

July 10, 1923.

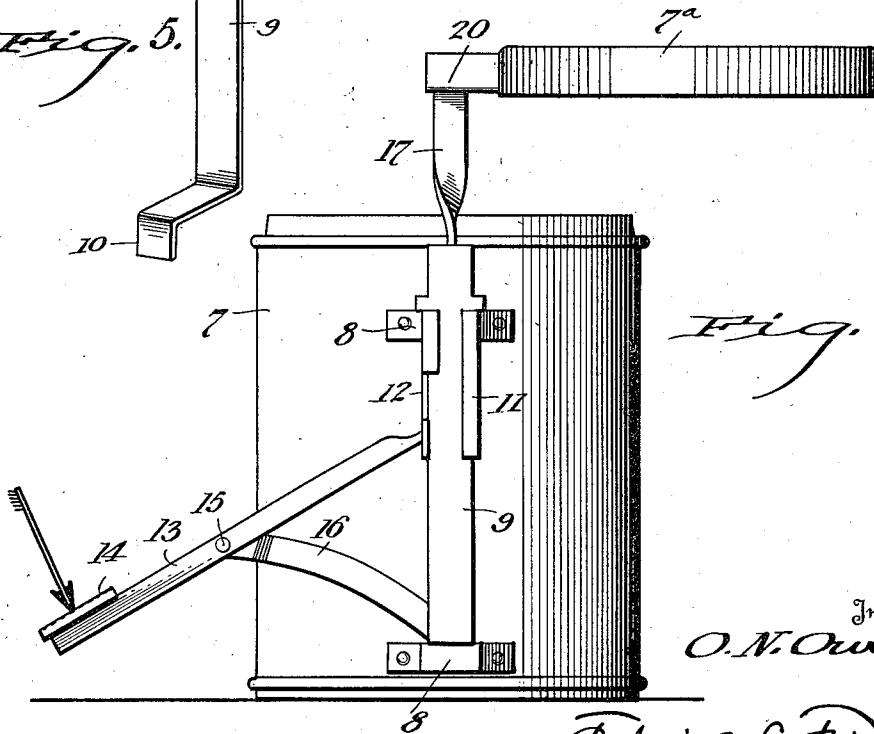
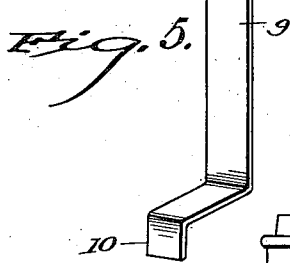
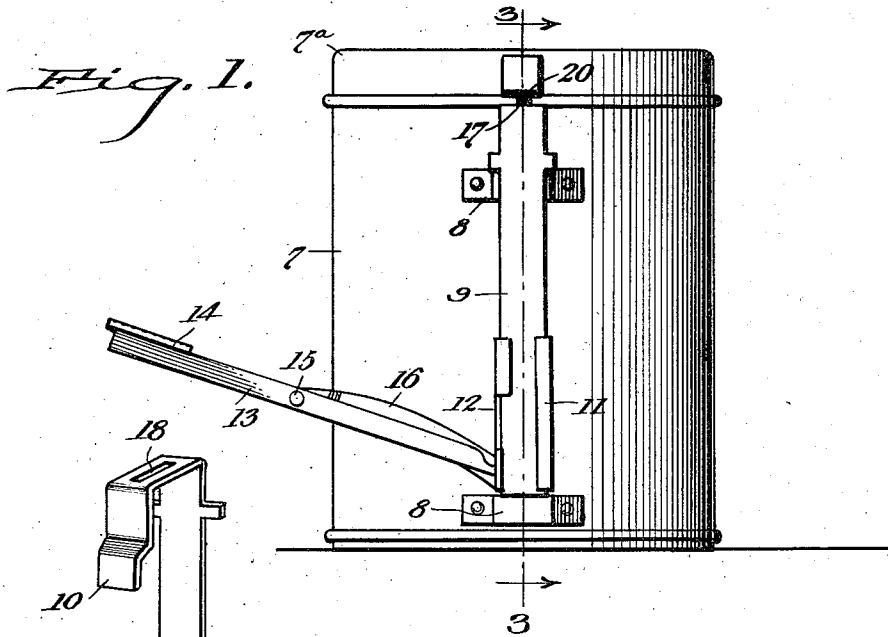
1,461,253

