Aug. 27, 1935. C. KOPCHINSKY 2,012,855

GARBAGE CONTAINER

Filed Aug. 13, 1934

Fig. 1.

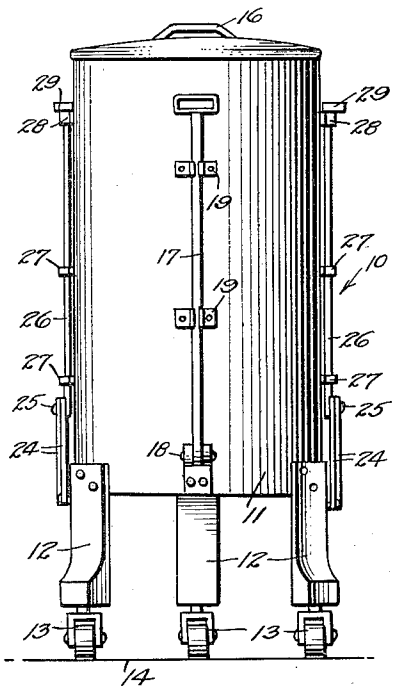


Fig. 2.

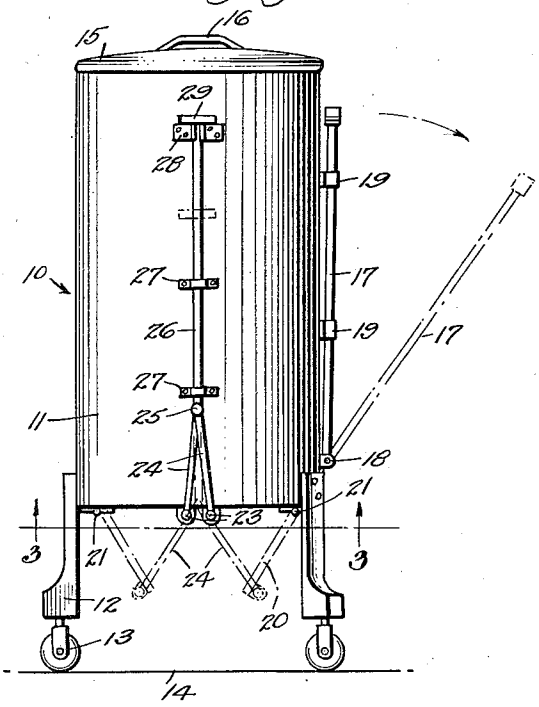


Fig. 3.

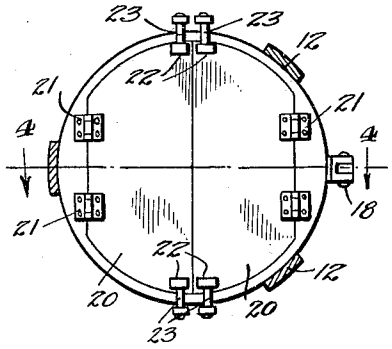
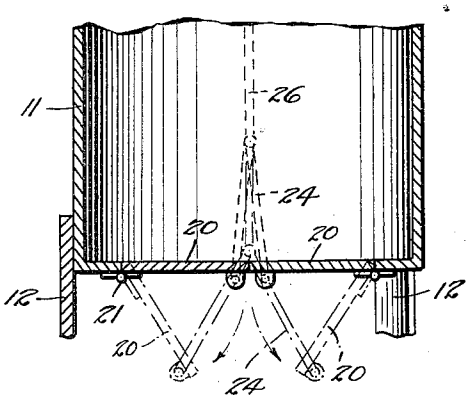


Fig. 4.



Inventor

Charles Kopchinsky

By Miller + Miller

Attorneys.

Patented Aug. 27, 1935 2,012,855

UNITED STATES PATENT OFFICE

2,012,855

GARBAGE CONTAINER

Charles Kopchinsky, Lodi, N. J.

Application August 13, 1934, Serial No. 739,674

1 Claim. (Cl. 220—36)

This invention relates to a garbage container and has for an object to provide an improved means of temporarily receiving and storing garbage and of thereafter disposing of the same without the necessity of lifting the container either in receiving the garbage or in disposing thereof.

A further object of this invention is the provision of a garbage container adapted to receive the garbage through the top thereof and to discharge the garbage through the bottom thereof.

A further object of this invention is to provide a garbage container which may be easily moved from place to place, and when filled may discharge the refuse or garbage to the bottom thereof all without the necessity of manually carrying the container.

Still a further object of this invention is to provide a garbage and refuse container especially adaptable to collecting garbage and refuse in apartments and institutions such as hospitals, and for thereafter discharging the refuse and garbage to the bottom thereof.

