L. C. CARDEN.

GARBAGE RECEPTACLE.

APPLICATION FILED JULY 25, 1912.

1,068,854.

Patented July 29, 1913.

2 SHEETS—SHEET 1.

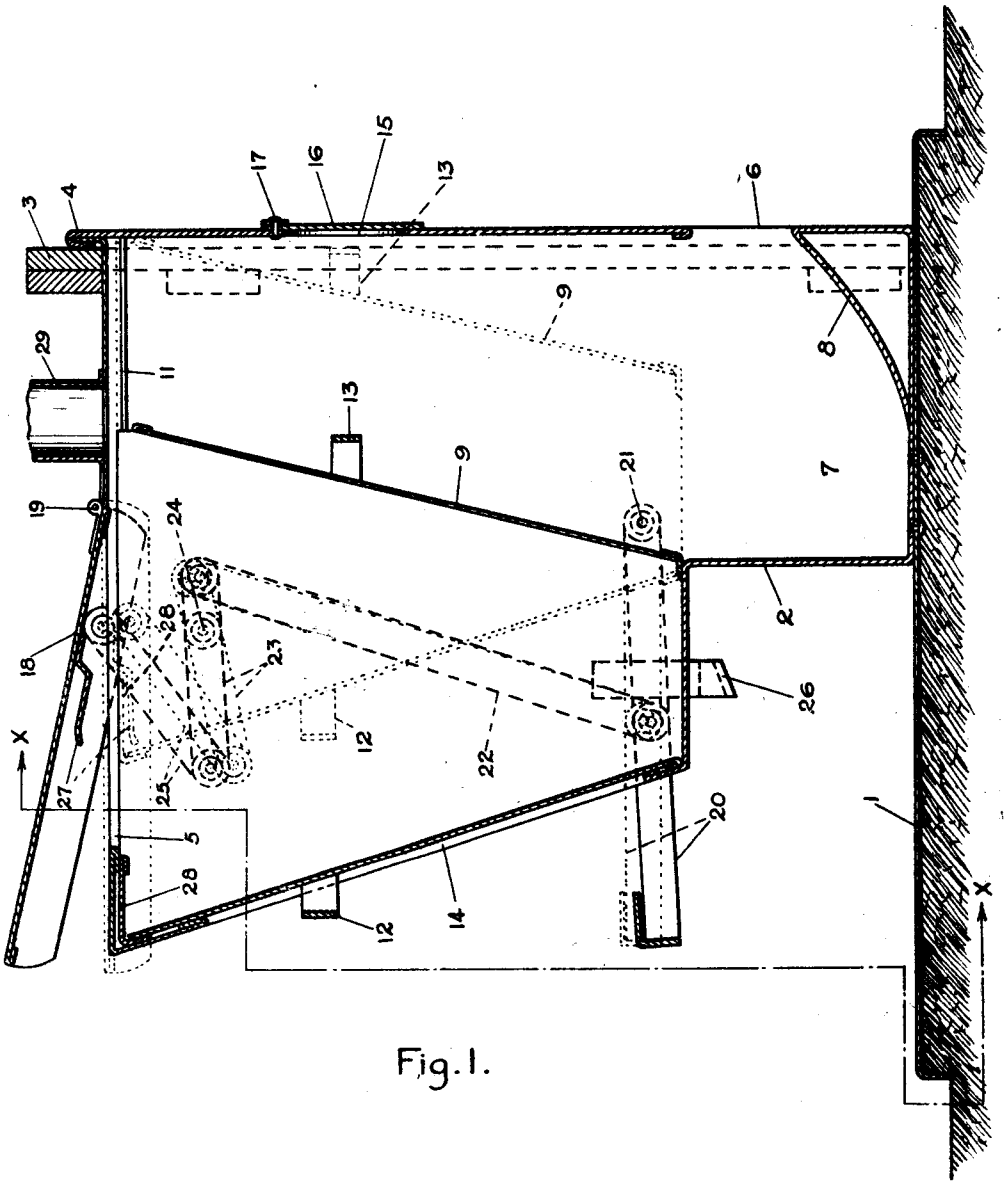


Fig. 1.

Witnesses

Romaine W. Stone

A. A. Olson.

Inventor

Leslie C. Carden

By Joshua R. H. Stone

his Attorney.

L. C. CARDEN.

GARBAGE RECEPTACLE.

APPLICATION FILED JULY 25, 1912.

1.068,854.

Patented July 29, 1913.

