Sept. 18, 1951 C. F. VAN OUTRIVE 2,568,041

GARBAGE RECEPTACLE

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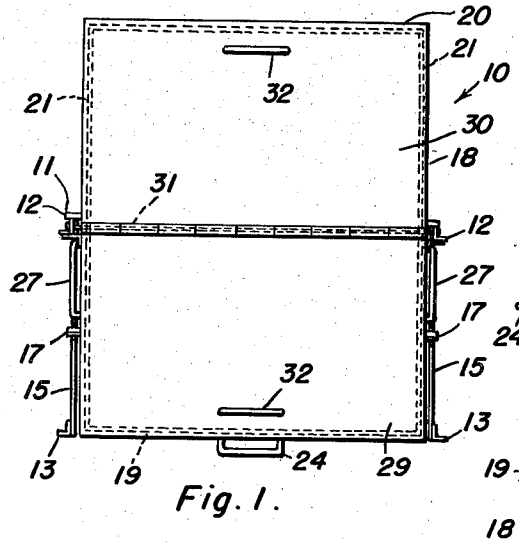


Fig. 1.

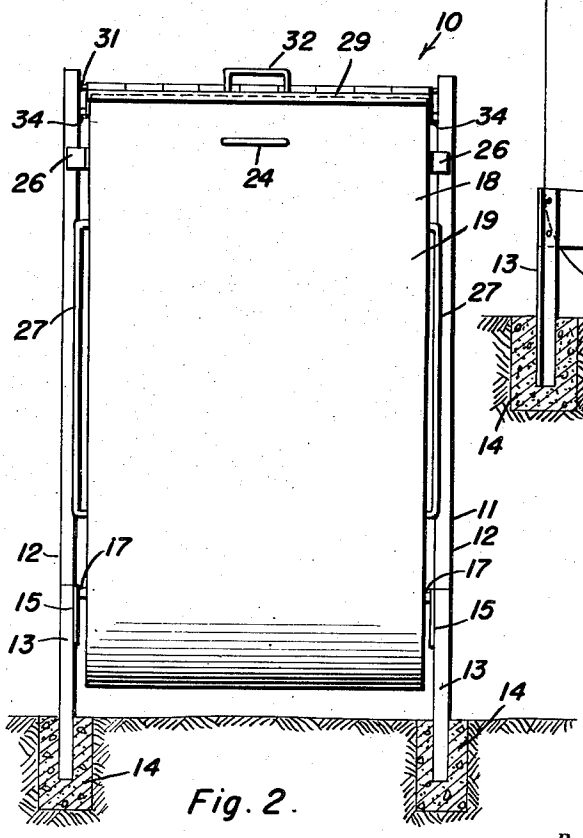


Fig. 2.

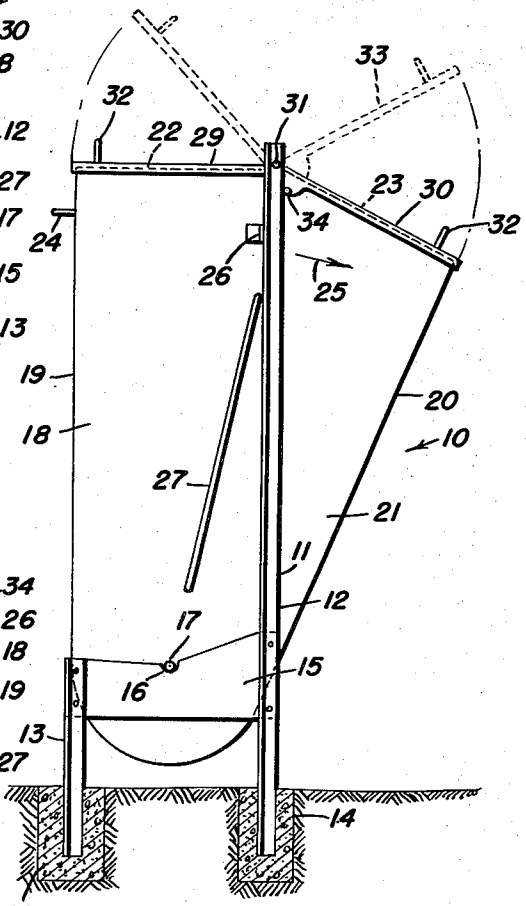


Fig. 3.

