March 21, 1933. H. A. BLOEDEL 1,902,319

COMBINATION CABINET AND SEAT CONSTRUCTION

Filed May 9, 1932

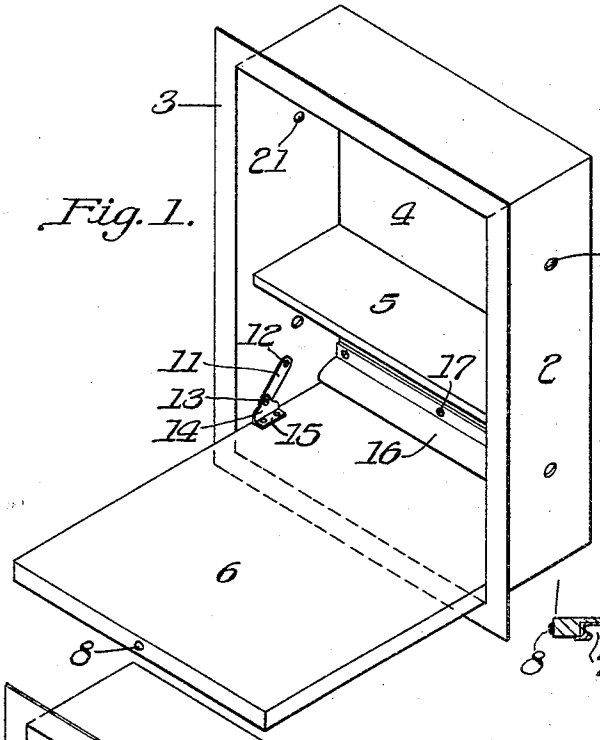


Fig. 1.

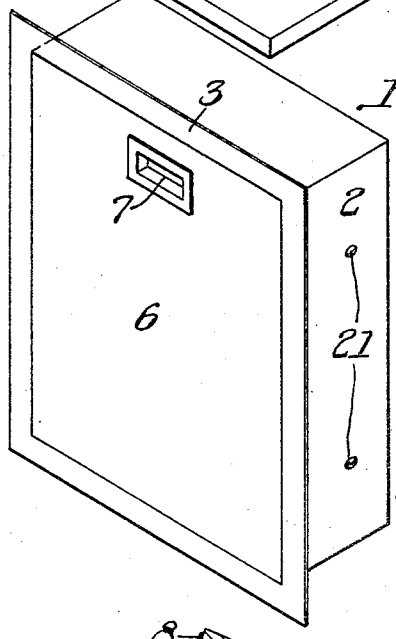


Fig. 2.

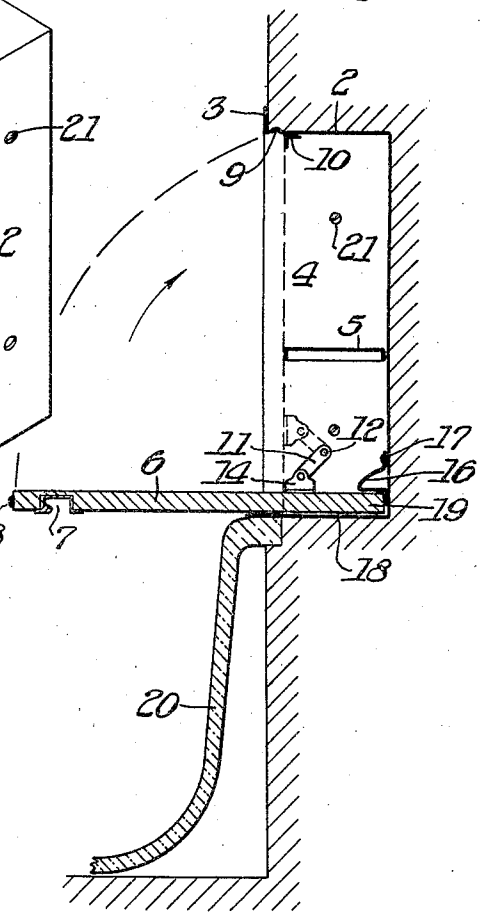


Fig. 3.

