

970,960.

Patented Sept. 20, 1910.

Fig. 1.

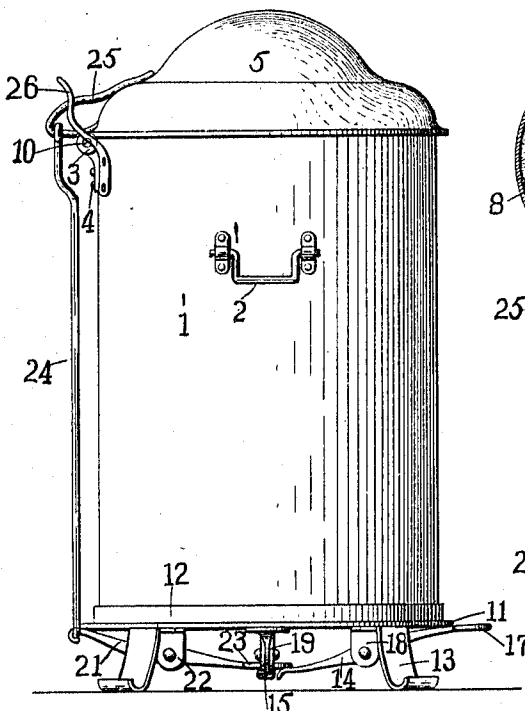


Fig. 2.

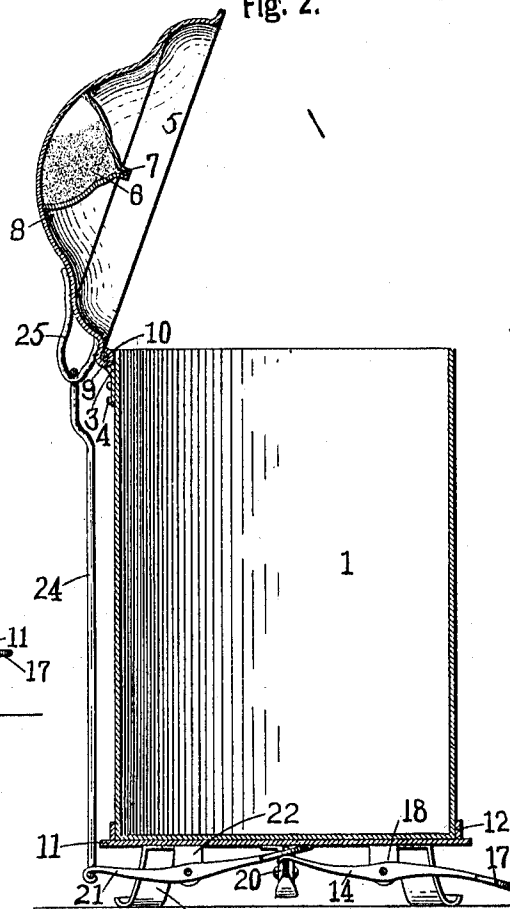


Fig. 3.

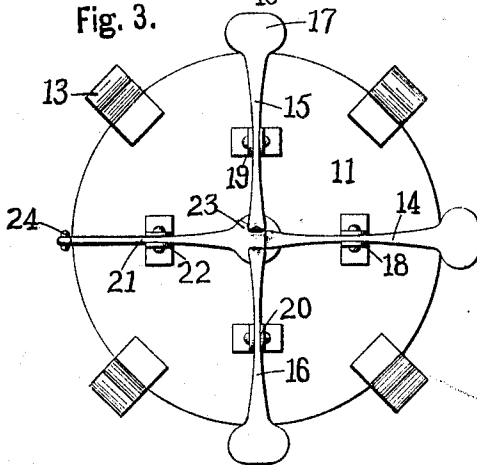
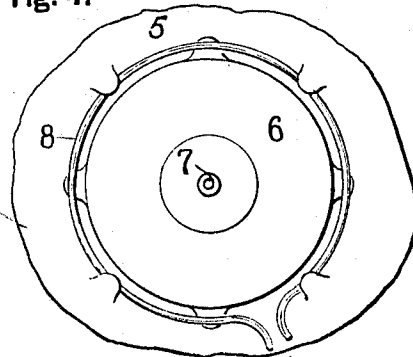


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

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GARBAGE-RECEPTACLE.

970,960.

Specification of Letters Patent. Patented Sept. 20, 1910.

Application filed December 30, 1909. Serial No. 535,648.

To all whom it may concern:

Be it known that I, WILLIAM E. SEYMOUR, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented a certain new and useful Improvement in Garbage-Receptacles, of which the following is a specification.

This invention relates to improvements in receptacles for the collection of garbage and the like and the object of the invention is to provide a comparatively simple and strong device of this character in which the cover may be easily opened and closed and the can itself may be quickly lifted from its supporting platform when desired.

The invention also relates to certain details of construction which will be hereinafter described and claimed reference being had to the accompanying drawings, in which:—

Figure 1 is a side elevation of the improved receptacle complete with the cover closed. Fig. 2 is a central vertical section through the receptacle with the cover open. Fig. 3 is a bottom view of the receptacle. Fig. 4 is an enlarged fragmentary bottom view of the cover to illustrate the manner of securing the container for disinfecting material to the cover by a spring ring.