O. N. OWEN

GARBAGE CAN

Filed June 26, 1922

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

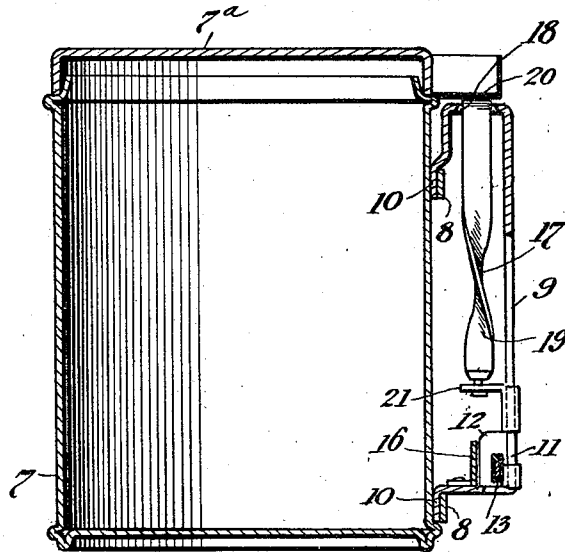


Fig. 3.

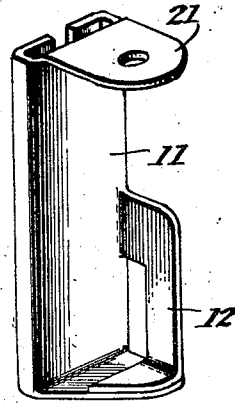


Fig. 6.

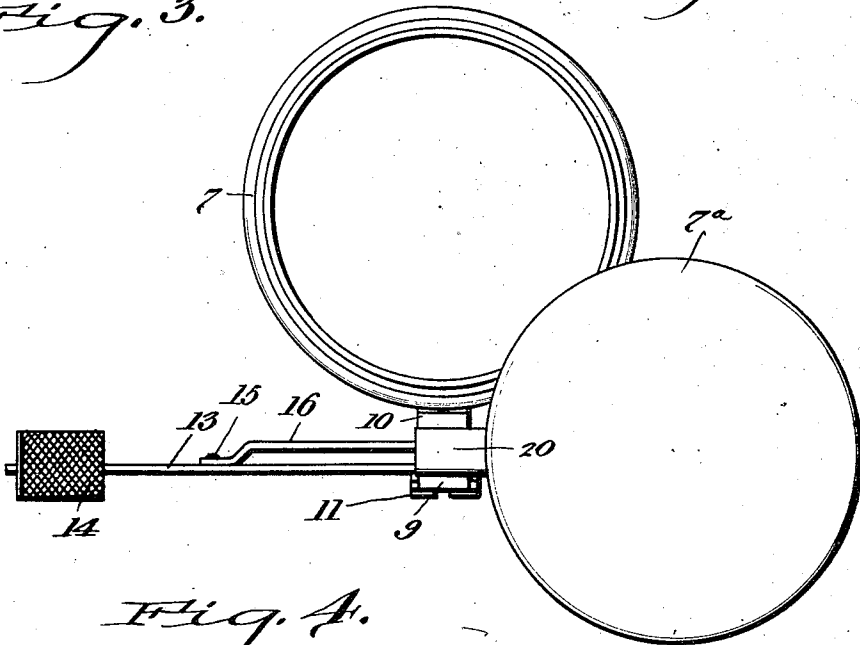


Fig. 4.

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## UNITED STATES PATENT OFFICE.

OBADIAH N. OWEN, OF PHOENIX, ARIZONA.

GARBAGE CAN.

Application filed June 26, 1922. Serial No. 570,893.

*To all whom it may concern:*

Be it known that I, OBADIAH N. OWEN, a citizen of the United States, residing at Phoenix, in the county of Maricopa and State of Arizona, have invented certain new and useful Improvements in Garbage Cans, of which the following is a specification.