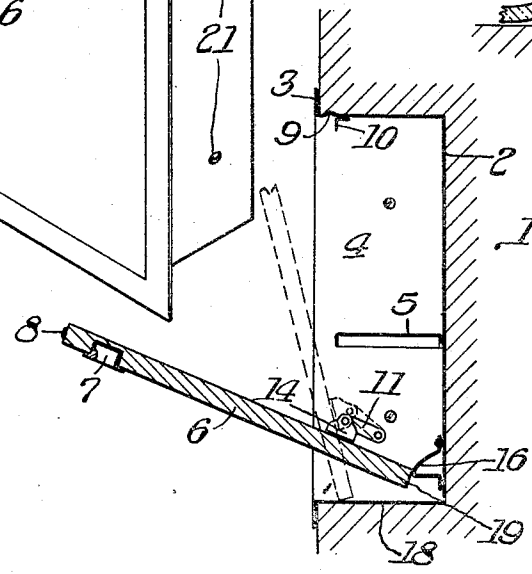


Fig. 4.

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UNITED STATES PATENT OFFICE

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COMBINATION CABINET AND SEAT CONSTRUCTION

Application filed May 9, 1932. Serial No. 610,040.

My invention refers to an improvement in a readily cleaned sanitary combination cabinet and seat construction, adapted for use in various ways, as for extension of the cabinet door as a seat outwardly from a wall above a bathtub, or wherever such a seat or support may be usefully located, in connection with a cabinet or other similar element.

The invention is illustrated in the accompanying drawing, in which:

Fig. 1 shows the device opened with the cabinet wall extended laterally;

Fig. 2 is a similar view showing the cabinet closed;

Fig. 3 is a vertical sectional view showing the cabinet as mounted in a wall above a bathtub;

Fig. 4 is a similar sectional view showing the manner in which the closing wall is actuated.

In the drawing, 2 represents a rectangular casing or box having top, bottom and side walls and a back, preferably formed of sheet metal and provided with a front surrounding securing flange 3 adapted to lie flush against the wall surface when the cabinet is inserted in a cavity therein, as in Fig. 3.

The cabinet is provided with the usual interior space 4 with one or more shelves 5 for support of any articles contained therein. The front wall 6 of the cabinet, which may be of board or of metal of necessary thickness, is so constructed and arranged with relation to the front opening of the cabinet, that it will fit neatly between the inner front edge portions of the top, bottom and sides, and close the same as in Fig. 2.

The front under side of the front wall or door 6 is provided with a flush pull 7 whereby it may be readily grasped for opening or closing, the upper outer edge of the door having a spring catch 8 for temporary holding engagement with a socket 9 in the upper edge portion of the casing 2. A limiting flange 10 of any suitable construction as an angle strip, is secured inwardly beyond the width space of the door 6, and the front edge of shelf 5 is spaced backwardly to the same extent, providing a stop shelf for contact with the door when closed.

The door is loosely mounted against the inner face of the opposite side walls 2 by means of a pair of swinging guide or link hinges 11 pivotally mounted and pivotally attached to the wall by a rivet or bolt 12, and having similar pivotal connection at 13 with the brackets 14 which are secured to the opposite lower edge portions of the door 6, as at 15.

At the lower inner corner portion of the casing is an extended arresting abutment 16 secured thereto by riveting 17 or welding, and providing a supporting ledge clear across the inner portion of the device. The lower portion of ledge 16 extends backwardly parallel with the floor or bottom surface 18, with intervening space just sufficient for insertion thereinto of the rear end 19 of the door when lowered. In such position, with the door extending outward horizontally, it is positively retained against further outward movement by the hinges 11 and is firmly held against the leverage of any supported weight, by the firm holding action of ledge 16 and hinges 11.