Yet a further object of this invention is to provide a garbage container with means for positively opening and closing the bottom thereof and further with means for supporting it for easy transportation.

With the foregoing and other objects in view, as will hereinafter become apparent, this invention comprises the constructions, combinations and arrangements of parts, hereinafter set forth, disclosed and shown on the accompanying drawing. In this drawing,

Figure 1 is a front view of the invention,

Figure 2 is a side elevation of the same,

Figure 3 is a sectional view taken approximately on the line 3—3 of Figure 2, and

Figure 4 is a sectional view taken approximately on the line 4—4 of Figure 3.

There is shown at 10 the garbage container or barrel constituting this invention. This garbage container or barrel 10 includes a can 11 of any suitable size supported on uprights 12, the uprights 12 being supported in turn on wheels or casters 13 adapted to be rolled over any floor or suitable surface 14.

As shown, there will preferably be three supports or uprights 12 and a corresponding number of wheels or casters 13, although a greater number may be used if desired.

The top of the can 11 is provided with a manually removable cover 15 having a handle 16. A pulling handle 17 is hinged to the can 11 as at 18 adjacent its bottom and may be held to the sides of the can when in inoperative position, by means of a pair of snaps 19. In order to use the handle 17 it is merely released from its snaps 19 and then the garbage container 10 may be pulled over the floor or surface 14 on its wheels or casters 13.

In this manner, the garbage container 10 may be used as a collector for garbage or refuse in a hospital or apartment house or the like, the garbage container 10 being pulled along by means of the handle 17 and the garbage or refuse placed into the can 11 by temporarily removing the cover 15 until the same has been filled.

When the can 11 is filled the garbage container 10 is then brought to any convenient place for discharging the refuse or garbage, as for instance, a suitably located garbage chute leading to an incinerator or other means of disposing thereof.

A pair of hinged doors 20 are hingedly secured as at 21 and form the bottom of the can 11. Each door 20 is provided with a pair of bosses 22 and the adjacent bosses 22 of each door 20 is pivotally secured by pins 23 to a pair of links 24. The links 24 are in turn pivotally hinged as at 25 to the bottom of a rod 26. This rod 26 is slidably supported against the side of the can 11 by a pair of U-shaped brackets 27, and is held in its uppermost position by means of a snap clamp 28 cooperating with an enlarged handle 29 formed on the top of the rod 26.

As will be apparent, the rod 26 and the link 24 and their cooperative structure is duplicated on opposite sides of the can 11. This rod 26 is slightly flexible, sufficiently so so that the handle 29 may be pulled out of the snap 28 away from the side of the can and then the rods 26 are allowed to drop whereby the links 24 allow the doors 20 to open about their hinges 21 and discharge the contents of the can through the bottom.

After the can has thus been emptied the rods 26 are drawn upwardly by their handle members 29 which are again snapped into the snap 28 to securely hold the doors 20 in closed position.

The advantages of this invention should be apparent from the foregoing description. When made in a small size the garbage can 10 may be kept at any suitable location for receiving refuse or garbage as in a home or individual apartment. Then, when it has been filled up it may be pulled by means of a handle 17 on its wheels or casters 13 to a suitable place for disposing of its contents, at which place the handles 29 are pulled out of the snap 28 so as to open the doors 20 and discharge the contents thereof.

When made in a large size it may be used as a portable garbage container or wagon and may be

used to collect garbage in hospitals, apartment houses, or other like institutions.

The novel features and the operation of this device will be apparent from the foregoing description. While the device has been shown and the structure described in detail, it is obvious that this is not to be considered limited to the exact form disclosed and that changes may be made therein within the scope of what is claimed without departing from the spirit of the invention.

Having thus set forth and disclosed the nature of this invention, what is claimed is:

A garbage and refuse receptacle comprising a can, a plurality of supports secured to said can adjacent the bottom thereof, a caster wheel secured to the bottom of each support, a handle member hinged to one side of said can adjacent the bottom thereof for pulling said garbage can about, snap means secured to the side of said can adapted to hold said handle when in inoperative position, a pair of doors oppositely hinged in the bottom of said can, and means for positively opening said doors downwardly to a garbage disposing position and for positively securing said doors when in upward closed position, said means comprising a pair of flexible rods, bracket means on opposite sides of said can slidably securing said rod thereagainst, a handle member on the top end of each rod, a U-shaped bracket member for receiving said handle secured to the side of said can to support said handle in uppermost position, said U-shaped bracket member also allowing the handle to be sprung outwardly from said can, a pair of links hingedly secured to the bottom of said rod, each door having a pair of bosses projecting therefrom, and pin means pivotally securing said bosses to said links.

CHARLES KOPCHINSKY.