

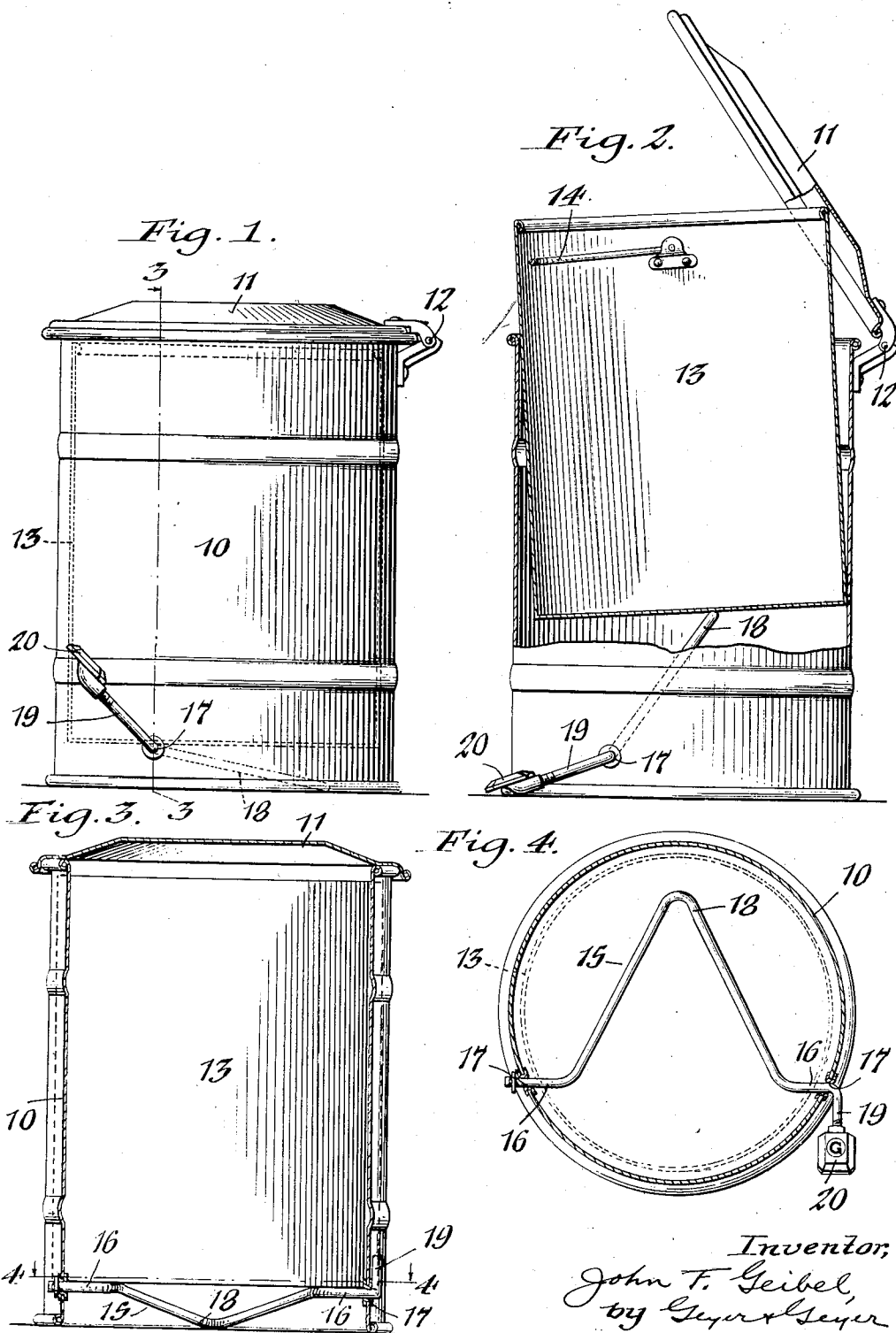
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SANITARY WASTE CAN

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SANITARY WASTE CAN.

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This invention relates to a sanitary waste or garbage can of the type having a can-receiving body or container and a foot-actuated cover hinged thereto.

- 5 One of its objects is to provide a receptacle of this character having means for simultaneously raising the waste can proper out of its supporting body and opening the cover.
- 10 Other objects of the invention are to provide an improved waste can which is simple, inexpensive and compact in construction, and whose parts are so organized and arranged that they are not subject to breakage
- 15 or liable to get out of order.

In the accompanying drawings: Figure 1 is a side elevation of a waste can embodying my invention, showing the parts in position with the cover closed. Figure 2 is a similar view, partly in section, with the cover open. Figure 3 is a transverse vertical section on line 3—3, Fig. 1. Figure 4 is a horizontal section on line 4—4, Fig. 3.

Similar characters of reference indicate 25 corresponding parts in the several views.

In the preferred embodiment of the invention shown in the drawings, the same comprises a can-body or container 10 which is cylindrical in form and constructed of 30 sheet metal or other suitable material. At its open upper end, this can-body is provided with a vertically-swinging cover 11 hinged at 12.

