Jan. 12, 1943. S. C. STEVENS 2,308,398

REFUSE RECEPTACLE

Filed Dec. 7, 1940

Fig. 1

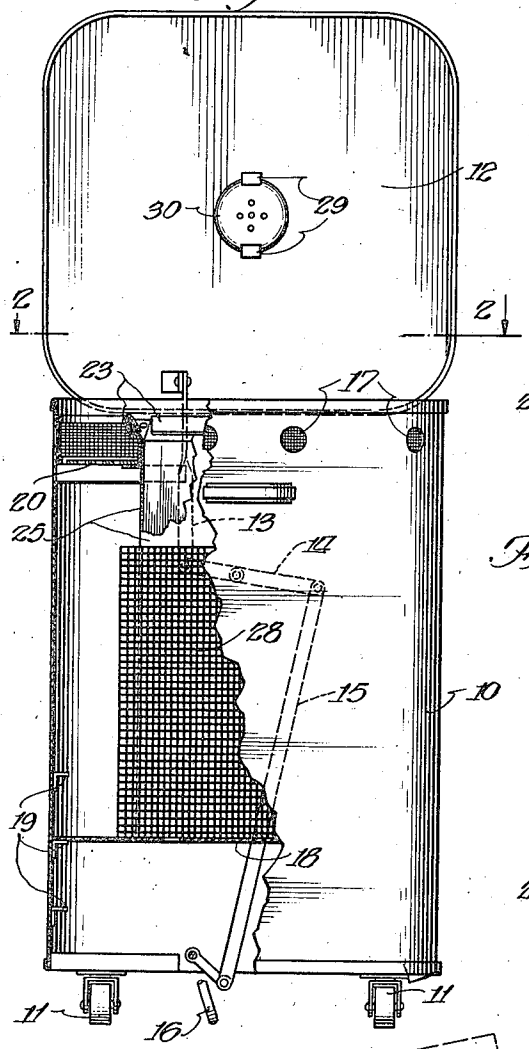


Fig. 2

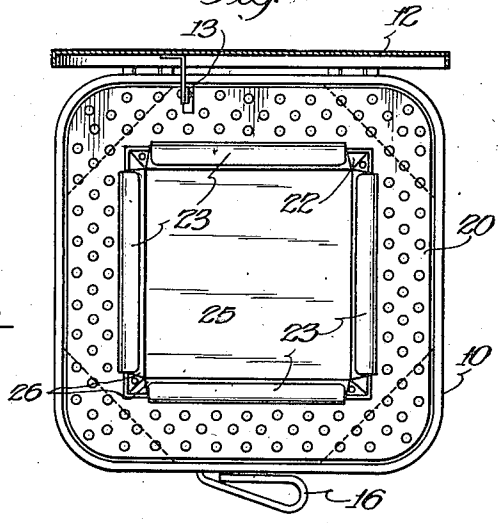
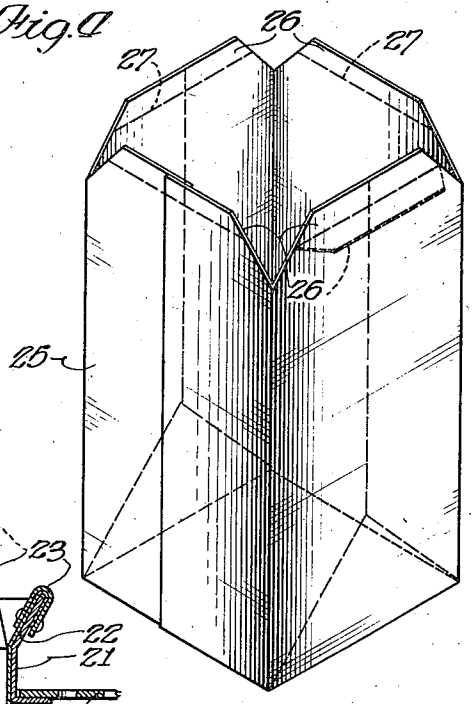


