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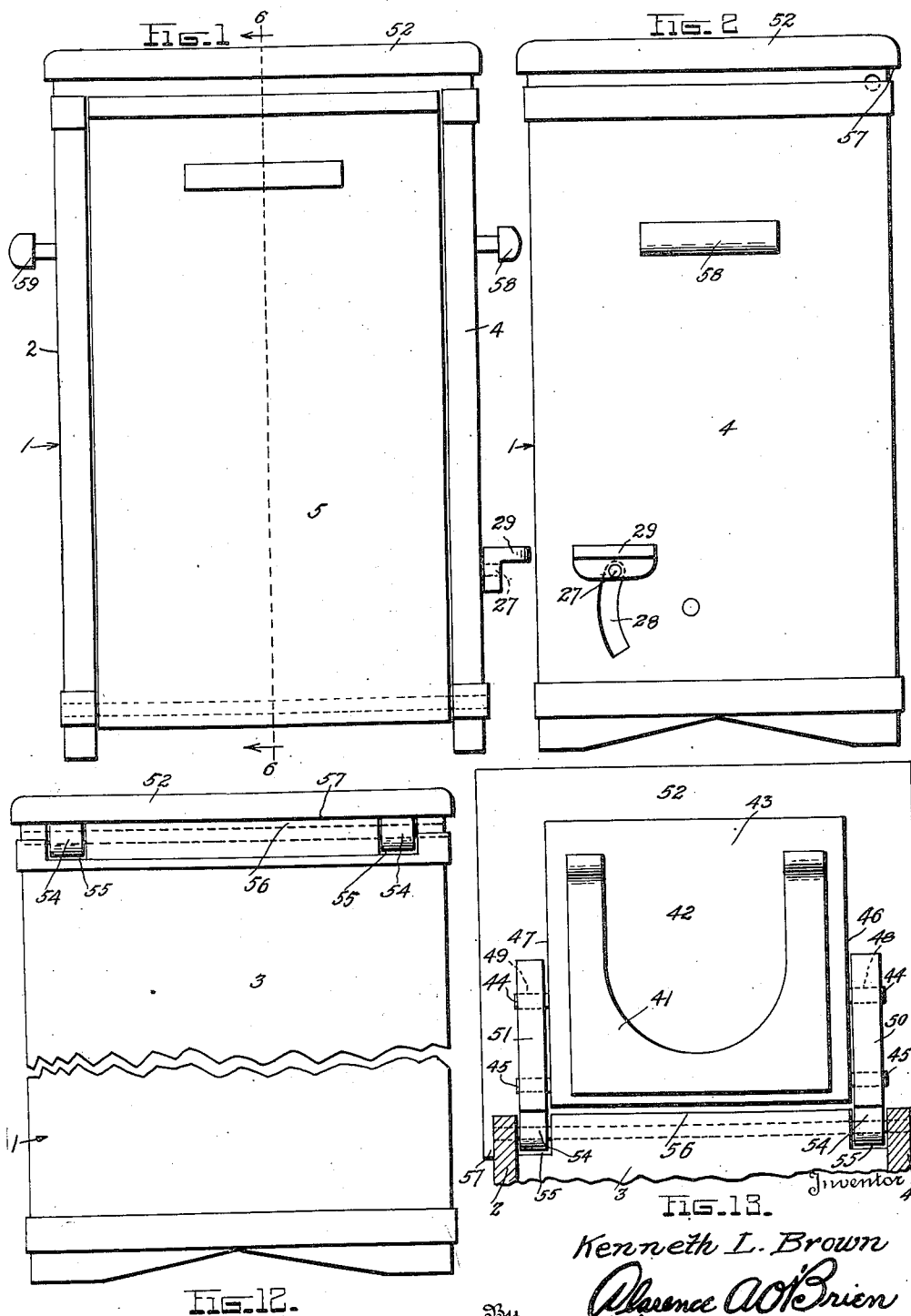
K. L. BROWN