2 SHEETS—SHEET 2.

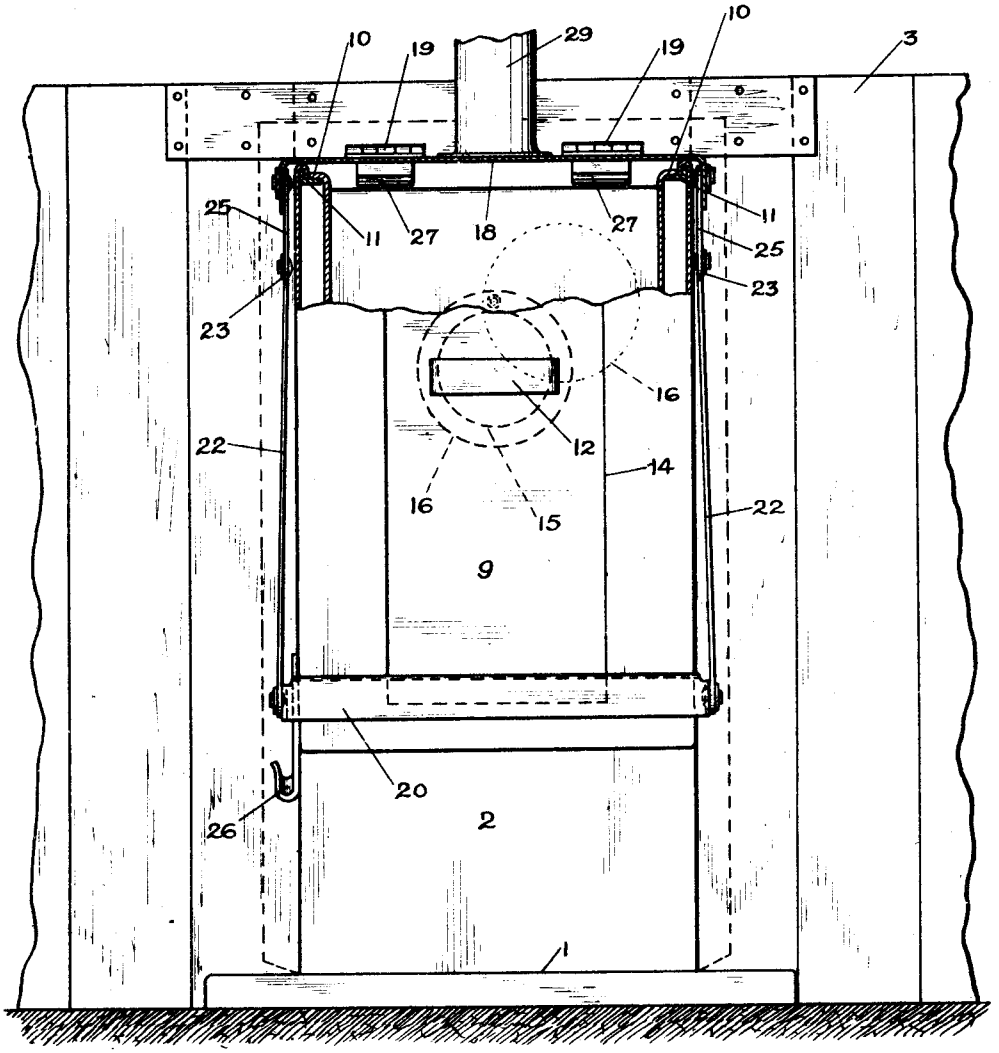


Fig. 2.

Witnesses

Romaine W. Stone.

A. A. Olson.

Inventor

Leslie C. Carden

By Joshua R. H. Porr

his Attorney.

UNITED STATES PATENT OFFICE.

LESLIE C. CARDEN, OF CHICAGO, ILLINOIS.

GARBAGE-RECEPTACLE.

1,068,854. Specification of Letters Patent. Patented July 29, 1913.

Application filed July 25, 1912. Serial No. 711,560.

To all whom it may concern:

Be it known that I, LESLIE C. CARDEN, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Garbage-Receptacles, of which the following is a specification.

My invention relates to improvements in garbage receptacles and has for its object the production of a garbage receptacle which will be sanitary in use and which will be of durable and economical construction.

Other objects will appear hereinafter.

With these objects in view my invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification and in which,

Figure 1 is a central vertical section of a garbage receptacle embodying my invention, and Fig. 2 is a section taken on substantially the line x—x of Fig. 1, the closure, which in Fig. 1 is shown in partially open position, being shown closed in Fig. 2.

The preferred form of construction as illustrated comprises a base 1 upon which is securely fastened the hollow body 2 of the receptacle. Said body 2 in use is arranged preferably adjacent the alley, the rearward end thereof projecting through an opening provided for the reception thereof in the fence 3 which is usually provided at the rearward end of a lot at the alley. Said body is provided at its rearward side with an outwardly projecting flange 4 which rests against the adjacent side of the fence as clearly shown in Fig. 1.

Provided in the upper side of body 2 is the garbage waste inlet opening 5 and provided in the rear wall of said body adjacent the lower end thereof is the removal or outlet opening 6, said opening 6 communicating with a compartment 7 which is provided in the bottom of body 2 at the rearward end thereof. The compartment 7 is formed with a sloping bottom 8 in order to facilitate the removal of the contents thereof by means of a shovel.

Arranged in the body 2 is a conveyer member 9, the latter being slidably mounted in said body, projecting flanges 10 provided at the upper end of member 9 engaging inwardly projecting flanges 11 provided at the interior of body 2 adjacent the upper end thereof. The arrangement is such, as will be observed, that longitudinal movement of the member 9 in body 2 is permitted. The member 9 is bottomless, the rearward portion of the bottom of body 2 serving as a bottom for the member 9, when the latter is at its forward terminal of movement, as clearly shown in Fig. 1. The arrangement is such, however, that, when the member 9 is moved rearwardly, the contents thereof will be discharged therefrom and deposited into the compartment 7 for removal. This sliding movement of member 9 is effected through the medium of handles 12 and 13 which are accessible through openings 14 and 15 respectively, provided in the front and rear walls of body 2. The opening 15 is provided with a closure plate 16 which is pivotally mounted at 17 at its upper side so that said closure will remain normally in closing position, as will be readily understood.