Fig. 4



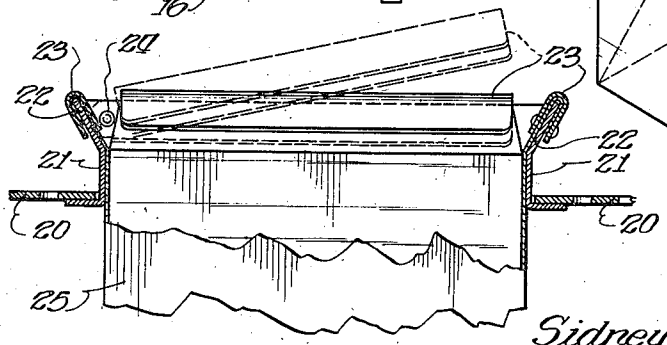


Fig. 3

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REFUSE RECEPTACLE

Sidney Cavers Stevens, Green Bay, Wis.

Application December 7, 1940, Serial No. 368,963

4 Claims. (Cl. 220—65)

The invention relates to improvements in refuse receptacles especially adapted for use in receiving and disposing of garbage or the like, with the primary object of the invention being the provision of an improved receptacle of the character indicated having improved means incorporated therein for readily disposing of the deposited refuse.

Other objects will appear hereinafter.

The invention consists of the combinations and arrangements of parts hereinafter described and claimed.

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

Fig. 1 is a front view, shown partially in section, of a refuse receptacle embodying the invention;

Fig. 2 a section taken substantially on line 2—2 of Fig. 1;

Fig. 3 an enlarged partial detailed section taken through the upper portion of the receptacle; and

Fig. 4 isometric view of a waterproof paper bag employed in the construction.

The embodiment of the invention illustrated in the drawing comprises a rectangular sheet metal enclosure 10 which is entirely open at the bottom and supported in elevated position by means of rollers or casters 11. The enclosure 10 is provided with an upwardly swinging lid or cover 12 adapted to fit over the top thereof and connected by a suitable link 13, lever 14 and link 15 with an operating foot pedal 16, for ready manipulations of said lid. At its upper portion the enclosure 10 is provided with screened openings 17 which, in conjunction with the elevated open bottom, permit of free circulation of air at all times without admitting flies to the deposited refuse.

A perforated support or other shelf 18 is arranged to traverse the lower portion of the enclosure 10, being adjustably supported therein upon ledges 19 provided at different heights in said enclosure. An upper perforated support 20 is removably arranged as indicated in the upper portion of the enclosure 10 and is provided with a central square opening surrounded by clamping bars 21. As best shown in Fig. 3, these clamping bars 21 have their upper portions bent or flared outwardly and upwardly as indicated. Clamps 23 which are in substantially U-form are pivoted at 24 to cooperate with the upper portions 22 to clamp bag flaps thereto as will be readily understood. A bag 25 of waterproof paper is provided at its top with securing flaps 26 which are centrally scored at 27 for folding over the clamping bar portions 22 when said bag is placed in position on the support 18 as will be readily understood. A basket 28 of wire mesh construction is positioned on the support 18 to enclose and reinforce the lower portion of the bag 25 as indicated. Suitable brackets 29 are arranged on the underside of the lid or cover 12 by means of which a receptacle 30 contains the controlled deodorant for obvious purposes.

In use a bag 25 is arranged as indicated in the enclosure and refuse material deposited therein in the usual way. When it is desired to empty the receptacle of the deposited material, the flaps 26 are released from the clamping bar portions 22 and the upper support 20 removed, whereupon the bag may also be readily removed and the contained material and bag disposed of as desired. By this arrangement refuse material such as garbage, may be conveniently and readily deposited and disposed of in a thoroughly sanitary way. The specific form and arrangement of parts is a simple and effective one for the purpose.

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

I claim:

1. A refuse receptacle comprising an enclosure; a support traversing the lower portion of said enclosure; a support traversing the upper portion of said enclosure and having a central rectilinear opening extending therethrough; straight clamping bars surrounding and projecting upwardly from said opening and terminating in free edges; substantially U-shaped clamps pivoted to and fitting over said bars to clamp the flaps of a bag thereto; and a bag of a height to rest on said support and having flaps at its top adapted to be folded over said bars and secured by said clamps.

2. The construction specified in claim 1 in which a basket is arranged on said lower support to enclose and reinforce said bag.

3. The construction specified in claim 1 in which the lower support is adjustable.

4. The construction specified in claim 1 in which the clamping bars are arranged to flare upwardly and outwardly.

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