2,386,929

TRASH AND GARBAGE RECEPTACLE

Filed Aug. 3, 1943

4 Sheets-Sheet 1



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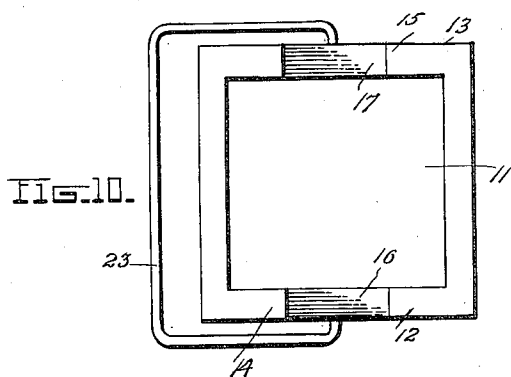
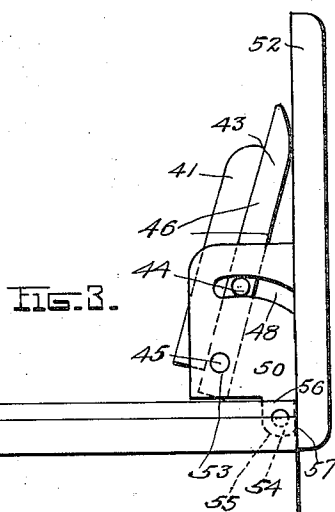
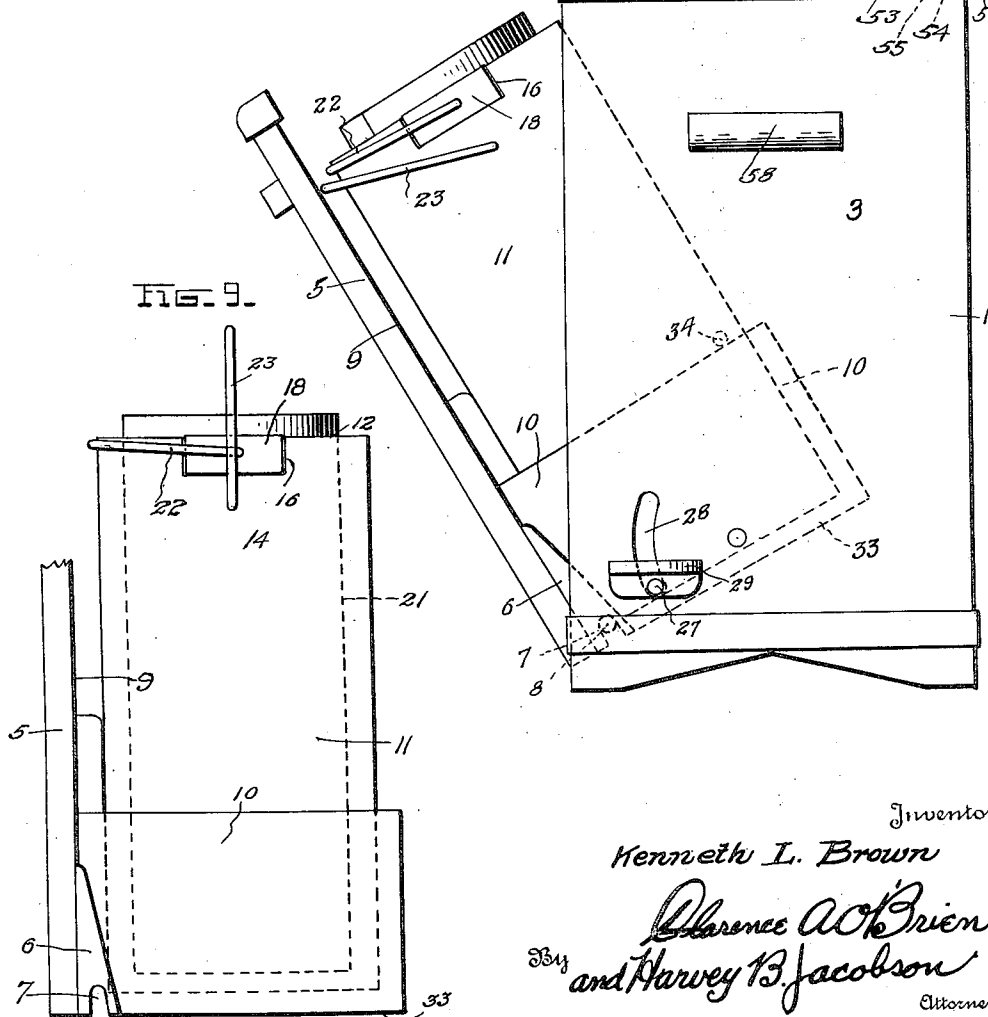
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TRASH AND GARBAGE RECEPTACLE

