

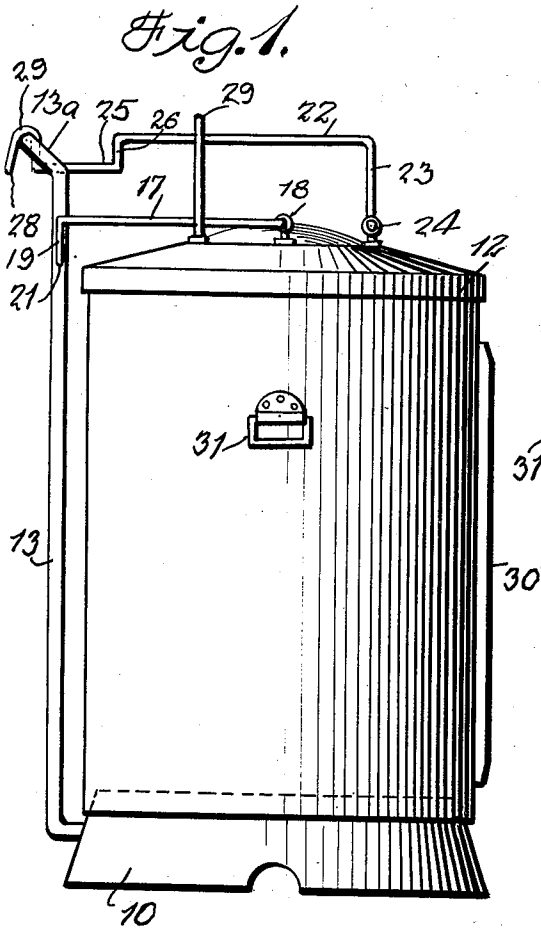
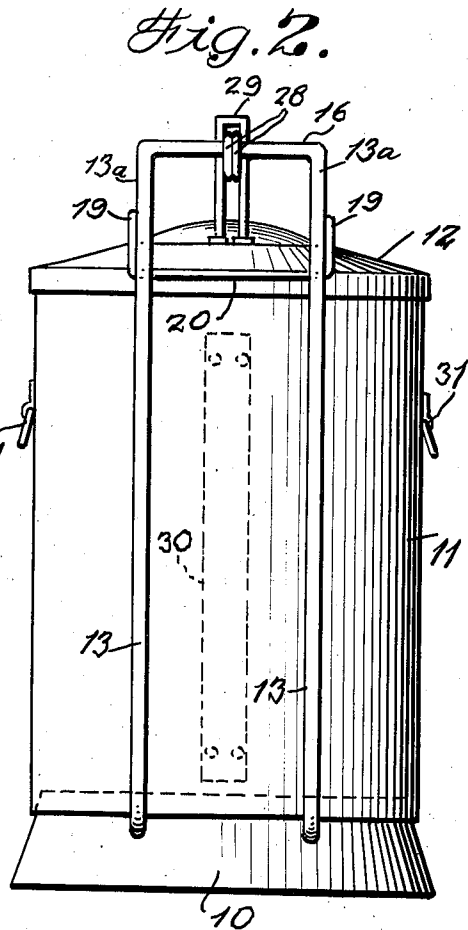
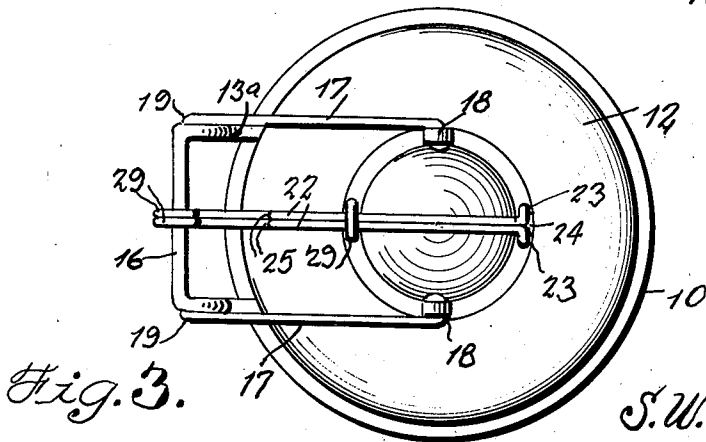
June 18, 1940.