The present invention relates to receptacles for garbage and the like, and the object is to provide a covered container with means whereby the cover thereof can be conveniently operated to give access to the interior and to re-close the container.

In the accompanying drawings:—

Figure 1 is a view in elevation of the receptacle with the improvements thereon and the cover in closed position,

Figure 2 is a similar view with the cover in its inactive position,

Figure 3 is a vertical sectional view on the line 3—3 of Figure 1,

Figure 4 is a plan view of the device as illustrated in Figure 2,

Figure 5 is a detail perspective view of the bracket member, and

Figure 6 is a detail perspective view of the carrier element.

The receptacle may be of any well known or desired character, but is preferably of sheet metal, cylindrical in form, and is designated 7. It has an open top upon which is adapted to be placed a cover 7<sup>a</sup>. On one side of the receptacle are keepers 8.

A bracket, comprising a vertical guide bar 9, has depending terminal lugs 10 that detachably engage in the keepers 8, whereby the bracket is supported upon one side of the receptacle with the guide bar 9 in vertical position. A carrier sleeve 11 is slidably mounted on the guide bar 9 and is provided with an offset ear 12 in which is engaged one end of a treadle lever 13. The lever 13 has on its free side a foot piece 14 and said lever is pivoted as shown at 15 to an arm 16 fixed to the lower end of the bracket.

A stem 17, in the form of a flat strip, is slidably mounted in a narrow slot 18 formed in the top of the bracket, and has its lower portion twisted into a spiral 19 that is adapted to pass through the slot and cause a twisting action of the stem. The upper end of the stem is fixed as shown at 20 to one side of the cover 7<sup>a</sup>, while its lower end is journaled in an ear 21 forming a part of the carrier 11.

With this construction, it will be evident

that with the cover 7<sup>a</sup> in its operative position as shown in Figures 1 and 3, if the foot piece 14 is depressed, the lever 13 will cause the elevation of the carrier on the guide rod 9, thereby raising the stem 17 and the cover 7<sup>a</sup>. A continued elevation of the parts will cause the spiral 19 to enter the slot 18 and effect the rotation of the cover 7<sup>a</sup> to a position at one side of the receptacle, as illustrated in Figures 2 and 4, thus giving free access to the said receptacle. Upon releasing the foot piece the weight of the parts will cause the cover to return to the position illustrated in Figures 1 and 3.

From the foregoing, it is thought that the construction, operation and many advantages of the herein described invention will be apparent to those skilled in the art, without further description, and it will be understood that various changes in the size, shape, proportion and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A receptacle having an open top, a cover for the top, a substantially U-shaped bracket comprising an upright guide bar and offset arms having their free terminals mounted on the receptacle, a carrier vertically slidable on the upright guide bar and extending inwardly therefrom, means for moving the carrier, and a spiral stem rotatably mounted on the inwardly extending portion of the carrier and having a slidable and rotatable bearing in the upper offset arm of the bracket, said stem having the cover fixed thereto.

2. A receptacle having an open top, a cover for the top, and means mounted on one side of the receptacle and connected to the cover for elevating the cover from the receptacle and causing it to swing to and from a position over the receptacle, said means comprising keepers on the receptacle, a bracket having lugs engaged in the keepers, a spiral stem vertically slidable and rotatably engaged with the bracket, a carrier for the stem slidable on the bracket, and means for moving the carrier.

3. A receptacle having an open top, a cover for the top and means mounted on one side of the receptacle and connected to the cover for elevating the cover from the re

ceptacle and causing it to swing to and from  
 a position over the receptacle, said means  
 comprising keepers on the receptacle, a  
 bracket having an upright guide bar with  
 5 terminal lugs engaged in the keepers, a car-  
 rier slidable on the guide bar, a treadle con-  
 nected to the carrier, a stem fixed to the  
 cover and having a spiral portion slidably

engaged with the bracket, said stem having  
 a rotatable mounting in the carrier. 10

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

OBADIAH N. OWEN

Witnesses:

MAMIE W. WALL,  
 W. H. GRINDSTAFF.