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4 Sheets-Sheet 2



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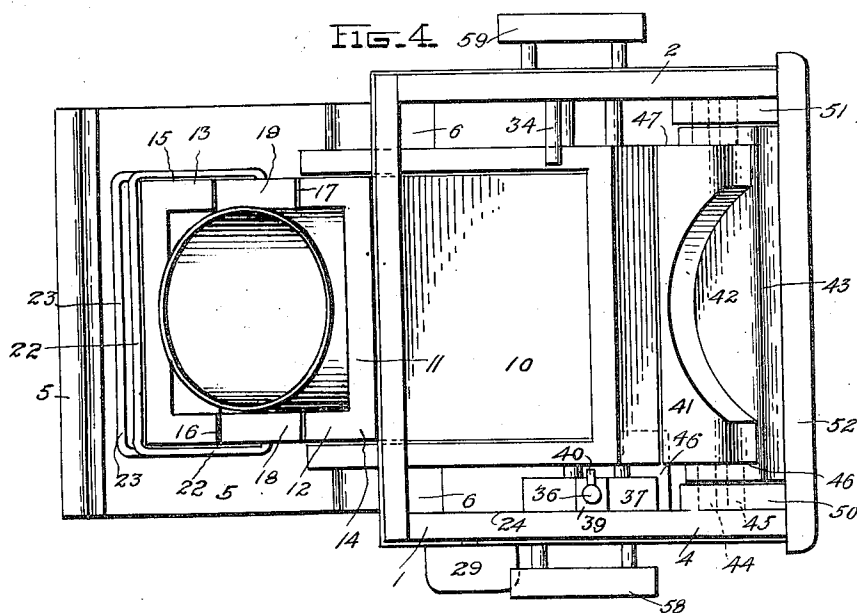
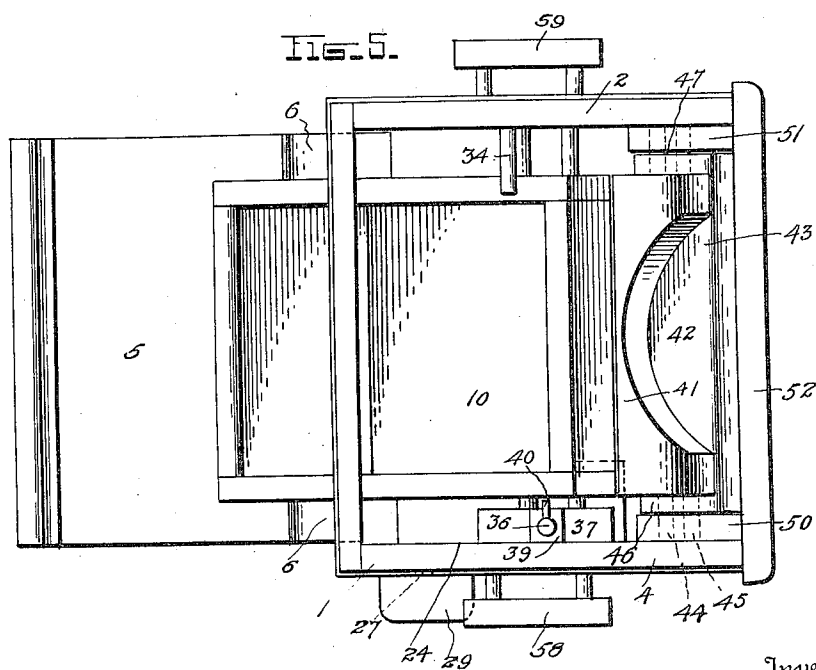
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TRASH AND GARBAGE RECEPTACLE

