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W. G. HULLHORST.
BRACKET TABLE.

APPLICATION FILED JAN. 15, 1908.

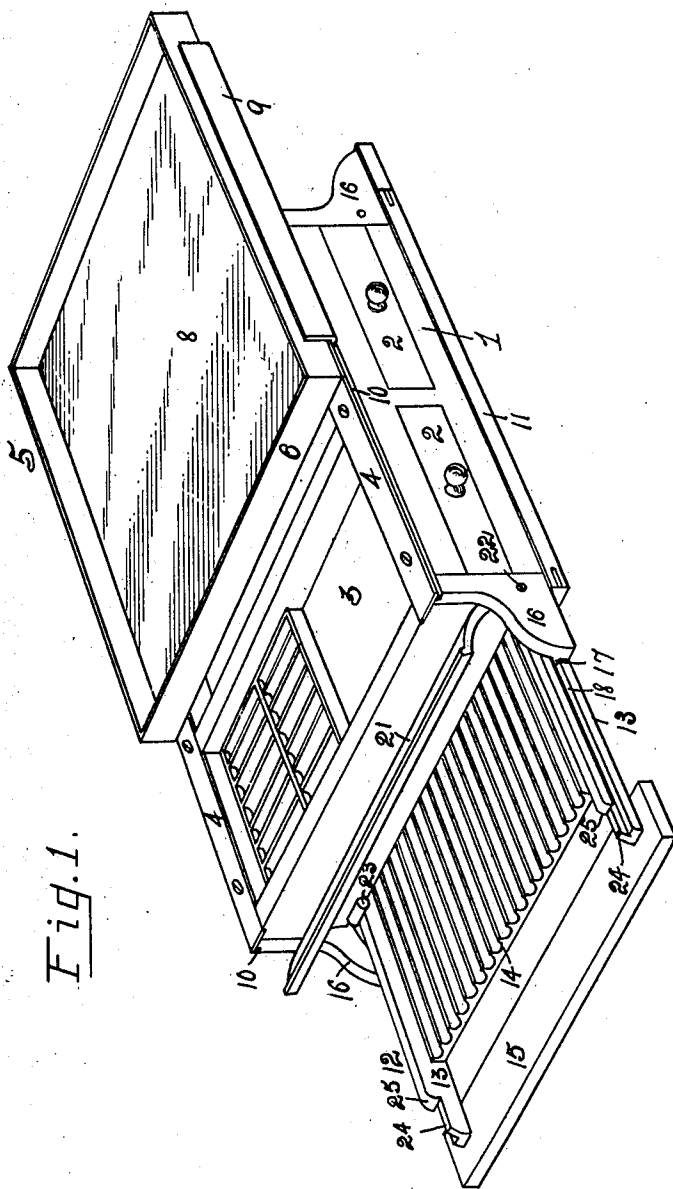


Fig. 1.

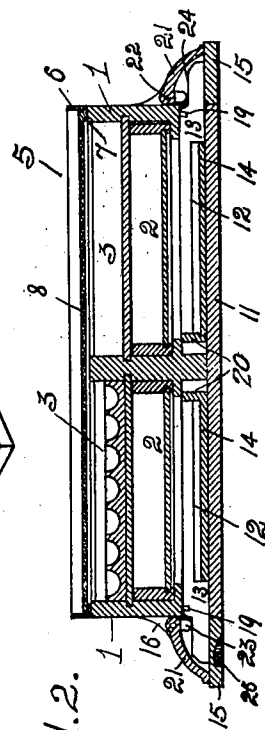


Fig. 2.

WITNESSES:

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WILLIAM G. HULLHORST, OF TOLEDO, OHIO, ASSIGNOR TO THE TOLEDO CABINET COMPANY,
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BRACKET-TABLE.

No. 895,640.

Specification of Letters Patent.

Patented Aug. 11, 1908.

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To all whom it may concern:

Be it known that I, WILLIAM G. HULLHORST, a citizen of the United States, and a resident of Toledo, in the county of Lucas and State of Ohio, have invented a certain new and useful Bracket-Table; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to cabinets for instruments or other similar articles, and has particular reference to a bracket-table for use by dentists or the like.