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2,205,319

RECEPTACLE RACK OR STAND

Original Filed Sept. 20, 1938 2 Sheets-Sheet 1



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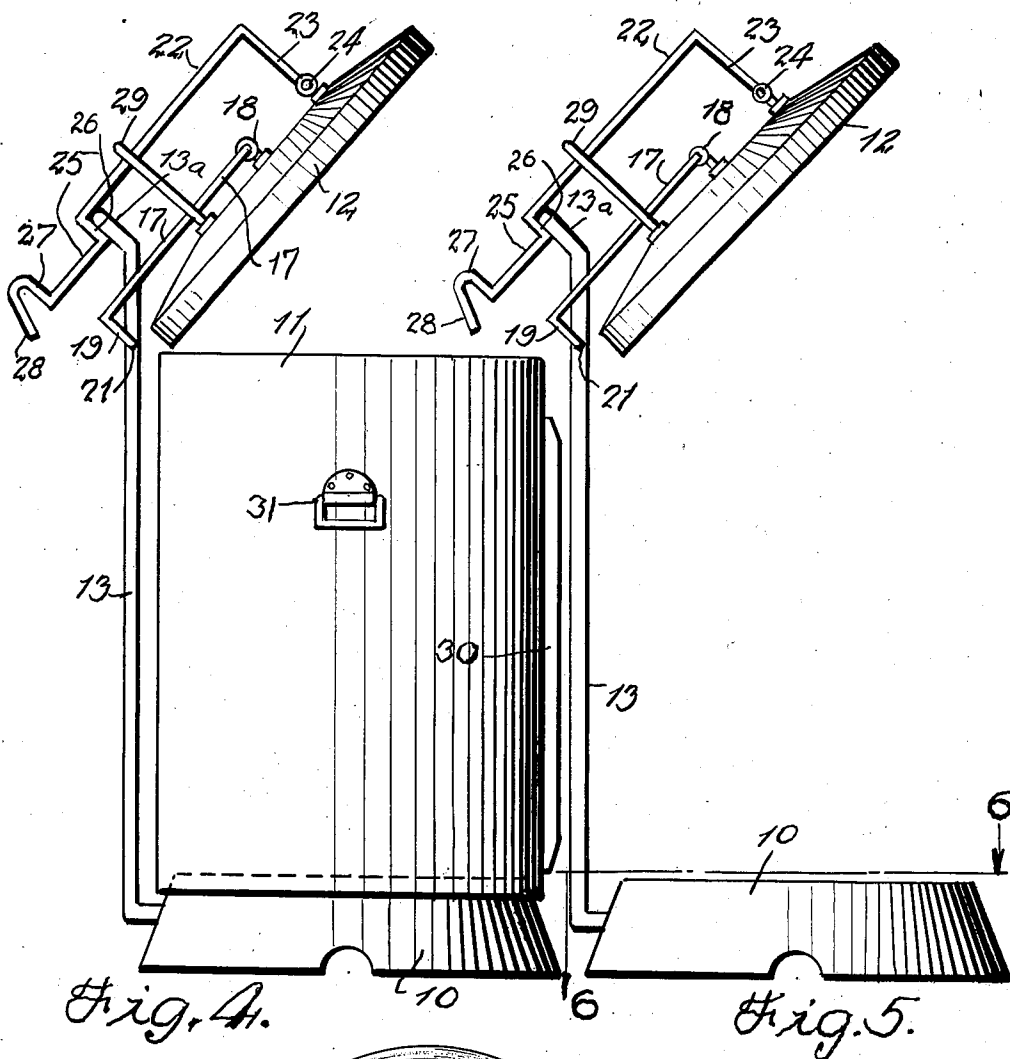
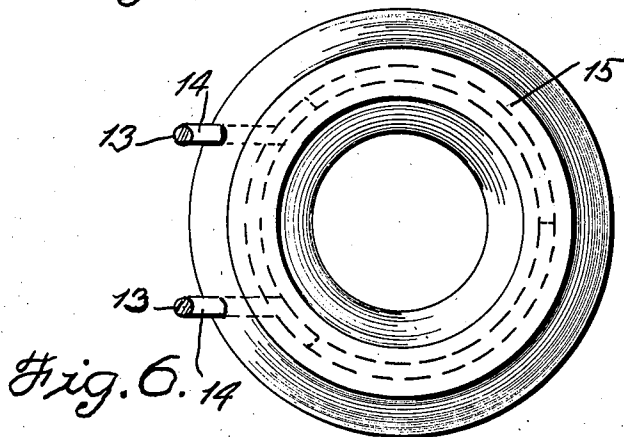
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RECEPTACLE RACK OR STAND

