

Nov. 10, 1931.

E. L. ROSS

1,831,687

GARBAGE CONTAINER

Filed March 10, 1928

3 Sheets-Sheet 1

Fig. 1.

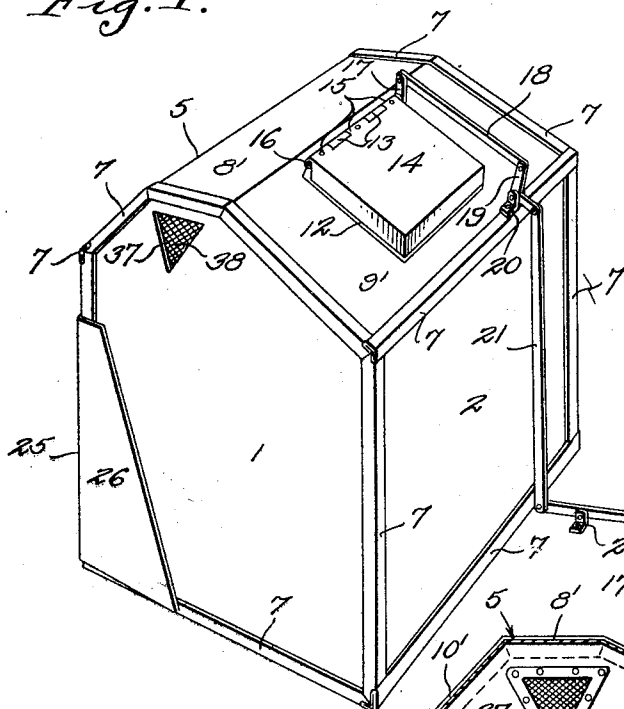
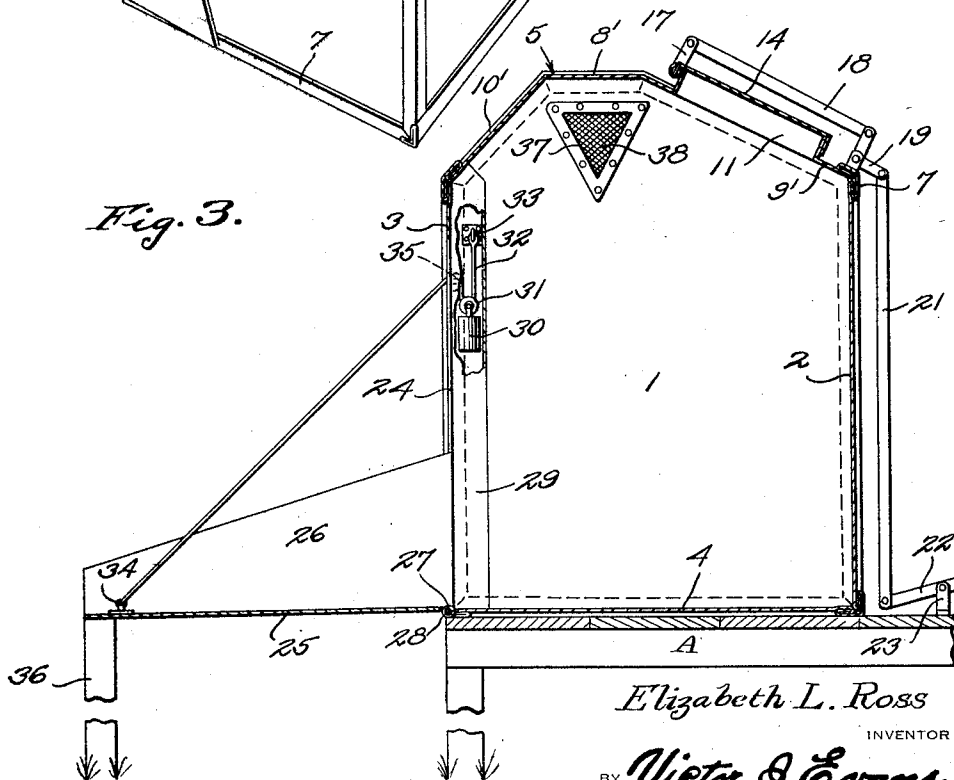


Fig. 3.



