W. H. WIGGINS.

GARBAGE CAN.

APPLICATION FILED OCT. 22, 1917.

1,318,636. Patented Oct. 14, 1919.

Fig. 1.

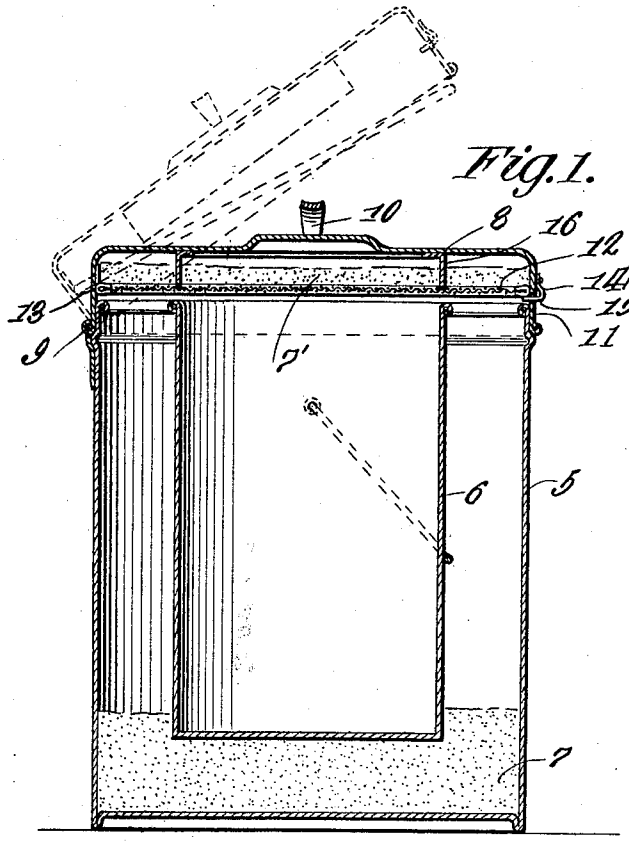
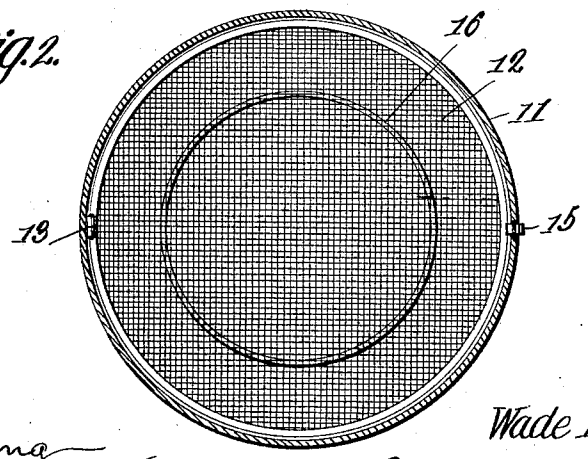


Fig. 2.



WITNESSES

Guy M. Spring

Sterling P. Buck

INVENTOR

Wade H. Wiggins

BY Richard B. Owen.

ATTORNEY

THE COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WADE H. WIGGINS, OF CLEVELAND, OHIO, ASSIGNOR OF FORTY-NINE ONE-HUNDREDTHS TO WILLIAM T. WARD, OF CLEVELAND, OHIO.

GARBAGE-CAN.

1,318,636. Specification of Letters Patent. Patented Oct. 14, 1919.

Application filed October 22, 1917. Serial No. 197,972.

To all whom it may concern:

Be it known that I, WADE H. WIGGINS, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Garbage-Cans, of which the following is a specification.

This invention relates to garbage cans, and it relates more particularly to certain improvements for rendering garbage cans more sanitary than is the case with garbage cans of ordinary construction.

Another object of the invention is to provide an improved form of disinfectant container and dispenser in the top of the garbage can, so that the disinfectant which is contained thereby will be dispensed little by little as the top of the garbage can is opened or closed.

Another object is to provide a device of this character which is so simple of construction that the cost of manufacture is reduced to the minimum.

Other objects and advantages may become apparent to persons who read the following details of description in connection with the accompanying drawings in which:

Figure 1 is a vertical sectional view through a garbage can constructed in accordance with my invention and

Fig. 2 is a horizontal sectional view thereof.

Referring to these drawings in detail, in which similar reference characters correspond with similar parts throughout the several views,—

The garbage can consists of an outer receptacle 5 and an inner receptacle 6, the latter being intended to receive the garbage while the receptacle 5 is intended to receive lime or other disinfectant, as indicated at 7 and to receive the inner receptacle 6. The inner receptacle may be supported above the bottom of the outer receptacle by any appropriate means, but in the present instance, the lime 7 may constitute the only means for supporting the inner receptacle above the bottom of the outer receptacle.

The cover or lid 8 may be hingedly connected to the outer receptacle at 9, and may be provided with a handle 10, whereby it may be raised and lowered, and it may also be provided with a depending flange 11 which fits over and around the upper end of the outer receptacle 5. However, the foregoing are mere details of ordinary construction; but the invention consists of the construction and arrangement of a reticulated disk or diaphragm 12 which is hingedly connected at 13 to the inner vertical side of the lid 8. The lid is provided with a spring catch 14 which is secured in place by any appropriate means, and the inner end of this catch extends through an opening 15 into such position as to engage with the under side of the diaphragm 12 and cooperate with the hinge 13 when supporting said diaphragm.

The lid may be provided with an internal annular flange 16 which is substantially of the same diameter as the receptacle 6 and is centrally alined therewith, for a purpose hereinafter disclosed.

In operating this device, the lid 8 is first turned through an angle of substantially 180°, so that the lid is inverted; the diaphragm 12 is then swung on its hinge 13, so that the lime or other disinfectant 7′ may be placed therein. If desirable, the lime may be placed only within the space inclosed by the flange 16, and in this event, the lime is normally confined above the inner receptacle, and when the lid is opened and closed, the lime is sprinkled a little at a time onto the top of the garbage in said inner receptacle. However, it sometimes occurs that garbage is spilled in the annular space between the receptacles 5 and 6, and to prepare for this contingency, it is at times desirable to fill the annular space between the flange 16 and the outer wall of the lid 8. Moreover, by dividing the lid into separate compartments by means of the flange 16, the lime is not shifted so as to be confined exclusively in one side of the lid, but the lime 7′ is kept distributed in the front and rear sides and in the middle portion of the lid.

Although I have described this embodiment of my invention in minute detail, it is to be understood that my invention is not limited to the exact details of construction and arrangement of parts, and that my invention is susceptible to slight changes such as do not constitute a departure from the inventive idea pointed out in the accompanying claim.

What I claim as my invention is:

A garbage can, comprising an outer receptacle having an outer bead near its upper edge to form a stop, an inner receptacle

concentric with the outer receptacle and having its upper edge in the plane of the upper edge of the outer receptacle, a cover having an outer depending flange to encircle the upper portion of the outer receptacle and supported by the bead thereof, an inner flange depending from the cover in line with the inner receptacle and terminating in the plane of the top edges of both receptacles, and a perforated diaphragm held against the lower edge of the inner depending flange and extending across the space inclosed by the outer depending flange of the cover.

In testimony whereof I affix my signature in presence of two witnesses.

WADE H. WIGGINS.

Witnesses:
W. P. BELL,
RODDY K. MOON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."