Original Filed Sept. 20, 1938 2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

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RECEPTACLE RACK OR STAND

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3 Claims. (Cl. 248—147)

This invention relates to certain new and useful improvements in receptacle racks or stands.

The primary object of the invention is to provide a rack or stand for receptacles, especially garbage cans with closure operated means for holding the garbage can cover in closed position on the can with the body of the can held thereby in position on the rack or stand.

A further object of the invention is to provide a receptacle rack or stand of the foregoing character wherein the closure for the can or receptacle is supported by devices on the rack or stand with manually operated means carried by the can cover and engageable with the rack or stand for holding the cover in either open or closed position relative to the can body.

With the above and other objects in view that will become apparent as the nature of the invention is better understood, the same consists in the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawings and claimed.

In the drawings—

Figure 1 is a side elevational view of a receptacle rack or stand with a garbage can in position thereon, the closure operating means for the can being associated with the can cover and rack;

Figure 2 is another side elevational view;

Figure 3 is a top plan view, showing the closure operating means engaged with the can cover;

Figure 4 is a side elevational view, similar to Figure 1, with the can cover shifted to an upward position by the operating means therefor;

Figure 5 is a side elevational view, similar to Figure 4, with the can cover shifted to its open position and so held with the garbage can removed from the stand or rack; and

Figure 6 is a horizontal sectional view taken on line 6—6 of Figure 5, showing a part of the frame structure of the rack embedded in the base support for the garbage can.

The garbage can rack comprises a weighted base 10 preferably of disk-formation with a tapering side wall and may be of metallic or concrete construction for the support of a garbage can 11 having a removable cover 12 with the garbage can supported on the base 10 against accidental displacement or removal, the base 10 being of such weight to prevent accidental tilting movements thereof with the can 11 supported thereon.

The rack further includes devices supported by the base 10 and rising therefrom for the support of the garbage can cover 12 for holding the cover in closed or open positions relative to the upper

end of the can 11. The devices include a rod frame of rectangular formation and perpendicularly disposed with a pair of vertical legs 13 spaced from each other as shown in Figure 2 and disposed laterally of the base 10 with the lower ends of the legs 13 bent at right angles as at 14 to enter and be embedded in circular formation in the base 10 as at 15, shown more clearly in Figure 6. The upper ends of the legs 13 extend above the can body 11 and are inclined outwardly for a relatively short distance as shown at 13a with the upper ends of the inclined portions 13a connected by a cross-arm 16 shown more clearly in Figs. 2 and 3.

The can cover 12 is connected to the legs 13 adjacent their upper ends by a pair of spaced parallel rods overlying the can cover 12 with their inner ends pivotally mounted as at 18 to the top wall of the can cover, while the outer ends of said arms 17 that are respectively disposed at the outer sides of the legs 13 have downwardly bent ends 19 connected by a cross rod 20 that pivotally extends through openings as at 21 in the perpendicular legs 13 of the rack.

