Feb. 5, 1952 E. B. MURRELL 2,584,219

BROOM AND MOP RACK

Filed June 14, 1946

Fig. 1.

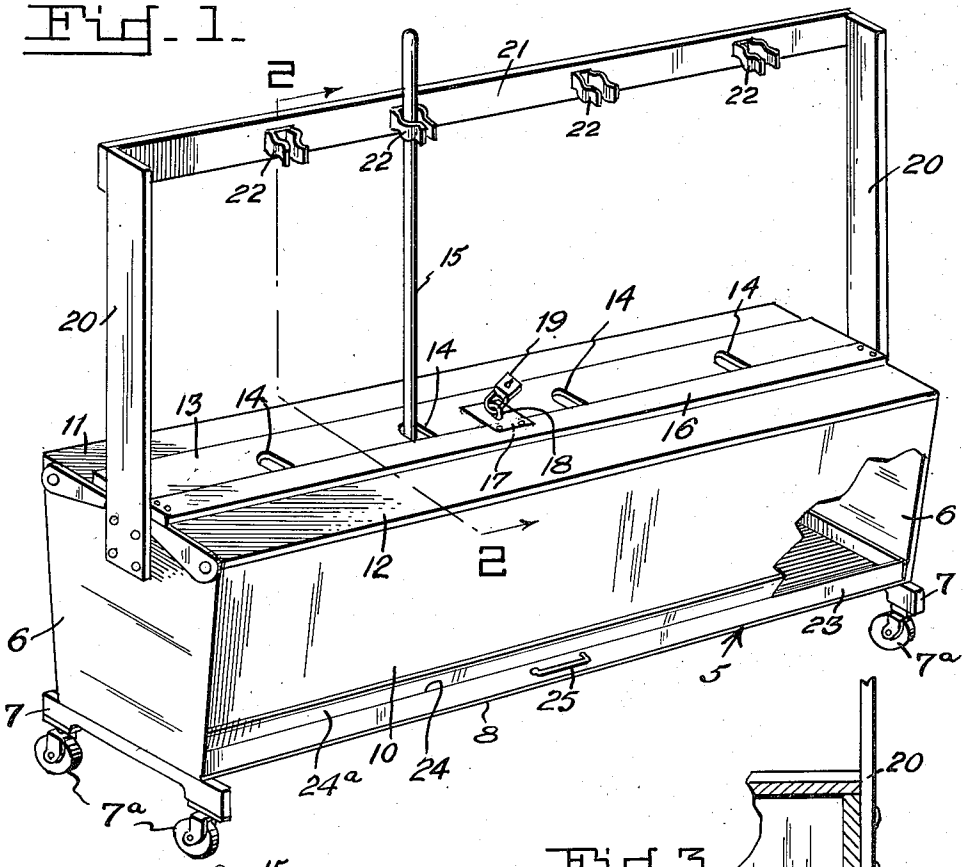


Fig. 2.

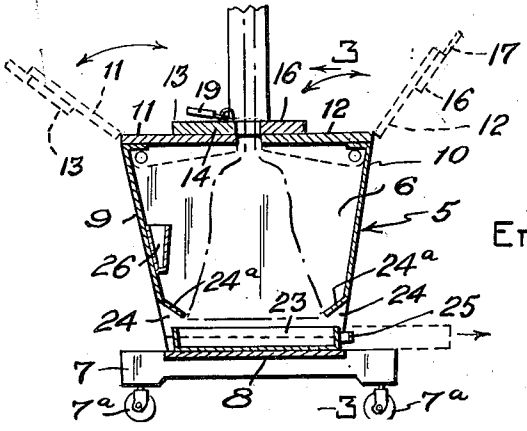
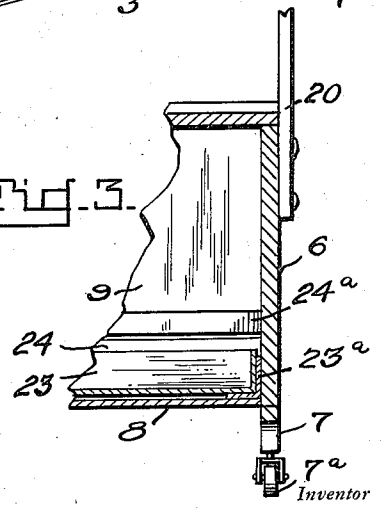


Fig. 3.



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BROOM AND MOP RACK

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1 Claim. (Cl. 312—207)

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The present invention appertains to racks or supports for brooms, mops and various other implements.

The principal object of the present invention is to provide a rack for long handled implements such as brooms and mops, constructed in such a manner as to permit the implement to be hung free of any contact with a floor or other surface, to the end that the implement, especially in the instance of brooms and mops, cannot become infested with roaches, water bugs and other vermin.

Another object of the invention is to provide a rack of the character stated wherein the head portions of the implements are concealed and from which drippings can fall to a readily accessible drain pan.

