Feb. 22, 1927. 1,618,366

A. F. CULLING

COMBINATION ASH AND GARBAGE RECEPTACLE

Filed March 2, 1925

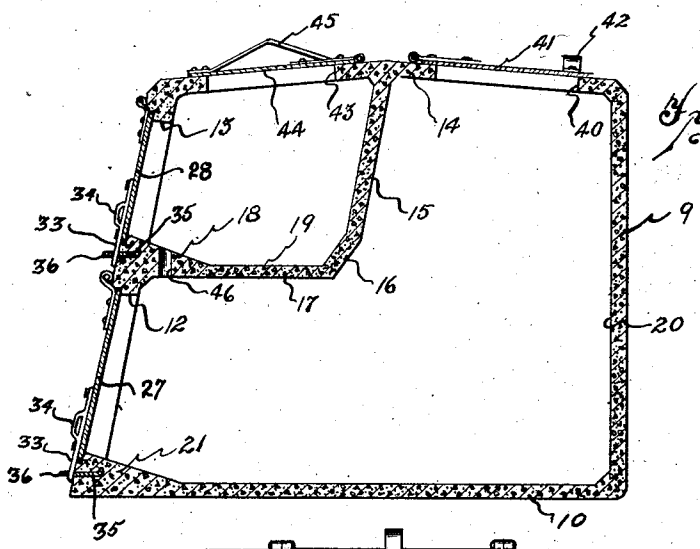


Fig. 1

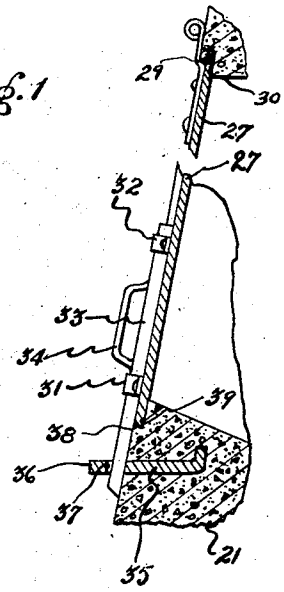


Fig. 3

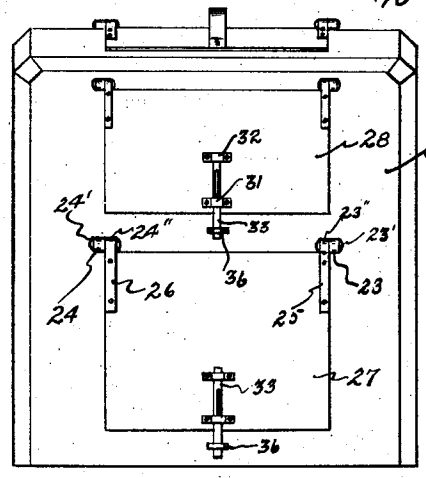


Fig. 2

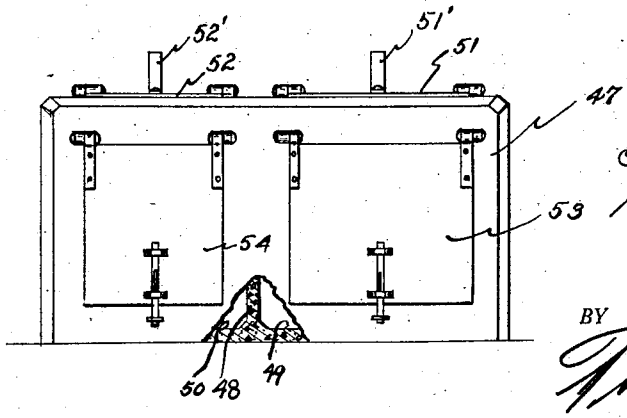


Fig. 4

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COMBINATION ASH AND GARBAGE RECEPTACLE.

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My invention relates to a new and useful improvement in a garbage and ash receptacle and has for its object the provision of a garbage and ash receptacle which will be simple in structure, economical of manufacture and durable and efficient in use.

Another object of the invention is the provision of a garbage and ash receptacle of the class described having doors formed thereon provided with catches adapted for locking the door closed, the structure of the catches and engaging members being such as to afford a maximum wear while, at the same time, cheap and easily installed.

Another object of the invention is the provision of a garbage and ash receptacle so constructed as to be easily and quickly emptied.