The operating means for the can cover 12 comprises a handle rod 22 of double rod formation as shown in Figure 3, disposed above the can cover 12 and in a plane above the rods 17, being centrally disposed relative to the can top, the inner end of the handle rod 22 extends downwardly as at 23 for pivotal attachment as at 24 to the can cover 12 at a point on the can cover intermediate the rod pivots 18 and laterally of the transverse axis of the can cover. The handle rod 22 adjacent its outer end is provided with a depressed portion 25 defining a pair of spaced abutment shoulders 26 and 27 with a hand grip 28 outwardly of the abutment 27. An upstanding U-shaped strap 29 rises from the can cover 12 with the upper closed end of the strap extending over the handle rod 22 with the strap 29 attached to the cover 12 at a point opposite the pivotal connection 24 of the handle rod 22 with the cover.

The garbage can body 11 carries a perpendicular bumper bar and diametrically opposite side handles 31 and when in position on the base 10, as shown in Figures 1 and 2, the cover 12 is locked thereon by engagement of the abutment shoulder 27 of the handle rod 22 with the cross arm 16 at the upper ends of the side legs 13 of the rack. When it is desired to remove the cover 12 from the can body 11, as shown in Figure 4, the hand grip 28 is manually operated for elevating the handle rod 22 on its pivotal support 24 of the can cover and such upward movement of the handle

rod 22 engages the upper closed end of the U-shaped strap 29 to unseat the can cover 12, a pull exerted on the handle rod 22 causing the rod connection 17 between the can cover and upright legs 13 of the rack to both elevate the cover 12 and position the same at an upwardly inclined angle relative to the can body as shown in Figure 4, a lowering movement of the outer end of the handle rod 22 when the cover is so positioned disposing the abutment shoulder 26 on the handle rod for engagement with the cross arms 16 at the upper ends of the legs 13 to hold the can cover in its open position for the free removal of the can body 11 from the base 10 as shown in Figure 5 with the can cover 12 retained in its open position.

From the above detailed description of the invention, it is believed that the construction and operation thereof will at once be apparent and while there is herein shown and described the preferred embodiment of the invention, it is nevertheless to be understood that minor changes may be made therein without departing from the spirit and scope of the invention as claimed.

I claim:

1. In a receptacle rack, a base, a frame disposed laterally of the base and rising therefrom, said base adapted to have a receptacle supported thereon with the upper end of the receptacle below the upper end of the frame, a cover for the receptacle, means for attaching the cover to the frame adjacent the upper end of the frame including a pair of rods pivotally supported at corresponding ends on the cover and frame and means independent of said cover attaching means pivotally attached to the cover at one end for opening and closing the cover, said last named means having spaced stops for selective engage-

ment with the upper end of the frame above the cover attaching means for holding the cover in opened or closed positions.

2. In a receptacle rack, a base, a frame disposed laterally of the base and rising therefrom, said base adapted to have a receptacle supported thereon with the upper end of the receptacle below the upper end of the frame, a cover for the receptacle movably supported on the frame for opening and closing movements relative to the receptacle, the connection between the cover and frame including a pair of rods pivotally supported at each end on the cover and frame, and an operating handle for the cover pivoted at one end to the cover and said handle having a pair of spaced abutment shoulders selectively engaged with said frame for holding the cover in open or closed position relative to the receptacle.

3. In a receptacle rack, a base, a frame disposed laterally of the base and rising therefrom, said base adapted to have a receptacle supported thereon with the upper end of the receptacle below the upper end of the frame, a cover for the receptacle movably supported on the frame for opening and closing movements relative to the receptacle, the connection between the cover and frame including a pair of rods pivotally supported at each end on the cover and frame, an operating handle for the cover pivoted at one end to the cover and said handle having a pair of spaced abutment shoulders selectively engaged with said frame for holding the cover in open or closed position relative to the receptacle, the frame comprising a pair of spaced parallel perpendicular rods with a cross arm at their upper ends and said abutment shoulders coacting with said cross arm.

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