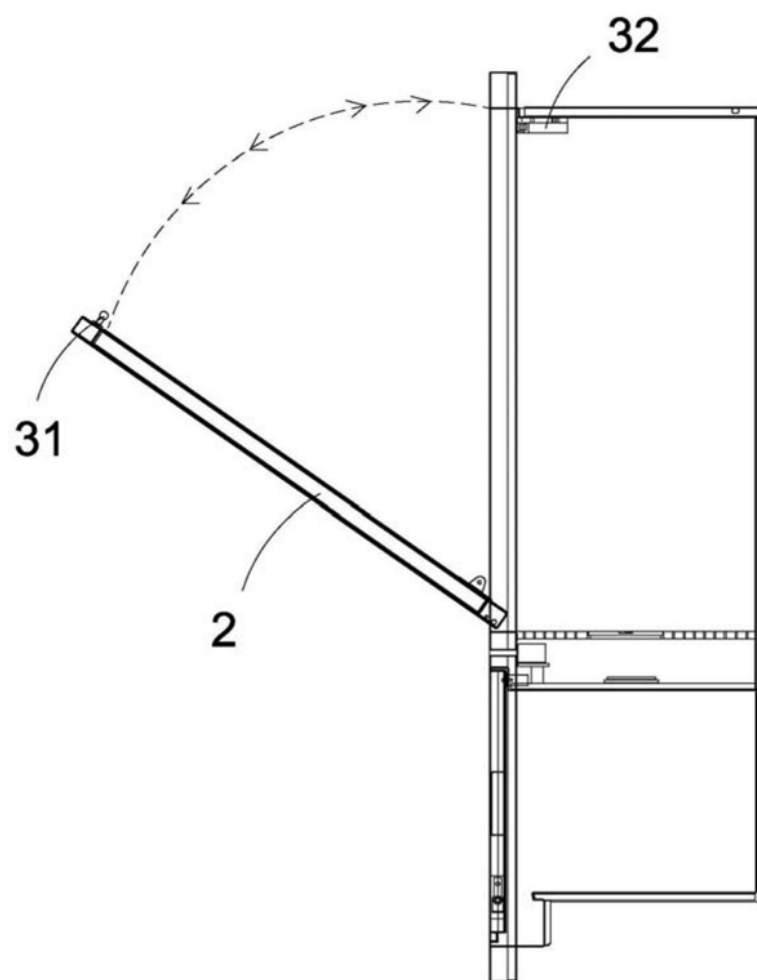


FIG. 5 — Fifth structural schematic view of the medical display screen control box