Another object of the invention is the provision of a combined garbage and ash receptacle having an overflow communicating with the garbage and ash compartments, so as to permit an excess of liquids deposited in the garbage container to flow into the ash receptacle.

Other objects of the invention will appear hereinafter.

The invention consists in the combination and arrangement of parts hereinafter described and claimed.

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

Fig. 1 is a central vertical sectional view of the invention,

Fig. 2 is a front elevational view of the invention,

Fig. 3 is an enlarged fragmentary sectional view illustrating the latching means used for the doors.

Fig. 4 is a front elevational view of a modified form of the invention.

As shown in the drawings, in the form shown in Fig. 1 there is provided a combination garbage and ash receptacle made preferably of concrete which may be suitably reinforced, if desired, the reinforcement being omitted in the drawings.

This container comprises a rear wall 9 and a base 10, having suitable side walls and a front wall 11. Formed in the front wall 11 are openings 12 and 13. Projecting downwardly from, adjacent the center of the upper wall 14, slightly inclined to the vertical, is a partition wall 15, terminating at its lower end in a more abruptly inclined portion 16, which connects with a base 17, the forward end of which is enlarged and inclined upwardly toward the opening 13, as at 18. There is thus provided a compartment 19, adapted for the reception of garbage and a larger compartment 20 adapted for the reception of ashes and other refuse. As clearly seen in Fig. 1, the upper wall 14 slopes to the rear and the front slightly from adjacent the center, so as to provide a suitable watershed. The base 10 is enlarged as at 21, the enlarged portion being inclined upwardly toward the opening 12. Supported on the body of the structure by having one end thereof projected into the material are knuckles 23 and 24, through which are projected pins 23′ and 24′, which pass through knuckles 24″ and 23″ formed on the arms 25 and 26, which are secured to a door 27 used as a closure for the opening 12. It will be noted that the wall 11 is inclined to the vertical so that the door 27 is inclined. A similar door 28 is similarly mounted upon the wall 11 to serve as a closure for the opening 13. These doors are constructed of similar material and in similar manner, so that a description of one will suffice for both. As shown in Fig. 3, the wall 11 is provided with a V-shaped notch 29, adapted to receive the upper edge 30 of the main body of the door 27 which is cut at an angle. This arrangement is provided in this manner so that the water flowing down the surface of the wall 11 will pass over the door 27 and not be permitted to leak into the compartment 20. Mounted slidably in suitable guides 31 and 32, which are mounted upon the door 27 is a bolt 33, upon which is mounted a suitable handle 34. Embedded in the wall 11 is an angle iron 35 having one end 36 thereof projecting outwardly from the wall 11 and provided with a suitable opening 37 for receiving the bolt 33. The lower end 38 of the door is also diagonally cut and adapted to seat in a V-shaped notch 39 formed in the wall 11. The upper wall 14 is provided with an opening 40, communicating with the compartment 20, a suitable door 41 being provided as a closure for this opening 40, the door 41 having a handle 42. Upon swinging the door out of closing position, the ashes, or other refuse, may be dumped into the com-

partment 20. An opening 43 is provided which communicates with the compartment 19, this opening being provided with a suitable door 44 having the handle 45 which forms with the main body 44 of the door a triangle. This handle 45 serves as an abutment for the door 41, when it is swung backwardly into open position and also serves as an abutment for the door 44, this handle 45 engaging the door 41, when the door 44 is swung to open position, while the door 41 is closed.

The wall 15 and the portion 16 are inclined in the manner shown, so as to normally tend to shove the garbage in the compartment 19 to a forward position in the compartment. The inclined enlarged portion 18 serves as an anchor for the angle iron positioned therein and also permits the one removing the garbage from the compartment to easily remove the garbage therefrom by a shovel, or the like.

Formed in the enlarged portion 18 is an opening 46 which communicates with the compartment 20, so that an excess amount of liquid in the compartment 19 will be allowed to pass into the compartment 20 and cannot overflow through the opening 13, so as to mar the appearance of the receptacle from the outside. The enlarged portion 21 also serves as an anchor for the angle iron 35 and facilitates the removal of the cinders or other refuse from the compartment 20.

