S. MOORMAN.

GARBAGE RECEPTACLE.

APPLICATION FILED JAN. 31, 1910.

957,237.

Patented May 10, 1910.

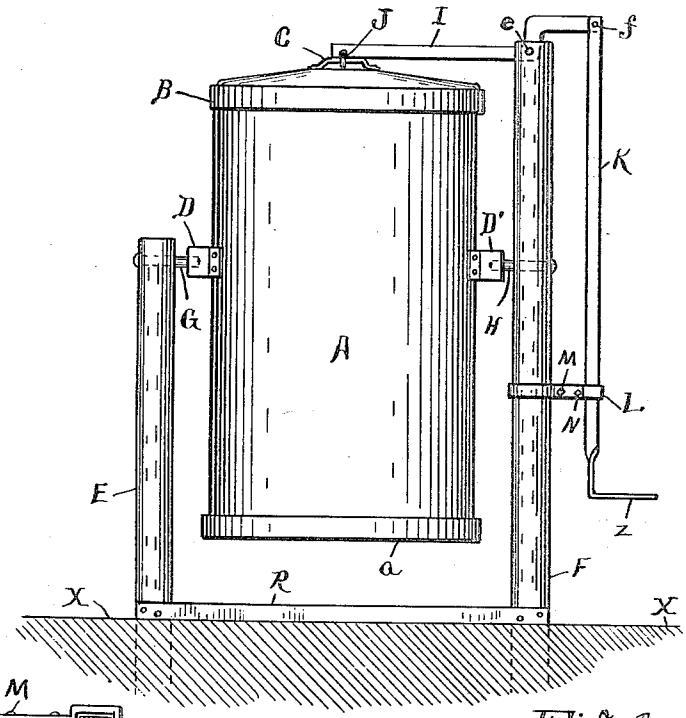


Fig. 1.

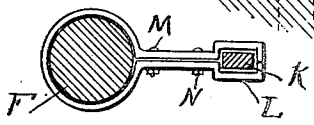
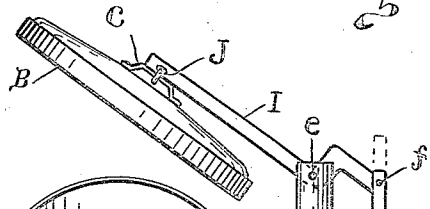


Fig. 3.



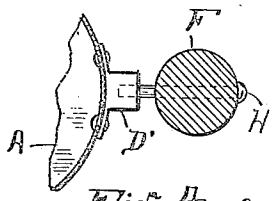


Fig. 4.

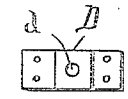


Fig. 5.

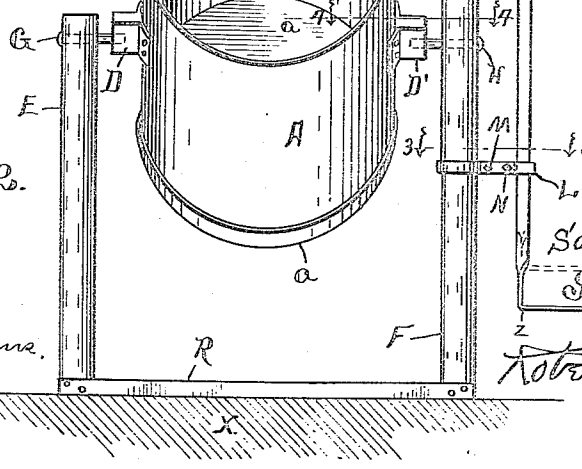


Fig. 2.

Witnesses:
Adelaide Kearns.
R. E. Mandl.

Sarah Moorman,
Inventor;
By
Robert W. Mandl,
Attorney.

UNITED STATES PATENT OFFICE.

SARAH MOORMAN, OF RICHMOND, INDIANA.

GARBAGE-RECEPTACLE.

957,237. Specification of Letters Patent. Patented May 10, 1910.

Application filed January 31, 1910. Serial No. 541,024.

To all whom it may concern:

Be it known that I, SARAH MOORMAN, a citizen of the United States, residing in the city of Richmond, in the county of Wayne and State of Indiana, have invented certain new and useful Improvements in Garbage-Receptacles, of which the following is a full, clear, and comprehensive specification and exposition, being such as will enable others to make and use the same with absolute exactitude.

It is a well known fact that the placing of garbage, especially humid matter such as slops, in open receptacles or upon the ground, is one of the prime causes for the distribution of diseases, besides its offensiveness as to esthetics, such as sight and smell; also that the ordinary garbage-can is difficult to handle when being emptied, and the lid, if there be one, is often lost, misplaced, or taken away, and that even the entire can is frequently carried off.

Therefore to overcome or at least minimize all of these objections is the principal object of this present invention.

Another object, broadly speaking, is to provide a garbage-receptacle which will be strong and durable in construction, easily operated and controlled, both as to being filled or emptied, which will occupy a minimum amount of space, which may not be easily carried away, in which the lid is secured thereto yet allowing for its manipulation, and which can be manufactured, sold, and secured in operative position at a comparatively low price.

Other objects and particular advantages of the invention will be brought out in the course of the following specification, and that which is new will be correlated in the appended claim.