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3 Sheets-Sheet 2

Fig. 2.

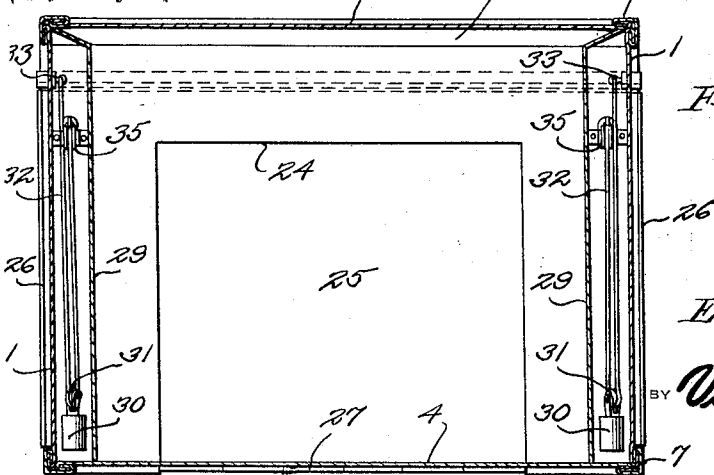
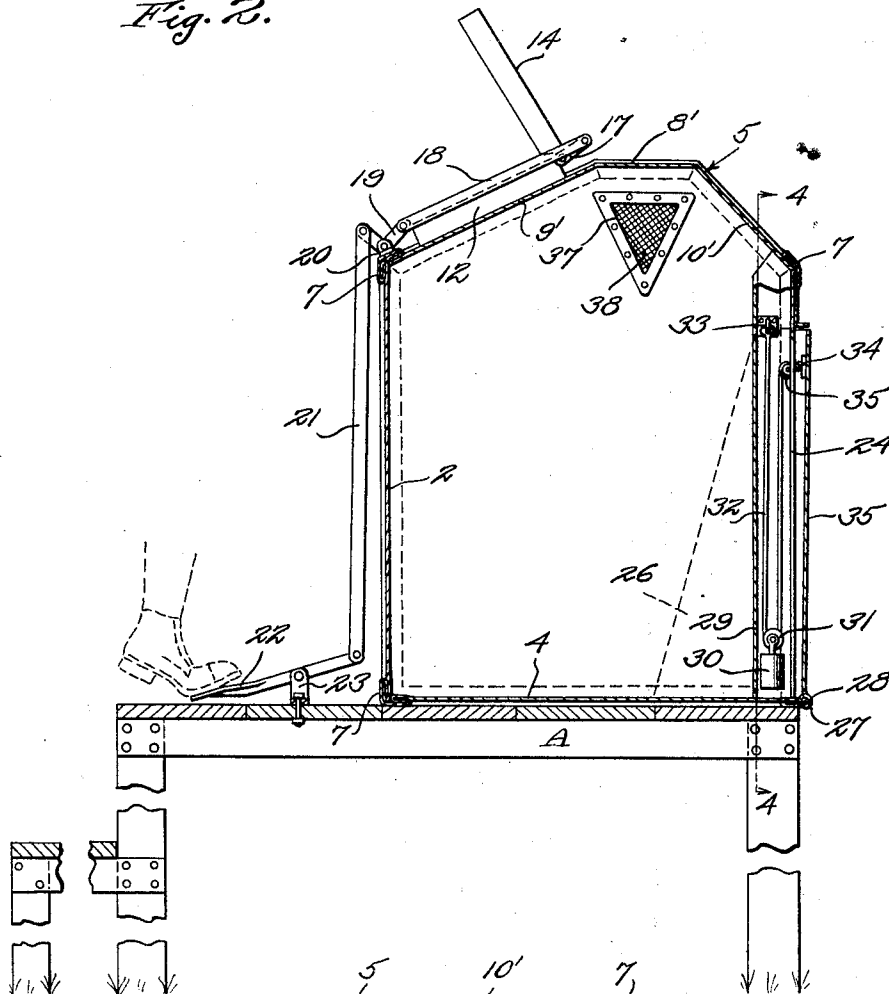


Fig. 4.

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3 Sheets-Sheet 3

Fig. 5.