In the modified form shown in Fig. 4, I have provided a combination ash and garbage receptacle having an ash compartment and a garbage compartment mounted on the same level. This receptacle comprises a main body 47, having the partition wall 48 extending transversely thereof to provide a pair of compartments 49 and 50. Each of these compartments is provided with an opening in the upper wall having a suitable door 51 and 42 with handles 51′ and 52′. The forward wall is also provided with openings having the doors 53 and 54 with the latching means already described. The doors 53 and 54 are mounted in the V-shaped notch, as already described, the structure and mounting of these doors being the same as the structure and mounting of the doors 27 and 28.

With a combination receptacle of this class formed as described, a durable structure is presented and one which is very efficient in use on account of the specific structure described in detail.

While I have illustrated and described the preferred form of structure, I do not wish to limit myself to the precise form of structure shown but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

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

1. A receptacle of the class described, comprising a main body portion having a compartment enclosed by walls, the front wall thereof having an opening formed therein; an enlargement formed on the base of said main body portion and having its upper surface inclined upwardly and outwardly toward said opening, said main body portion being provided with a V-shaped notch at the upper edge of said opening; a closure for said opening adapted for swingable relation to said main body, the upper edge of said closure being adapted for engaging, when said closure is in closing position, in said V-shaped notch; an angle iron anchored in said enlarged portion of said base, said angle iron projecting beyond the outer surface of said main body and having an opening formed in said projecting portion; a bolt slidably mounted on said closure and adapted for slidable movement into engagement in said opening in said angle iron for locking said door in closed position.

2. A receptacle of the class described comprising a main body having walls for forming a main compartment; a partition wall extending downwardly from the upper wall of said main body portion a portion of the distance toward the base of said main body portion, said partition wall being inclined to the vertical; a portion on said partition wall adjacent the lower end thereof more abruptly inclined toward the vertical than the main body of said partition wall; a base projecting horizontally from the end of said abruptly inclined portion toward the front wall of said main body, said main body having an opening formed therein above the position of said base; an enlargement on said base having its upper surface inclined upwardly and outwardly toward said opening, said enlargement having a vertically extending opening formed therein for establishing communication between the compartment in said main body and the space above said base; an angle iron anchored in said enlargement and projecting at one end beyond said wall, said projecting end being provided with an opening; a closure mounted on said main body, adapted for swingable movement for closing said opening formed in said wall; and a bolt mounted on said closure adapted for slidable movement into engagement in said opening in said angle iron for securing said closure in closed position.

3. A receptacle of the class described, comprising a main body portion having walls enclosing a compartment; a secondary compartment formed within said walls, said secondary compartment having a rear wall inclined to the vertical throughout the major

portion of its length and terminating adjacent its lower end in a more abruptly inclined portion, said abruptly inclined portion terminating in a base extending to the front wall of said receptacle; an enlargement on said base adjacent said wall, said wall being provided with an opening positioned above said base, the upper surface of said enlarged portion inclined upwardly and outwardly from the upper surface of said base to said opening, said enlargement having a vertically extending opening formed therethrough for permitting the passage of liquids through said enlargement into said main compartment.

4. A receptacle of the class described comprising a boxlike structure having enclosing walls and provided with an enlarged compartment and a comparatively small compartment, said small compartment being determined by walls of said boxlike structure and a partition projecting thereacross, projecting downwardly from the upper wall thereof at an incline to the vertical, the lower end of said partition being more abruptly inclined and terminating in a base positioned above the bottom of said boxlike structure a substantial distance; an enlargement on said base, adjacent one of the walls of said boxlike structure and having its upper surface inclined upwardly and outwardly toward an opening formed in said wall, said enlargement having a vertically extending opening formed therein for permitting the passage of liquids from said comparatively small compartment into said larger compartment upon the raising of the liquids in said comparatively small compartment to a certain height.

5. A receptacle of the class described comprising a box-like structure having enclosing walls and provided with an enlarged compartment and a comparatively small compartment, said small compartment being determined by the side walls, front wall and top wall of said box-like structure and a partition projecting thereacross, projecting downwardly from the upper wall thereof at an incline to the vertical, the lower end of said partition terminating at a base positioned above the bottom wall of said box-like structure a substantial distance, the top wall of said box-like structure being downwardly inclined at opposite sides of the juncture of said inclined partition therewith and provided with an opening at each side of said partition, one of said openings communicating with said enlarged compartment and one communicating with said comparatively small compartment, the front wall of said box-like structure having a pair of openings, each communicating with one of said compartments; and a closure for each of said openings.

In testimony whereof, I have signed the foregoing specification.

AMIL F. CULLING.