Contained within the can-body is a receptacle 13 in the form of a pail or bucket for the garbage, ashes or other waste-materials. The dimensions of the receptacle are such that it fits more or less loosely in the can-body to permit its ready insertion and removal into and out of the same. In the 40 lowered position of the receptacle in its body, the same is contained wholly within said body, as shown in Fig. 1, with its upper end terminating immediately below the underside of the cover 11. The receptacle may have a bail 14 pivoted to fold into it, as shown in Fig. 2.

Carried by the can-body 10 is a combined support and ejecting device for the receptacle 13, said device serving to support the latter properly within the can-body, as shown in Fig. 1, and to project it to the position shown in Fig. 2, which movement also opens the cover 11. This device is preferably in the form of a horizontally disposed

foot-actuated member or lever 15 having bearing portions 16, 16 at its ends journaled in alining openings 17 formed near the lower end of the can-body. Intermediate these bearing portions and contained within the 60 dimensional area of said can-body is an offset portion or crank-arm 18 of substantially V-shaped form, which is adapted to engage the underside of the receptacle 13. The bearing portions 16, 16 not only serve as a fulcrum for the crank-arm but constitute supports upon which the receptacle rests when in its normal position in the can-body. As shown in Figs. 2 and 4, the actuating member is journaled on one side of the longitudinal axis of the can-body, so that its crank-arm 18 has the necessary throw to project the receptacle above the mouth of the can-body sufficiently to raise the cover for permitting the emptying of waste into 75 said receptacle. Located on the exterior of the can-body and forming an angular continuation of one of the bearing portions 16 is an actuating arm 19 extending in a direction opposite to the crank-arm 18 and having 80 a foot-pedal 20 attached to its free end.

By this construction and arrangement, the cover of the can-body is raised through the instrumentality of the receptacle 13 which in effect forms a link between the foot-actuated 85 member 15 and said cover.

In the use of this device, assuming the parts to be in the position shown in Fig. 1, and it is desired to raise the cover 11, the foot-pedal 20 is depressed which projects the receptacle 13 above the mouth of the can-body and simultaneously swings the cover to its open position, shown in Fig. 2. Upon releasing the foot-pedal, the receptacle and the cover drop to their initial position by gravity, the receptacle being supported upon the bearing portions 16 of the actuating member, while the cover engages the rim of the can-body. In both movements of the cover, the receptacle acts directly to control it. 100

This improved waste can is sanitary and convenient in use, and the cover-operating device is exceedingly simple in construction, reliable in action and comprises a minimum number of parts, correspondingly reducing 105 the cost of manufacture.

I claim as my invention:

1. A device of the character described, comprising a can-body adapted to receive and support a waste receptacle, a cover for 110

said receptacle hinged to the top of said can-body, and manually-operated means mounted for swinging movement on the can-body for actuating the receptacle in a direction to control the movements of said cover.

2. A device of the character described, comprising a can-body adapted to receive a waste receptacle therein, the receptacle being freely movable in and disconnected from the can-body, a cover for said receptacle hinged to the top of said can-body, and a combined rigid support and manually-operated ejecting device for said receptacle, the latter controlling the opening and closing movements of said cover.

3. A device of the character described, comprising a can-body adapted to receive a waste receptacle therein, a cover for said receptacle hinged to the top of said can-body, and a foot-actuated thrust member mounted on said can-body said member including a part for direct engagement with said receptacle for projecting it above the can-body and a part for manually supporting the receptacle in its lowered position, said receptacle controlling the opening and closing movements of said cover.

4. A device of the character described, comprising a can-body adapted to receive a waste receptacle therein, a cover for said receptacle hinged to the top of said can-body, and a foot-actuated member fulcrumed on said can-body and having an offset portion arranged for engagement with said receptacle for projecting it out of the can-body to raise said cover.

5. A device of the character described, comprising a can-body adapted to receive a waste receptacle therein, a cover for said receptacle hinged to the top of said can-body, and a foot-actuated member journaled

at its ends near the lower end of said can-body and having a crank-arm arranged to engage the underside of said receptacle for projecting it out of the can-body to raise said cover.

6. A device of the character described, comprising a can-body adapted to receive a waste receptacle therein, a cover for said receptacle hinged to the top of said can-body, and a foot-actuated member having bearing portions at its ends journaled in said can-body near the lower end thereof and a substantially V-shaped crank-arm intermediate its ends arranged to engage the underside of said receptacle, the bearing portions of said foot-actuated member constituting supports for said receptacle.

7. A device of the character described, comprising a can-body adapted to receive a waste receptacle therein, a cover for said receptacle hinged to the top of said can-body, and a foot-actuated member having bearing portions at its ends journaled in said can-body on one side of the longitudinal axis thereof and a substantially V-shaped crank-arm intermediate its ends for engagement with the underside of said receptacle, one of said bearing portions terminating on the exterior of the can-body in an actuating arm extending in a direction opposite to that of said crank-arm.

8. A device of the character described, comprising a can-body, a cover hinged to the top of said can-body, an actuating lever fulcrumed at the lower end of the can-body and having a crank-arm contained within the dimensional area thereof, and a receptacle contained in the can-body and constituting a link between said cover and said crank-arm.

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