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4 Sheets-Sheet 3



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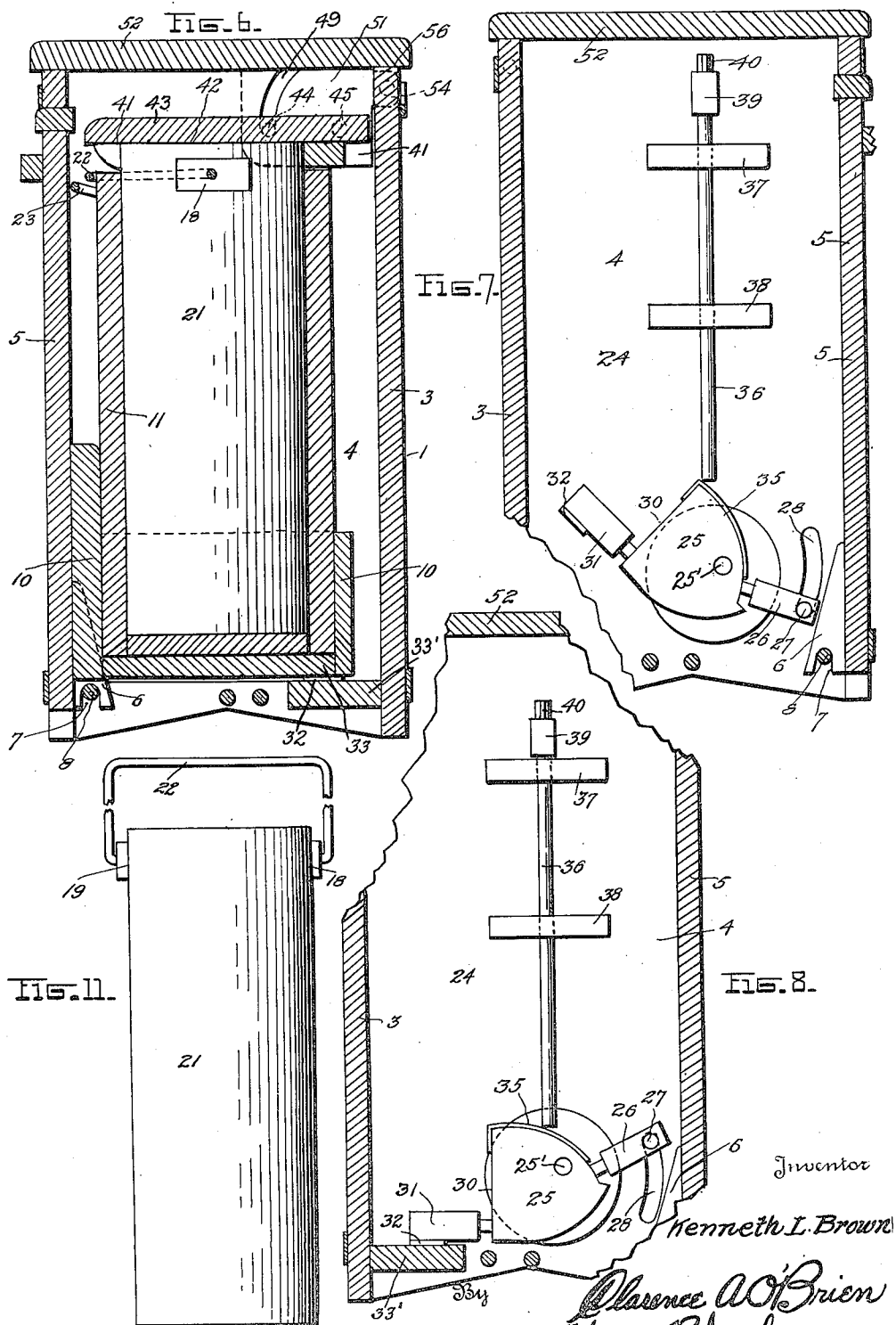
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TRASH AND GARBAGE RECEPTACLE