The preferred manner for carrying out the construction of my invention is shown most clearly in the accompanying drawings, in which—

Figure 1 is a side elevation of the invention closed. Fig. 2 is the same as Fig. 1, except that the lid is removed from the can, and the can is slightly tilted, as it would be in removing the contents therefrom. Fig. 3 is a detail cross section, as taken on the line 3—3 of Fig. 2. Fig. 4 is a detail cross section, as taken on the line 4—4 of Fig. 2. And Fig. 5 is a detail inside face view of one of the trunnions.

Similar indices denote like parts throughout the several views.

In order that the construction and the manipulation of my invention may be more fully comprehended I will now take up a detail exposition thereof, in which I will set forth the invention as briefly and as comprehensively as I may.

Referring now to the drawings in detail: letter A denotes a cylindrical can or receptacle having a bottom *a*, and a removable top or lid B. Secured in the center of the top of the outside of the lid B is an elongated bail C.

Indices D and D′ denote the two trunnions, which are identical with each other, the same being secured to and on oppositely disposed sides of the can by means of rivets or the like,—said trunnions being provided with ears through which said rivets are secured, as indicated in Fig. 4. Said trunnions are located slightly above the center, vertically, of the can, as shown. Pivot apertures are formed in the faces of the trunnions, the same being indicated by *d* in Fig. 5.

The letters E and F denote two posts which should be firmly set in the ground X or otherwise as desired. Post F should extend up considerably higher than the post E, for the reason that will hereinafter be apparent.

Secured horizontally in the upper portion of the post E is the pivot bolt G, the point thereof projecting inwardly and adapted to fit in the aperture of the trunnion D. In like manner extending through the post F, on a level with the pivot-bolt G, is the pivot-bolt H, which fits in an aperture in the trunnion D′, which aperture is like the aperture *d*.

It is evident that the posts E and F should be of such distance apart as to stand perpendicular and allowing the pivots to snugly fit in their respective sockets of the trunnions. It is also evident from the above that the can is adapted to be turned or tilted, or to swing, on its pivots, but normally retaining an upright position as in Fig. 1.

Mounted in the upper end of the post F, which post should extend a slight distance higher than the top of the can, is the lever-arm I, the longer portion of which extends over the center of the bail C, to which it is loosely connected by the link J. Said arm

is mounted on the pivot *e* carried by the upper end of the post as shown. The shorter or outer end of the arm I is pivotally connected to the upper end of the bar K by means of the pivot *f* as indicated. The bar K extends down to near the ground X, being located a slight distance from and parallel with the post F. The lower portion of the bar K is bent outward at right angles in order to form the tread *z*.

A guide for the lower portion of the bar K is provided as shown, said guide being denoted by the letter L. Said guide being clamped around the post F and secured by the bolt M, while the outer portion of the guide is loosely secured around the bar K by means of the bolt N, or rivets may be employed in place of said bolts.

In order to guard against the spreading of the posts E and F I provide a brace R which connects said posts at the ground line, and they also add to the rigidity of the entire device.

It should be noticed that when the lid is in position that it extends down around the upper edge of the can, preventing the escape of odors from the can, and also holding the can in an upright position, that is to say, preventing the can from swinging when the lid is thereon.

From the above description the operation of my invention will have been anticipated; however, briefly stated, it is as follows: The device being arranged as in Fig. 1 it is evident that if one desires to deposit garbage in the can he has only to place his foot on the tread *z* which will lift the lid from off the can, after which the can may be slightly tilted if desired, as in Fig. 2. Also that when one desires to empty the can of its contents he has only to lift the lid, as just stated, and then turn the can until the contents will gravitate therefrom into another vessel to be carried away.

I desire to call particular attention to the fact that no part of the device is free to be easily lost or stolen; that the can is kept from off the ground, thereby preventing it from rusting; and, finally, preserving the ground underneath the can from becoming foul, and allowing grass to grow thereunder if desired. I desire that it be also understood that in place of the posts, the device may be suspended in an opening in a fence, whereby the can may be operated from either side thereof. And it should be understood that various changes may be made in the several details of construction from that herein shown and described without departing from the spirit of my invention or sacrificing any of the advantages thereof.

Having now fully shown and described my invention, what I claim and desire to secure by Letters Patent of the United States, is—

A garbage receptacle or the like including a pair of posts permanently secured in the ground and extending upward thereabove, a brace connecting the posts near the ground, a can pivotally mounted to swing between said posts and supported thereby, said can having an unlimited rotary movement but adapted to normally assume an upright position, a cover for said can, a bail for said cover, said cover having means whereby it may be raised and lowered by one's foot, said means including an arm I, the longer portion of which extends over the center of said bail, a link J connecting the bail and said arm, a pivot by which said arm is carried by the upper end of one of said posts, a bar connected to said arm and extending down to near the ground and parallel with said post, a guide for said bar, and a tread *z* formed on the lower portion of said bar, and the cover when in position on the can being adapted to prevent the can from rotating or swinging, all substantially as shown and described.

In testimony whereof I have hereunto subscribed my name in the presence of two subscribing witnesses.

SARAH MOORMAN.

Witnesses:

R. E. RANDLE,

ROBERT W. RANDLE.