

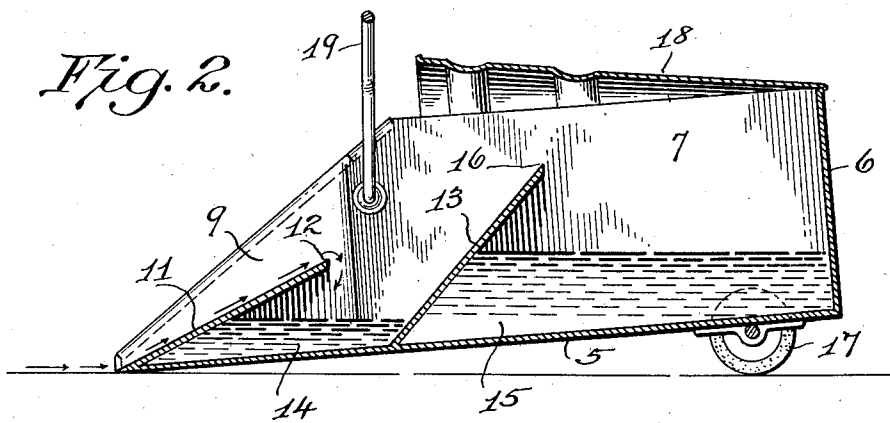
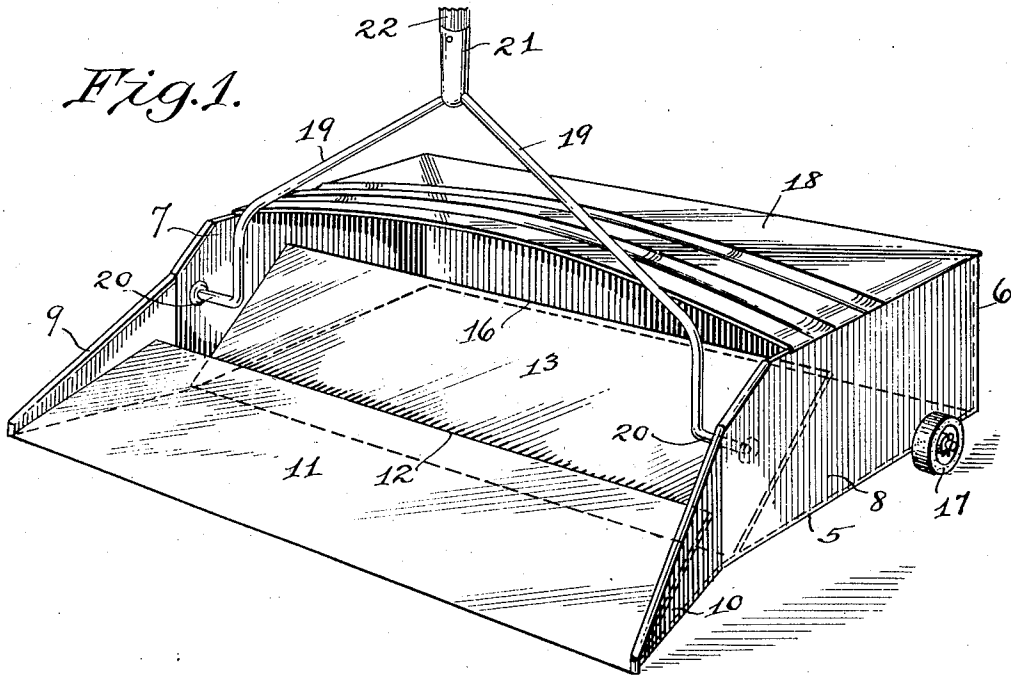
Feb. 25, 1930.

W. S. FINNELL

1,748,336

SCRUB WATER RECEPTACLE

Filed Feb. 21, 1927



Inventor

Walter S. Finnell
By Charles B. Mann Jr.
Attorney

UNITED STATES PATENT OFFICE

WALTER S. FINNELL, OF HANNIBAL, MISSOURI

SCRUB-WATER RECEPTACLE

Application filed February 21, 1927. Serial No. 169,778.

This invention relates to a scrub-water receptacle and has particular reference to an improved construction of receptacle for receiving and retaining the scrub-water collected from a floor after the scrubbing operation.

One object of the invention is to provide a novel form and construction of receptacle into which the scrub-water may be scraped by a squeegee or swept therein, and which will retain the water thus collected, and prevent spilling the same as the receptacle is advanced over the floor surface.

Another object of the invention is to provide an improved receptacle in which there are a plurality of compartments, one in advance of the other, and to separate the compartments by inclined partitions whereby the water in the forward compartment may readily be transferred to the rear compartment by inclining the receptacle.

A further object of the invention is to provide a novel construction of portable receptacle that may readily be rolled over a floor with its forward end in contact with the floor-surface and to provide the same with a pivoted handle so arranged with respect to a plurality of compartments on the interior of the receptacle that the raising of the handle will cause the collected water to flow from one compartment to the other.

With the above and other objects in view, the invention is illustrated in the accompanying drawing, wherein—

Fig. 1 shows the device in perspective, and

Fig. 2 illustrates the same in central vertical section.