Access to the upper end of member 9, when the device is in use, is gained through the opening 5, the upper end of member 9 registering with said opening, when said member is at its forward terminal of movement as will be readily understood. Opening 5, however, is closed normally by a closure 18 which is hinged at 19, said closure remaining normally in closed position. Swinging of closure 18 to open position is effected through the medium of U-shaped foot operable lever or pedal 20 which is fulcrumed at 21 upon body 2. The limbs of lever 20 are connected intermediate their extremities with the lower ends of links 22, the upper ends of said links being pivotally connected with the corresponding ends of levers 23 which are fulcrumed at 24 upon body 2. The opposite ends of levers 23 are connected through the medium of links 25 with the closure 18, the arrangements being such, as will be observed, that depression of the free end of lever 20 will effect swinging of said closure to open position. Downward swinging or depression of lever 20 is limited by means of the hooked stop 26 which is arranged, as shown, in the path of oscillation of said lever.

Provided upon the inside of closure 18 are upwardly projecting fingers 27 adapted, when the closure is in lowered or closed position and member 9 in its rearward position, to engage under the flange 28 provided at the upper end of member 9 extending rearwardly from the forward edge thereof. With this arrangement it will be seen that, when member 9 is at its rearward terminal of movement, closure 18 will be locked in closed position preventing the depositing of garbage through opening 5. This, as will be seen, is a safeguard since without this provision it would be a very likely happening for refuse to be deposited into the receptacle when the latter was not arranged to receive the same. With the present construction it will be seen that such a deposit will be prevented since, when the member 9 is not properly positioned, the closure will be locked thereby. Extending upwardly from the upper wall of body 2 is a vent pipe 29 through which the obnoxious fumes and gases may escape from the receptacle. The pipe 29, as will be understood, may be of any length desired to convey the odors and gases and discharge the same where they will not be objectionable.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the exact details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

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

1. A garbage receptacle comprising a hollow body; a movable closure for said body at the upper side thereof; a bottomless member slidably mounted within said body, said member, when in one position, being accessible through said closure; and means for moving said member to transfer the contents of the receptacle from one position therein to another, substantially as described.

2. A garbage receptacle comprising a hollow body; a movable closure for said body at the upper side thereof; a bottomless member movably mounted within said body, said member, when in one position, being accessible through said closure; and handles for manually moving said member to transfer the contents of the receptacle from one position therein to another, substantially as described.

3. A garbage receptacle comprising a hollow body; a movable closure for said body at the upper side thereof; a bottomless member slidably mounted within said body, said member, when in one position, being accessible through said closure; means for moving said member to transfer the contents of the receptacle from one position therein to another; and means for locking said closure in closed position when said bottomless member is at one of its terminals of movement, substantially as described.

4. A garbage receptacle comprising a hollow body having an inlet opening at its upper side and an outlet opening at its rearward end; a movable closure for said inlet opening; a bottomless member movably mounted within said body, said member, when at one terminal of its movement being accessible through said closure, movement of said member to its other terminal of movement effecting the transfer of the contents thereof to the rearward end of said body; and means for manually moving said member, substantially as described.

5. A garbage receptacle comprising a hollow body having an inlet opening at its upper side and an outlet opening at its rearward end; a movable closure for said inlet opening; a bottomless member movably mounted within said body, said member, when at one terminal of its movement being accessible through said closure, movement of said member to its other terminal of movement effecting the transfer of the contents thereof to the rearward end of said body; means for manually moving said member; and means on said member adapted, when the latter is in position at the rearward end of said body, to lock said closure in closing position, substantially as described.

6. A garbage receptacle comprising a hollow body having an inlet opening at its upper side and an outlet opening at its rearward end; a compartment in the bottom of said body at the rearward end thereof accessible through said outlet opening; a bottomless member movably mounted within said body, said member, when at its forward terminal of movement being accessible through said inlet opening, movement of said member to its other terminals of movement effecting the transfer of the contents to the rearward end of said body and the depositing of said contents into said compartment; and means for manually moving said member, substantially as described.

7. A garbage receptacle comprising a hollow body having an inlet opening at its upper side and an outlet opening at its rearward end; a compartment in the bottom of said body at the rearward end thereof accessible through said outlet opening; inwardly extending guides at the upper end of said body; a bottomless member slidably mounted within said body and supported by said guides, said member, when at its forward terminal of movement being acces-

sible through said inlet opening, sliding of said member to its other terminal of movement effecting the transfer of the contents thereof to the rearward end of said body and the depositing of said contents in said compartment; and means for manually sliding said member, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LESLIE C. CARDEN.

Witnesses:

ARTHUR A. OLSON,

JOSHUA R. H. POTTS.