In referring to the drawings in detail like numerals designate like parts.

The can or receptacle 1 is preferably constructed of sheet metal such as galvanized iron and is provided with a lifting handle or handles 2 and a hinge lug 3 which is secured by rivets 4 to the rear top margin of the can as shown in Figs. 1 and 2.

The cover 5 is of a dished or bulged out form as shown in Figs. 1 and 2 and a container for disinfecting material is constructed in the central portion thereof. The container is formed by securing a cup 6 against the interior of the cover and to provide for the gradual escape of the disinfecting material a spout 7 depends from the cup. The cup is detachably secured in place by a spring wire ring 8. The cover is provided with a hinge lug 9 and is removably hinged to the can by a hinge pintle 10 which is fitted through the eyes in the lugs 3 and 9. A support or base is provided upon which the can is detachably mounted. This support consists of a horizontal platform 11 having a top flange 12 which sur-

rounds the bottom of the can when in place and depending legs 13. The cover is arranged to be lifted to open the receptacle by means of a series of foot levers 14, 15 and 16 which are located at different points around the support so that it may be conveniently raised from either side or the front of the receptacle. The foot levers 14, 15 and 16 each have a projecting foot plate 17 which extends beyond the support so the foot of the operator may be conveniently placed thereon and each is pivoted at or near its middle to one of three depending lugs 18, 19 and 20. These levers are so arranged that they extend diametrically from a common center and a connecting lever 21 is pivoted near its center to another depending lug 22 and has a comparatively large flat plate 23 at its inner end against which the inner ends of all of the foot levers bear. The outer end of the lever 21 is connected by a long connecting rod 24 to a loop extension 25 of the cover. This rod serves not only to transmit the motion of the foot lever to the cover to elevate the same but also as the sole support for the cover when detached from the can. A curved spring strip 26 is attached to and projects up from the can and serves to limit the opening of the cover and to aid in returning the cover to a closed position.

The operation of the foot levers is as follows:—The operator's foot is placed on one of the foot plates 17 and being pressed downward moves the foot lever from the position shown in Fig. 1 to the position shown in Fig. 2. This elevates the inner end of the lever 21 and depresses its outer end drawing down on the connecting rod 24 and turning the cover on its hinge from a closed to an open position. When it is desired to remove the can from its support, the hinge pintle is withdrawn from the eyes in the hinge lugs thus disconnecting the cover from the can and the can is then easily lifted from the support by its handles. When the can is removed the cover hangs from and is supported solely by the connecting rod 24.

While three foot levers are shown in the accompanying drawings and herein described it will be understood that more or less than that number may be employed if desired. The main advantages of this invention reside in its strength and durability

and the ease in which the cover may be raised from either side or the front of the receptacle.

I claim—

5 1. In a garbage receptacle, the combination with a support or base, of a can mounted on said support, a cover hinged to said can, a foot lever pivoted to the support, a connecting lever pivoted to the support, said
10 foot lever having lapped engagement with said connecting lever, and a rod connected at its respective ends to the connecting lever and cover.

15 2. In a garbage receptacle, the combination of a base, a can on the base, a cover hinged to said can and having a lug thereon, a plurality of levers pivotally supported by the base, a connecting rod, one of said levers being connected to said cover by the con-
20 necting rod and having a flattened end, another of said levers having lapped engagement with said flattened end and having a foot-plate projecting laterally beyond said base.

25 3. In a garbage receptacle, the combination with a support or base, of a can detachably mounted on said support, a cover detachably hinged to said can, a lever pivoted to the support, a rod connecting said
30 lever to the cover and a series of diametrically extending foot levers arranged at angles to each other and pivoted to the support, all of said foot levers having their inner ends operatively engaging the inner
35 end of the first mentioned lever.

4. In a garbage receptacle, the combination of a base, a can on the base, a cover hinged to said can, lugs depending from the said base, a foot lever pivoted at an inter-
40 mediate point to one of said lugs and having

thereon a foot plate, a second lever pivoted to another of said lugs and having an end portion in lapping engagement with an end portion of the foot lever, said second lever
45 having an end projecting laterally outward from said base, and a rod connected at its upper end to the cover and at its lower end to the outer portion of the second lever.

5. The combination in a garbage receptacle comprising a base, and a can removable
50 from said base, of a cover removably pivoted to said can, a connecting lever pivoted to the base and having a flattened end, a rod connecting said cover and said lever, a foot lever pivoted to said base, said foot lever
55 coacting with said connecting lever and with said rod to raise the said cover.

6. In a garbage receptacle, the combination with a support or base, of a can detachably mounted on said support, a cover
60 detachably hinged to said can, a lever pivoted to the support, and having a flat plate at its inner end, a rod connecting the outer end of said lever to the cover, a series of foot levers arranged at angles to each other and
65 having projecting foot plates at their outer ends, the inner ends of the foot levers all being arranged to press against the flat plate of the first mentioned lever.

7. In a garbage receptacle, a base, a can
70 on said base, a lid on the can, a rod connected with the lid, and a multiplicity of levers pivotally mounted on said base, one of said levers coacting with the rod to actuate the lid, said lever having a flattened end
75 in contact with the other levers.

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