An object of my invention is the provision, in combination with a cabinet or bracket-table of this class, of a drawer or sliding part for holding instruments or other articles which has its outer end open and has means associated therewith adapted to form a closure member for the open end of the drawer or sliding part when said drawer or sliding part is in closed position and to be automatically moved to open position by an opening movement of the drawer or sliding part.

Other objects of my invention are the provision of a simple and highly efficient apparatus of this class, which is provided with a variety of compactly arranged compartments, drawers and the like, and which is provided on its top with compartments or trays adapted to hold material or the like and covered by a sliding member which forms the top or working table proper of the apparatus.

The operation, construction and arrangement of the parts of the invention are fully described in the following specification, and illustrated in the accompanying drawings, in which,—

Figure 1 is a perspective view of a bracket-table embodying my invention, with its top moved to partially uncover the upper compartments and one sliding instrument-carrying part and its closure member in open position, and Fig. 2 is a vertical longitudinal section of the same in closed form.

Referring to the drawings, 1 designates the frame of the cabinet or bracket-table, which is shown as being provided transversely thereof with one or more drawers 2,

and as being formed above said drawers with one or more open-top compartments 3 arranged in any suitable or convenient manner. The upper side edges of the frame are preferably faced with metal strips 4, 4 on which the tray or table top 5 rests and is intended to slide to and fro on the frame to uncover the top compartments 3 when desired, as shown in Fig. 1. The tray 5 is shown as comprising a rectangular frame 6, preferably but not necessarily of metal, which is formed at its base with an inturned flange 7 intended to form a seat on which a bottom-piece 8 rests. The bottom-piece 8 preferably consists of glass, porcelain or enameled metal to provide a smooth sanitary working surface. The tray 5 is constrained to have a movement in one direction only on the frame 1 due to guide-pieces 9 being secured to the sides thereof in any suitable manner and having their lower edges formed with inturned flanges which project under the outer edges of the metal-strips 4 and work in gained portions 10 in the frame.

Mounted on the bottom 11 of the frame 1 beneath the drawers 2 and shown as being adapted to work in opposite directions through the registering openings in the end pieces of the frame are the two instrument drawers or sliding parts 12. These drawers or sliding parts are shown as comprising the side-bars 13, the bottom-piece 14, which connects said bars and has its top surface preferably longitudinally corrugated or recessed to provide separate pockets for a plurality of instruments, and the reclining front-piece 15, which connects the forward projected ends of the side-bars 13 preferably in the plane of the frame bottom 11 and has a portion extending beyond the bar ends, as shown. Projecting from the ends of the frame at the sides of the drawers or sliding parts 12 are the bracket members or extension pieces 16, which have ribs 17 formed on their inner sides for working in complementary grooves 18 in the sides of the bars 13 to assist in maintaining the associated drawer or sliding part 12 in horizontal position when open. A stop 19 coacts with the rear end piece or shoulder 20 of each drawer 12 to limit the outward movement thereof.

Coöperating with the drawers or sliding parts 12 when in closed position to completely close the frame openings through

which they work, are the closure members 21, which are disposed between the associated brackets 16 and have their inner edges pivoted thereto at their ends immediately above the planes of their drawers, as at 22. These closure members are fashioned to extend outwardly and downwardly from their pivots so as to pass over the outer ends of the side bars 13 and rest at their outer edges on the front-pieces 15 of the drawers when the latter are in closed position, as shown in Fig. 2.

Projecting downwardly from near the inner edges of the closure members are lugs 23, which, when the drawers or sliding parts are in closed position, extend within cutaway portions 24 at the forward ends of the side-bars 13, and when the drawers are drawn outwardly cooperate with the shoulders 25 of said cutaway portions to effect an automatic raising of the forward ends of said members to open position, as shown at the left of Fig. 1. The closure members are maintained in open positions when the drawers are open due to the coaction of the lugs 23 with the tops of the side-bars of the drawers. To facilitate an opening of the drawers 12 the outer end-pieces 15 thereof may be provided in their under sides with finger recesses 26 or with other suitable means.

When a drawer 12 is in closed position the inner or rear edge of its front-piece 15 abuts against the bottom 11 of the frame 1, and its ends, which project beyond the side-bars 13, pass under the bracket-members 16; the closure-member 21 stands in lowered position with its forward or outer edge seating closely on the top of the front-piece 15 of the drawer in advance of the side-bar ends and the lugs 23 thereof project in the cutaway portions 24 of said bars, and the brackets 16 abut at their inner sides against the ends of the closure-member and at their lower edges against the end portions of the front-piece 15, thus combining with said parts to completely close the opening in the frame side through which the drawer works and protecting the contents of the drawer from dust.