Referring to the drawing the numeral 5 designates the bottom of the receptacle; 6 the rear wall thereof and 7 and 8 the opposite side walls respectively of the same. The side walls 7 and 8 each have outwardly-flaring forward ends 9 and 10 and the forward part of the bottom is correspondingly flared so that at the forward portion, the receptacle is broader than at the rear portion thereof.

At the forward part of the receptacle and extending crosswise thereof between the

flared ends of the side walls, there is provided a front partition-wall 11. This front wall 11 extends rearwardly and inclines upwardly with respect to the bottom 5 of the receptacle so that its rear horizontal edge 12, is elevated above said bottom, as clearly shown in Fig. 2 of the drawing.

At the rear of the front wall 11 and between the latter and the rear wall 6, the receptacle is provided with a partition wall 13 which extends from one side wall 7 to the other side wall 8 whereby to produce two compartments 14 and 15 one of which is in front of the other. This partition wall 13 also inclines upwardly and rearwardly and its top edge 16 is located in a horizontal plane above the top edge 12 of the front wall 11.

The location and arrangement of the partition wall 13 with respect to the front wall 11 and the rear wall 6, is such that the compartment 15 at the rear thereof is of a greater area and depth than the compartment 14 at the forward side thereof.

At the rear, the receptacle is mounted on wheels 17 which, in addition to facilitating the movement of the same over a floor, also causes the bottom 5 to assume an inclined position with the forward end thereof in close contact with the floor-surface.

A top-wall 18, is permanently attached to the upper edges of the rear and side walls 6—7 and 8 and said top is arched in a direction from one side wall to the other. This arrangement of top not only rigidly ties the rear and side walls together, but the arching thereof performs a useful function as and for a purpose that will presently be explained.

A handle device is provided for the receptacle and comprises a bail 19 with laterally-bent bearing-ends 20 which enter bearing openings in side walls 7 and 8 and said bail carries a socket 21 for the reception of a handle-bar or rod 22.

It will be noted that the bail is pivotally engaged with the side walls 7 and 8 at a point forward of the partition wall 13 so that by simply moving the handle-bar or rod 22 vertically the entire receptacle will be

rocked on the rear rollers or wheels 17 and the front end thereof thereby elevated.

In the operation of the device the forward end of the receptacle will seat closely upon the floor and the water or other substances may be brushed or pushed up over the inclined front wall 11 into the forward compartment 14.

When the forward compartment is sufficiently filled to make it desirable to remove the substance therefrom, the handle-bar or rod 22 may be moved up vertically thus causing the front end of the receptacle to rock on the rear wheels 17 and the bottom 5 will thereby assume a reversely-inclined position and the contents in the compartment 14 will quickly flow over the front side of partition 13 into the rear or storage compartment 15 leaving the front compartment empty.

This operation may be repeated until the rear storage compartment 15 is filled and it becomes necessary to empty the same.

To empty the rear compartment, the receptacle will be drawn upwardly, raising the front end and turning the receptacle completely over from end to end and the contents of the rear compartment will then flow along the concave side of the arched cover and be discharged at the forward edge thereof while the arching of said cover produces a channel for confining and directing the flow of the water or other substances from a point centrally located between the side walls in order that said contents may readily be poured into a larger receptacle and disposed of in any suitable manner.

Having described my invention, I claim:—

1. A scrub-water collection device comprising in combination a receptacle having on the interior thereof a plurality of crosswise partitions each of which inclines upwardly and rearwardly from the bottom thereof, said receptacle also having a top wall having sealed engagement with the rear wall and both side walls, said top wall being concave on its under side in a crosswise direction between the opposite side walls whereby when the entire device is turned over water may be poured from the interior of the receptacle and directed by the concave surface of the top wall.

2. In a scrub-water collection device the combination with a receptacle having a bottom, two side walls, a rear wall and a top which latter has sealed engagement with the side and rear walls, which top is concavo-convex from one side wall to the opposite side wall, of inclined walls extending crosswise of the receptacle from one side wall to the other, the rearmost inclined wall being higher than the foremost inclined wall but of less height than the under concave side of the top, and a handle-bail pivotally attached to the side walls between the foremost and rearmost inclined walls.

3. A scrub-water collection receptacle having a flat bottom with a rear wall and opposite side walls, rollers attached to the rear of the receptacle so the latter may be rolled with the forward end of the bottom in contact with the floor, an inclined partition wall extending crosswise between the forward ends of the two side walls said partition wall having its forward lower edge in sealing engagement with the front end of the flat bottom and extending rearwardly and upwardly from said front end of the flat bottom and forming a crosswise receiving-chamber between the forward ends of the side walls which receiving chamber is V-shaped in vertical section, a top wall attached to the side and rear walls to maintain a sealed joint therewith and form a liquid-tight compartment of the entire rear portion of the receptacle when the latter is turned up with the normal rear wall lowermost, and a handle pivotally attached to the receptacle so that when it is raised vertically the receptacle will swing and the top wall will become a vertical wall of the receptacle to confine the scrub-water therein and over which normal top wall the confined water may flow when emptying the receptacle.

In testimony whereof I affix my signature.
WALTER S. FINNELL.