Still another object of the invention is to provide an implement rack of the character stated which embodies a deodorant container for deodorizing the implement head confining area.

Still another important object of the invention is to provide a sanitary broom and mop rack especially adapted for hospitals and kitchens, which in use will serve to conceal the broom and mop heads, yet permitting ready access to the handles thereof when removal for use is contemplated.

Still a further object of the invention is to provide a broom and mop rack wherein the implements are capable of being suspended in a compartment, where they will be concealed and wherein said compartment has a closure capable of being locked to prevent theft or unauthorized use of the implements.

These and various other important objects and advantages of the invention will become apparent to the reader of the following description.

In the drawing:

Figure 1 is a perspective view of the rack.

Figure 2 is a section taken substantially on line 2—2 of Figure 1.

Figure 3 is a fragmentary longitudinal sectional view taken substantially on line 3—3 of Figure 2.

Referring to the drawing, numeral 5 generally refers to a box-like structure of elongated form, having end walls 6, 6, the lower portions of which have depending and laterally disposed foot portions 7 supported by casters 7a.

The box-like structure 5 has a bottom 8, and further, the structure 5 is made up of a back wall 9 and a front wall 10, along with elongated top wall sections 11, 12, there being hinges at the ends of both sections 11, 12, connected for

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pivotal action with the end walls 6, so that the sections can be swung readily to the dotted line position shown in Figure 2, when removing brooms or mops from supported position on the rack, or cleaning the interior of the box-like structure.

As shown in Figure 2, the opposed edges of the top sections 11, 12, are spaced apart and secured to the top of the section 11 is a strip 13 having notches 14 therein, overlying the space between the sections 11, 12, these notches 14 being intended to receive the long handles 15 of brooms or mops.

The section 12 has a strip 16 disposed along its inner edge and this is adapted to abut the adjacent edge of the strip 13, when the sections are in closed position. Thus the strips 13, 16 embrace the handles 15 of implements so that they cannot be lifted from the box-like structure 5 without swinging at least one section to the dotted line position, shown in Figure 2, and this will be prevented, when not desired, through the medium of a plate 17 projecting from the strip 16 and adapted to recede into a cut-out in the strip 13 and over a hasp 18, through which the shackle of a padlock 19 can be disposed.

Rising from the end walls 6, 6 are posts 20, 20 which are bridged by a horizontal beam 21, to the front side of which a plurality of spring clips 22 are suitably secured, equal in number to the number of notches 14 in the strip 13.

Obviously the number of notches 14 and clips 22 can be increased to accommodate any desired number of implement handles.

In the use of the structure, it can be seen that the top section 12 is first swung to the dotted line position shown in Figure 2, after which the head of the broom or mop is placed in the box-like structure 5 and held a substantial distance above a drain pan 23, resting on the bottom 8 and slidable through slots 24 at the lower portions of the walls 9, 10. When the proper elevation of the head with respect to the pan 23 is determined, the handle 15 is forced into the corresponding spring clip 22, after being set in one of the notches 14, and thus the implement will be held in suspended position without the head thereof resting upon any structure, and to the end that drippings from the implement head will be caught in the drain pan 23. The pan 23 can be dumped at any time, simply by pulling outwardly on a handle 25 at the exposed edge of the pan. It is preferable that transverse angle members 23a be placed at

each end of the bottom **8** to serve as tracks for the ends of the drain tray **23**.

Disinfectants and deodorants may be placed in one or more receptacles **26**, preferably located on the inside of the back wall **9**, as is apparent in Figure 2.

With the provision of the padlock **19**, the implements can be securely held against unauthorized removal.

The rack is of such simple construction that it can be readily manufactured at low cost and due to its sanitary and safeguarding attributes, will more than compensate the owner for its purchase.

Louvers **24***a* are provided at the slots **24**, the slots being large enough to admit air to the interior of the box-like structure to dry the implement heads over a reasonable period of time.

While the foregoing description sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention what is claimed as new is:

A device of the character described comprising an elongated box-like structure having a bottom, side walls and end walls, one of said side walls having a slot formed in the lower end thereof, a

cover member hinged to the top of each of said side walls and adapted to abut each other at their free ends when in closed position, one of said cover members being formed with notches in its free edge, a rack affixed to the said walls in superposed spaced relation to said notches, a louver formed in each of said side walls, a drain pan removably mounted upon said bottom through said slot, and clamps carried by said rack in vertical alignment with said notches.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
270,564	Galland	Jan. 9, 1883
288,692	Cowley et al.	Nov. 20, 1883
908,558	Gildemeister	Jan. 5, 1909
1,712,022	Berg	May 7, 1929
1,742,150	Rollins	Dec. 31, 1929
2,127,594	Grossman	Aug. 23, 1938
2,145,892	Roberts	Feb. 7, 1939
2,310,533	Lindell	Feb. 9, 1943

FOREIGN PATENTS

Number	Country	Date
317,617	Great Britain	Aug. 22, 1929