It is thus apparent that I have provided a cabinet or bracket-table, which is roomy and compact in its construction, and equipped with open ended instrument drawers, which when in closed position are protected from dust and dirt, and with a sliding sanitary tray-like top, which is movable to uncover compartments lying beneath the same, thus materially adding to the practicability and commercial value of apparatus of this class.

I wish it understood that I do not desire to be limited to the exact construction and arrangement of the parts shown and described, as obvious modifications will occur to persons skilled in the art.

Having thus described my invention, what

I claim as new, and desire to secure by Letters Patent, is,—

1. In combination, a frame having a drawer opening, a drawer movable through said opening, and a member hinged to the frame adjacent to the top of the opening and adapted to stand across the drawer opening to close the same when the drawer is in closed position, said member having laterally projecting lugs at its hinged edge which cooperate with the drawer sides to effect an automatic raising of the member to uncover said opening when the drawer is pulled out.

2. In combination, a cabinet having a drawer opening therein, a drawer movable through said opening and having its front end of less depth than the opening, and a member pivoted adjacent to the top of the opening and adapted to move by gravity to close the opening when the drawer is in closed position, said member being provided at its hinged edge and said drawer at its sides with cooperating portions fashioned to effect an automatic raising of the member to uncover said opening and hold the outer or free portion of the member elevated free from contact with the drawer when the latter is pulled out.

3. The combination with a cabinet having a drawer opening in its side, of an open-front drawer mounted in said opening and having portions of the forward ends of its side-bars cut away to form shoulders, and a member pivoted to the cabinet and having laterally projecting portions which drop in the cutaway portions of the side-bars when the drawer is in closed position and permit a movement of the member to close the opening and which coact with the shoulders to effect an opening of the member and maintain its outer edge elevated when the drawer is drawn out.

4. A cabinet having a drawer mounted therein and working through an opening in the cabinet which is deeper than the drawer-front, said drawer having a reclining front piece brackets projecting from the cabinet at the sides of the path of movement of the drawer, and a member pivoted at its ends to said brackets and adapted to move by gravity to combine with the reclining front piece of the drawer to close the drawer opening when the drawer is in closed position, said drawer and member having cooperating portions fashioned to effect an automatic raising of the member to uncover said opening when the drawer is pulled out.

5. The combination with a cabinet having a drawer opening therein, of a drawer mounted for movement in said opening, said drawer comprising side-bars, a connecting bottom piece, and a reclining front piece connecting the forward ends of the side-bars and projecting forwardly thereof, brackets projecting from the cabinet at the sides of the

drawer, and a member pivoted between the brackets and adapted, when the drawer is in closed position, to have its forward or outer edge rest on the front-piece of the drawer, thereby closing the drawer opening.

6. The combination with a cabinet having a drawer opening therein, of a drawer mounted for movement in said opening, said drawer comprising side-bars, a connecting bottom-piece, and a reclining front-piece connecting the forward ends of said bars and projecting in advance thereof, said front-piece serving as a means for limiting the inward movement of the drawer, brackets projecting from the cabinet at the sides of the drawer, and a member pivoted at its ends to said brackets and adapted, when the drawer is in closed position, to have its forward edge rest by gravity on the front-piece of the drawer in advance of the side-bars, said member and the side-bars of the drawer having portions fashioned to effect an elevation of the forward end of the member when the drawer is drawn out.

7. In combination, a table top, a tray-

like member slidingly mounted on said top, said member comprising a rectangular frame of angle-iron and a bottom of crystalline material resting within said frame, and means for guiding the movements of the member on the table.

8. A bracket-table having its top side-edges faced with metal strips, and a tray-like member slidingly mounted on said strips and adapted to cover the table top, said member comprising a frame having an inverted flange, a bottom piece mounted in the frame and resting on the flange, and means carried by the frame for engaging said strips to constrain the member to have a sliding movement in one direction only relative to the table.

In testimony whereof I have hereunto signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM G. HULLHORST.

Witnesses:

C. W. OWEN,
HAZEL B. HIETT.