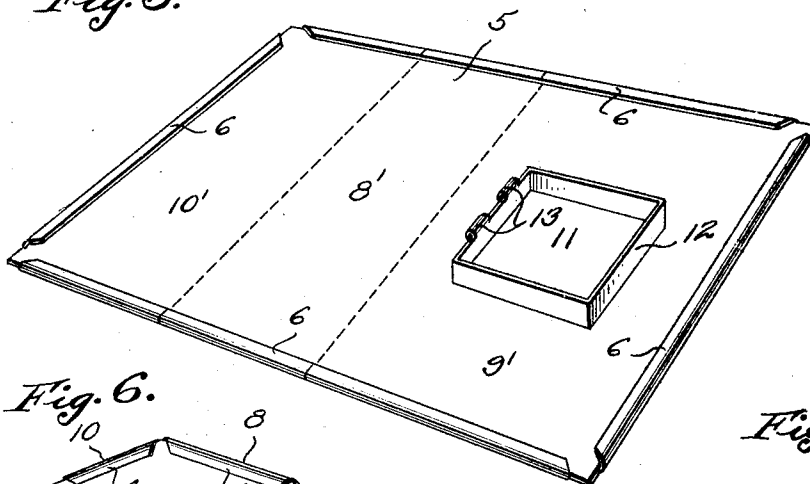


Fig. 6.

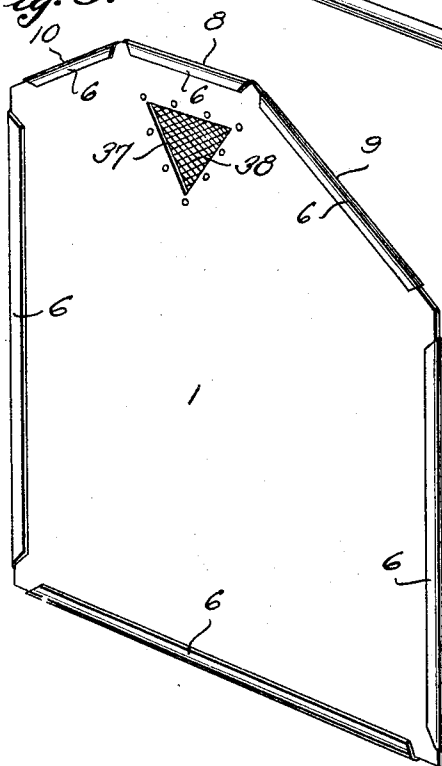


Fig. 7.

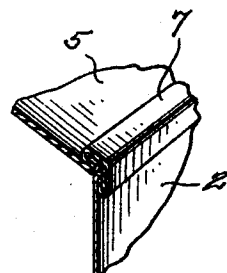
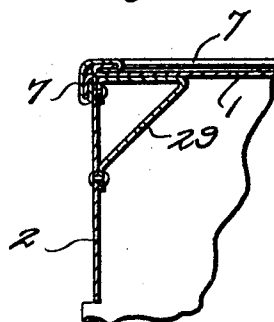


Fig. 8.



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UNITED STATES PATENT OFFICE

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GARBAGE CONTAINER

Application filed March 10, 1928. Serial No. 260,606.

This invention relates to a garbage container, the general object of the invention being to provide a container for garbage which is adapted to be placed on a platform and which is provided with a pedal operated door for enabling the garbage to be placed in the container and a large door for enabling the garbage collector to remove the garbage from the container, the latter door being normally held closed by the use of weights.

Another object of the invention is to provide means for so connecting the parts of the container together that it may be knocked down for shipping purposes and for storage when not in use.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a perspective view of the invention.

Figure 2 is a vertical sectional view through the same showing the device arranged on a platform and with the inlet door in open position.

Figure 3 is a sectional view looking in an opposite direction from Figure 2 and showing the inlet door closed and the outlet door open.

Figure 4 is a section on line 4—4 of Figure 2.

Figure 5 is a view of the top forming sheet.

Figure 6 is a view of one of the side forming sheets.

Figure 7 is a fragmentary view showing how the corners of the sheets are locked together.

Figure 8 is a fragmentary sectional view through one corner of the container showing a housing for a weight.