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4 Sheets-Sheet 4



UNITED STATES PATENT OFFICE

2,386,929

TRASH AND GARBAGE RECEPTACLE

Kenneth L. Brown, Long Beach, Calif.

Application August 3, 1943, Serial No. 497,194

3 Claims. (Cl. 312—155)

This invention relates to improvements in trash and garbage receptacles and has for an object to provide a substantially airtight, odorless and sanitary device of this kind.

Another object of the invention is to provide a trash cabinet having a foot-operated closure.

Another object of the invention is to provide a combined trash and garbage receptacle.

Another object of the invention is to provide a combined trash cabinet closure and trash box holder.

A further object of the invention is to provide in a trash cabinet a wall adapted to carry a trash container and also adapted to swing outwardly from the cabinet to permit removal of the container or the insertion of trash thereinto.

A still further object of the invention is to provide in a trash and garbage cabinet a swinging support for removable receptacle.

Another object of the invention is to provide a cabinet for trash, garbage, soiled clothes or other material, the cabinet having a hinged top, an inner closure member carried by the top, a hinged wall carrying a receptacle and foot-operated means whereby the top may be raised and the wall swung out simultaneously.

Another object of the invention is to provide a cabinet, a swinging wall having means for carrying a container and a gravity-controlled closure within the cabinet for the container.

A further object of the invention is to provide a cabinet carrying a nest of containers therein and means whereby the containers must be nested in a certain manner in order that the cabinet may be closed.

With the above and such other objects in view as may hereinafter more fully appear, I have invented the outfit illustrated in the accompanying drawings and described in the following specification.

In the drawings:

Figure 1 is a front elevational view of my device.

Figure 2 is a side elevational view thereof.

Figure 3 is a similar view, the cabinet being shown opened up to place material therein.

Figure 4 is a top plan view of the cabinet shown completely opened up.

Figure 5 is a similar view, the containers being removed from the cabinet.

Figure 6 is a section on line 6—6 of Figure 1.

Figure 7 is a similar view, looking in the opposite direction with the receptacle and the container removed together with parts associated therewith.

Figure 8 is a similar view, certain parts being in changed position.

Figure 9 is a side elevational view of a receptacle carrier and nested containers therein, removed from the cabinet.

Figure 10 is a top plan view of a container.

Figure 11 is an elevational view of another container.

Figure 12 is a rear elevation of the device, with the central portion, the parts being broken away.

Figure 13 is an inner view of the top of the cabinet showing the connections of the top and closure.

Like reference characters indicate like parts throughout the following specification and in the several views in the drawings in which 1 is a cabinet, preferably square in cross-section, and having integrally connected side walls 2, 3 and 4, and a removable front panel 5. To the bottom of the side edges of which are fixed hinge members 6 having semi-circular notches 7 in the bottom thereof which are adapted to seat on the cylindrical pin 8 connecting the walls 2 and 4 adjacent the bottom thereof, whereby said panel 5 is pivotally mounted in the front of the cabinet. Fixed to the inner surface 9 of the panel 5 and at the bottom thereof is a box-like receptacle or carrier 10 in which is removably seated a rectangular container 11 for trash or any other material. Provided in the upper edges 12 and 13 of the walls 14 and 15 of said container 11 are recesses 16 and 17 very slightly offset forwardly from the vertical centers of said edges, and the purpose of said recesses is to receive the lugs 18 and 19 projecting outwardly from the upper edge 20 of the garbage container 21. The aforesaid arrangement of the recesses 16 and 17 is in order that the bail 22, secured to lugs 18 and 19, can only overhang the front side of the container 11 for easy grasping, and not interfere with grasping the bail 23 of said container 11 when it is desired to remove the container 11 from the cabinet nor with the closure for the container 21 presently described.