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GARBAGE RECEPTACLE

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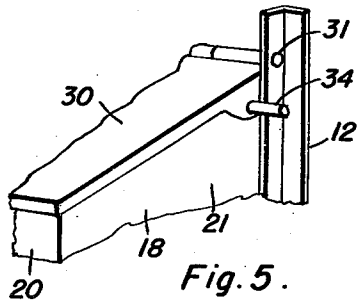


Fig. 5.

Fig. 4.

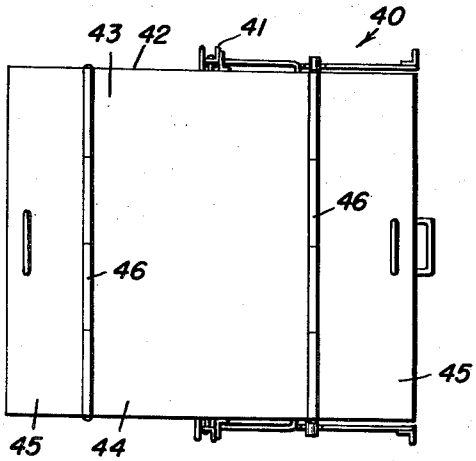


Fig. 6.

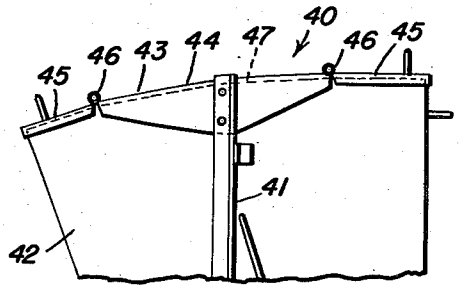


Fig. 7.

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UNITED STATES PATENT OFFICE

2,568,041

GARBAGE RECEPTACLE

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Application December 1, 1947, Serial No. 788,977

1 Claim. (Cl. 220—18)

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This invention relates to new and useful improvements and structural refinements in garbage receptacles, specifically, garbage receptacles of the outdoor type, and the principal object of the invention is to provide a device of the character herein described, which is of a highly sanitary nature and wherein the garbage may be quickly and easily deposited as well as removed by the garbage collector.

The further object of the invention is to provide a garbage receptacle which is simple in construction, not unpleasant in appearance, and which will not easily become damaged.

An additional object of the invention is to provide a garbage receptacle which will readily lend itself to economical manufacture and which is otherwise well adapted for the purpose which it is intended.

With the above more important objects in view and such other objects as may become apparent as this specification proceeds, the invention consists essentially of the construction and arrangement of parts as shown in the accompanying drawings in which:

Figure 1 is a top plan view of the invention.

Figure 2 is a front elevational view thereof.

Figure 3 is a side elevational view of the same, illustrating the receptacle in a substantially upright position.

Figure 4 is a further side elevational view, substantially the same as that shown in Figure 3 but, illustrating the receptacle in a tilted position.

Figure 5 is a fragmentary perspective detail of a cover and hinge used in the invention.

Figure 6 is a top plan view of a modified embodiment of the invention, and

Figure 7 is a fragmentary side elevational detail of the receptacle shown in Figure 6.

Like characters of reference are employed to designate like parts in the specification and throughout the several views.

Referring now to the accompanying drawings in detail, particularly to Figures 1–5, inclusively, the invention consists of a garbage receptacle designated generally by the reference character 10, the same embodying in its construction what may be referred to as an upwardly extending frame 11 including a pair of spaced parallel angles 12 and a pair of further, relatively short angles 13.

The lower end portions of the angles 12, 13 may, if desired, be embedded in concrete footings 14 in the ground, and a pair of spaced parallel plates 15 are rigidly secured to and connect together the angles 12, 13, as will be clearly apparent.

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The plates 15 are disposed in a vertical plane and the upper edge portions thereof are formed with substantially semi-circular notches 16, so that the plates constitute what may be referred to as cradles for a pair of trunnions 15 supporting a tiltable container 18.

The configuration of this container is clearly apparent from the accompanying drawings, the same including downwardly convergent front and rear walls 19, 20 respectively, as well as a pair of side walls 21, the latter terminating at their ends "peaked" edges 22, 23.