In swinging the door outwardly and upwardly as indicated in Fig. 4, for closure, it may be positively lifted upwardly by upward swinging of the hinge connections, so as to raise it sufficiently away from bottom contact, for cleaning of the bottom surface of the cabinet. Or, by merely swinging it upwardly, without upward lifting, with the lower front edge portion bearing against the bottom 18, it will thus sweep out or clear away accumulated water or any dirt or other foreign matter, thereby constantly maintaining the bottom portion of the cabinet in clean, free sanitary condition.

The construction as shown may be located above the side or end of a bathtub 20 for use of the door as a seat in connection therewith, or otherwise, as a supporting board or extended table section, usable in various ways, or as a supporting platform for contents of the cabinet itself.

The cabinet may be secured within the wall recess in any suitable way, as by nails or screws through openings 21 in the side or back wall.

In mounting the cabinet above a bathtub

as in Fig. 3, the lower flange 3 of the cabinet may be extended outwardly over the edge of the tub, preventing collection or deposit of water and ensuring sanitary conditions at all times.

The construction and operation of the invention will be readily understood and appreciated from the foregoing description, and it provides a convenient, highly efficient, strong sanitary and durable means for the purposes intended.

What I claim is:

1. A cabinet consisting of a rectangular open front casing provided with side walls, a top and a flat bottom wall, a back wall having a longitudinal ledge spaced above the rear portion of the bottom wall for insertion thereunder of a door when resting horizontally on the bottom wall, a front closing wall fitting between the front edges of the bottom, side and top, and swinging hinge members connecting the lower inner portion of the front wall with the side walls at points above the ledge.

2. A cabinet consisting of a rectangular open front casing provided with side walls, a top and a flat bottom wall, a back wall having a longitudinal ledge spaced above the rear portion of the bottom wall at a distance approximating the thickness of a closing wall, a front closing wall fitting between the front edges of the bottom, side and top, and swinging hinge members connecting the lower inner portion of the front wall with the side walls at points above the ledge whereby the front wall may be swung upwardly to closed position or lowered horizontally on the bottom to engaging position with the ledge.

3. A cabinet consisting of a rectangular open front casing provided with side walls, a top and a flat bottom wall, a back wall having a longitudinal ledge spaced above the rear portion of the bottom wall leaving a space only sufficient to admit insertion of the edge of a closing door, a front closing wall fitting between the front edges of the bottom, side and top, and swinging hinge members pivotally secured to the lower inside faces of the side walls and to the lower inside edges of the front wall at pivoting points above the ledge permitting swinging movement of the front wall and holding it in either erect closing position or in lowered horizontal position.

4. In a combined cabinet and seat construction, a rectangular casing having a flat bottom, sides, top and back enclosing the interior cavity, a longitudinal ledge support on the back spaced above the inner end of the bottom sufficient only for insertion of the edge of a closing door, a top door-arresting stop, and a swinging door provided with a pair of side hinges pivotally connecting the door with the inner faces of the sides above the ledge support, said hinges limiting movement of the door and retaining it in either vertical closed position or in horizontal position with its lower edge engaging the longitudinal ledge support..

5. In a combined cabinet and seat construction, a rectangular casing having a flat bottom, sides, top and back enclosing the interior cavity, a longitudinal ledge support on the back spaced above the inner end of the bottom just sufficient to admit insertion of the lower edge of a closing door, a top door-arresting stop and a door holding socket, a shelf in the cabinet spaced above the ledge support, a front closing door fitting between the front edges of the sides, bottom and top against said stop and shelf and having a resilient holding pin engaging said socket, a pair of swinging hinges pivotally connecting the lower inner edges of the door with the inner faces of the sides above the ledge support permitting limited movement of the door and holding it against outward movement in either vertical closed or horizontal open position.

In testimony whereof I hereunto affix my signature.

HENRY A. BLOEDEL.