Pivotally mounted, as at 25' on the inner surface 24 of the side wall 4 is a cam 25 having an outwardly projecting lever lug 26 with an outwardly extending pin 27 which projects through an arcuate slot 28 provided in the wall 4 adjacent the lower end thereof. To this pin is fixed a treadle 29 upon which a person's foot may press to actuate said cam. Fixed to the opposite side 30 of said cam is another lever lug 31 which carries an inwardly extending flange 32 adapted to seat under the bottom edge 33 of carrier 10.

in order that when the pedal 29 is pressed down and the cam thus rotated, the flange will drive the edge 33 of the carrier 10 up, thus tilting the same and swinging the panel 5 out, as indicated in Figure 3 of the drawings. The flange 32 normally rests on a stop ledge 33' on the side 3 and supports the carrier 10. This swinging movement is limited by a stop pin 34 projecting inwardly from the cabinet wall 2, whereby the panel is permitted to move outwardly only far enough to permit the removal of the container 11. Riding on the upper edge 35 of the cam 25 is a vertically disposed rod 36 which moves up and down through openings in vertically spaced keepers 37 and 38 fixed to the wall 4. The rod 36 is provided with a head 39 above which projects inwardly from said rod a finger 40 which seats in the path of the U-shaped flange 41 projecting from the inner surface 42 of a closure member 43 for the garbage container 21. The member 43 is supported by a pair of pins 44 and 45 projecting outwardly from the side edges 46 and 47 of said member 43, said pins operating freely in slots 48 and 49 in the brackets 50 and 51 projecting downwardly from the inner surface of the lid 52 of the cabinet and to which the member 43 is hingedly connected, as indicated at 45. The lid 52 of the cabinet is hinged to the rear wall of the cabinet by means of lugs 54 extending rearwardly from the brackets 50 and 51 which operate in recesses 55 in said rear wall in the upper edge 56 thereof. The rear edge 57 of said lid extends slightly beyond said rear wall, whereby said extension forms a stop to limit the movement of the lid beyond vertical when raised. Handles 58 and 59 are provided on the opposite walls 2 and 4, for convenience in moving the cabinet from place to place.

Having now described my invention, that which I claim to be new and desire to secure by Letters Patent is:

1. A trash cabinet comprising connected side walls and a front panel provided with a hinged lower end whereby said panel is swingable into

opened and closed positions respectively, a container, means to support said container on said panel within the cabinet when the panel is closed and for swinging part way out of the cabinet when said panel is opened, an upwardly opening lid for the cabinet, an upwardly opening closure for the container, treadle operative means for swinging said panel outwardly, and means operative by said treadle operative means for opening said closure including a vertically movable rod in said cabinet, and a cam for moving said rod upwardly.

2. A trash cabinet comprising connected side walls and front panel provided with a hinged lower end whereby said panel is swingable into opened and closed positions respectively, a container, means to support said container on said panel within the cabinet when the panel is closed and for swinging part way out of the cabinet when said panel is opened, an upwardly opening lid for the cabinet, an upwardly opening closure for the container, treadle operative means for swinging said panel outwardly, and means operative by said treadle operative means for opening said closure and thereby said lid, said closure being hinged to said lid for opening against the same to open the lid with a delayed action.

3. A trash cabinet comprising connected side walls and a front panel provided with a hinged lower end whereby said panel is swingable into opened and closed positions, respectively, a container, means to support said container on said panel within the cabinet when the panel is closed and for swinging part way out of the cabinet when said panel is opened, an upwardly opening lid for the cabinet, an upwardly opening closure for the container, treadle operative means for swinging said panel outwardly, means operative by said treadle operative means for opening said closure and thereby said lid, and connections between said lid and closure whereby said closure may be opened by opening of said lid independently of operation of said closure opening means.

KENNETH L. BROWN.