The container 18 is swingable or tiltable from a substantially upright position shown in Figure 3 to an offset or tilted position shown in Figure 4, and vice versa, the tilting of the container being facilitated by a suitable handle 24 on the wall 19. Moreover, tilting of the container beyond its upright position (in the direction of the outer 25) is prevented by a means of a pair L-shaped brackets 26 which are rigidly secured to the side walls 21 and are engageable with the angles 12 of the frame 11, as will be clearly apparent.

It should be understood that the container 18 is removable from the frame 11, this being accomplished by simply swinging the container to its tilted position as shown in Figure 4 and lifting the same upwardly by means of a pair of handles 27 provided on the side walls 21, so that the trunnions 17 are disengaged from the cradles 15.

A closure unit is provided for the container 18, but rather than being attached directly to the container, the closure unit is mounted upon the upper ends of the frame angles 12. The closure unit is designated by the reference character 28 and embodies in its construction a pair of swingable covers 29, 30, these covers being hingedly attached to a suitable rod 31 supported by the frame angles 12. The two covers are provided with convenient handles 32 for obvious reasons, and when the container 18 is in its upright position as shown in Figure 3, the cover 29 rests upon the edges 22 of the container while the cover 30 similarly rests upon the edges 23, whereby proper coverage of the container is effected.

When it is desired to deposit garbage into the receptacle, the cover 30 may simply be lifted as shown by the phantom lines 33, but when the contents of the container 18 are to be removed by a garbage collector, this is facilitated by simply swinging the entire container to the position shown in Figure 4 and subsequently lifting

the container from the cradle 15, as has been already explained.

In order to prevent the covers 29, 30 from dropping downwardly to a vertical position after the container is removed from the cradle, the cover 30 may be provided with a pair of laterally projecting stop pins 34 which are engageable with the frame angles 12 and thereby support the cover 30 in substantially the position shown in Figure 3, notwithstanding the presence or absence of the container 18 in the cradle. While the cover 30 is being self supported, the cover 29 may be swung onto the cover 30 as shown in Figure 4, whereby both covers will be prevented from dropping downwardly to a vertical position, as will be readily understood.

Referring now to the accompanying Figures 6 and 7, the same illustrate a modified embodiment of the receptacle, the modified receptacle being designated generally by the reference character 40 and including in its construction a frame 41 which, in virtually all respects, is similar to the aforementioned frame 11.

The frame 41 supports a tiltable and removable container 42, and a closure unit 43 is mounted on the frame, as will be presently explained.

The closure unit 43, in this instance, includes a stationary center plate 44 which is rigidly secured to the frame 41, and a pair of covers 45 are hinged to the center plate 44 as indicated at 46.

Needless to say, rather than being provided with peaked edges (such as the edges 22, 23 in the embodiment 10) the container 42 is equipped with arcuate upper edges 47, so that the tilting or swinging of the container is facilitated without interference with the cover or closure unit 43.

It is believed that the advantages and use of the invention will be clearly apparent from the foregoing disclosure and accordingly, further description thereof at this point is deemed unnecessary.

While in the foregoing there has been shown and described the preferred embodiment of this

invention it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

Having described the invention, what is claimed as new is:

In a garbage receptacle, the combination of a pair of spaced upwardly extending supports, a cross member connecting the upper ends of said supports together, a container tiltably and removably mounted between said supports and having an open upper end, means for supporting said container in a substantially vertical position wherein said cross member extends substantially centrally over its open upper end and separates the same into a pair of individually accessible openings, a pair of individually openable covers hinged to said cross member and adapted to extend to opposite sides of said supports so as to rest on the upper edge of said container and close the respective openings, and stop means for supporting one of said covers in the absence of said container under the same, the second cover being swingable to a position wherein it rests on the cover supported by said stop means.

CHARLES F. VAN OUTRIVE.

REFERENCES CITED

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

UNITED STATES PATENTS

Number	Name	Date
658,817	Wheeler	Oct. 2, 1900
875,270	Irish	Dec. 31, 1907
947,237	Moorman	May 10, 1910
1,133,438	Hoofnagle	Mar. 30, 1915
1,799,764	Schellberg	Apr. 7, 1931
1,816,411	Tillinger	July 28, 1931

FOREIGN PATENTS

Number	Country	Date
483,112	Germany	Sept. 26, 1929