As shown in these views, the container is formed of metal and comprises two side

sheets 1, the front sheet 2, the rear sheet 3, the bottom sheet 4 and the top sheet 5. All of these sheets are formed with the flanges 6 at their edges which are bent into hook shape and the sheets are connected together by the angle strips 7 which have their edges bent to form hooks for engaging the hook-shaped flanges 6 of the sheets, as clearly shown in Figures 7 and 8. Thus the various parts are detachably connected together by the angle strips 7 so that the device can be knocked down for shipping or storage purposes. Each side sheet is formed with a substantially straight intermediate part at its upper end, as shown at 8 and the two downwardly sloping parts 9 and 10 and the top sheet 5 is bent to provide the straight intermediate part 8' and the downwardly sloping parts 9' and 10', the part 5 resting on the parts 8, the part 9' resting upon the parts 9 and the part 10' resting upon the parts 10. Thus a roof or top is formed for the container which slopes downwardly at each end, with the intermediate part practically straight. As shown, the front sloping part 9' is of greater dimensions than the rear part 10' and an opening 11 is formed in the center of said part 9', with the metal around the opening bent upwardly to form a door frame 12. The rear wall of the frame is formed with ears which are rolled over to form the hinge barrels 13. The door 14 is provided with flanges for overlapping the frame 12 and the rear portion of the door is formed with tongues which are bent over to form the hinge barrels 15 so that by passing a rod 16 through the barrels 13 and 15, the door 14 will be hingedly connected with the frame 12.

An arm 17 is connected with the rear part of the door and a link 18 connects the arm with a bell crank 19 pivotally supported by a bracket 20 at the front of the cover of the device and a link 21 connects the other arm of the bell crank with a pedal 22 supported by a bracket 23 which is fastened to the platform A on which the device is placed. Thus by stepping on the pedal, the parts will be moved to a position to open the door 14 so that garbage can be placed in the device.

The rear sheet 3 is formed with a large

opening 24 which is covered by a door 25 having the flanges 26 at its side edges which overlap the sides of the device when the door is in raised position. Tongues are formed on the rear edge of the bottom sheet and on the lower edge of the door, these tongues being rolled to form the hinge barrels 27 through which a rod 28 is passed to hingedly connect the door with the bottom sheet.

Weight housings 29, formed of metal strips, are fastened to the rear corners of the device, one on each side of the door opening 24. These housings receive the weights 30 which are provided with pulleys 31 over which pass the cables 32, each of which is fastened at one end to a bracket 33 in the upper part of each housing and its other end is fastened to the door, as shown at 34. The cables pass through holes formed in the rear sheet and over pulleys 35 arranged adjacent the holes. These weights tend to hold the door 25 in closed position. Posts 36 are arranged a distance from the rear of the platform to form supports for the door 25 when the same is in open position. A window 37 is formed in the upper part of each side sheet 1 and each window is covered with wire mesh 38.

Thus it will be seen that I have provided a stationary container for garbage which is placed on a platform in such a manner that garbage can be easily placed therein by opening the inlet door through means of the pedal and the garbage can easily be removed therefrom by the collector by swinging downwardly the door 25 and then shoveling the garbage from the device into the garbage wagon. By placing the device on a platform, the collector can easily throw the garbage into the wagon, as he is not required to lift it as high as he would if the device was on the ground. This device eliminates the use of a garbage can which is often broken by the collector dumping it into the wagon and there is no danger of the can being knocked over and the garbage spilled in the yard where children and animals can have access to it.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

It is to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:—

A refuse container comprising a casing including sides, front and rear walls, and bottom and top walls, all of said walls being detachably associated, said rear wall being provided with a door-way, said top wall consisting of oppositely inclined portions and an intermediate straight portion, the inclined portion adjacent the front wall having an

entrance to permit the placing of refuse in the casing, a cover for said entrance, a door hinged to the lower edge of the door-way for normally closing the latter and capable of moving into a horizontal position to permit refuse to be removed from the casing onto the door, side flanges formed with the door to retain refuse thereon when the door is disposed in its last mentioned position, and weight actuated means for said door to urge the latter from its horizontal position to a closed position.

In testimony whereof I affix my signature.
ELIZABETH L. ROSS.