R. PRIBIS.

GARBAGE RECEPTACLE.

APPLICATION FILED JULY 7, 1914.

1,130,535.

Patented Mar. 2, 1915.

Fig. 1.

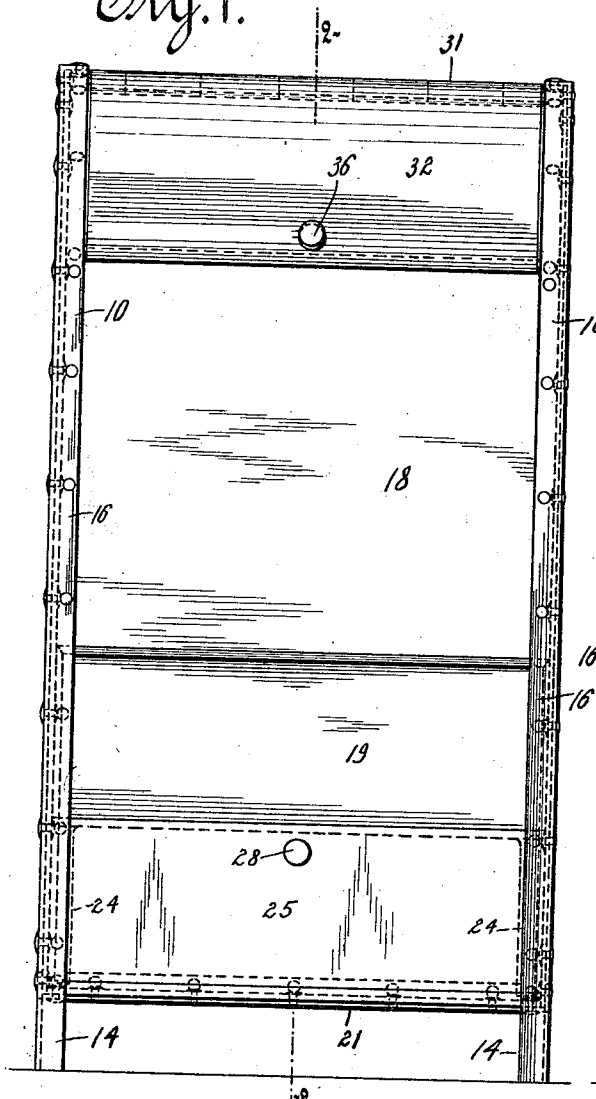


Fig. 2.

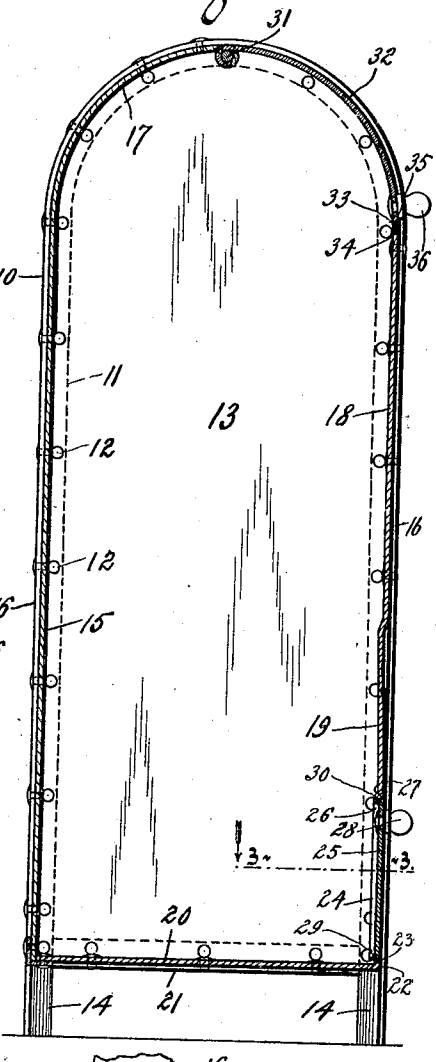


Fig. 3.

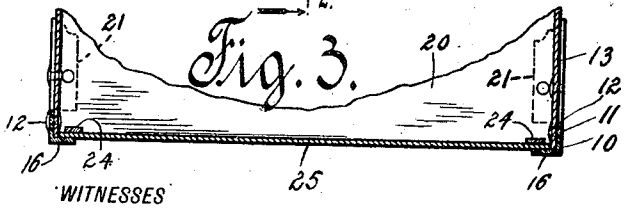
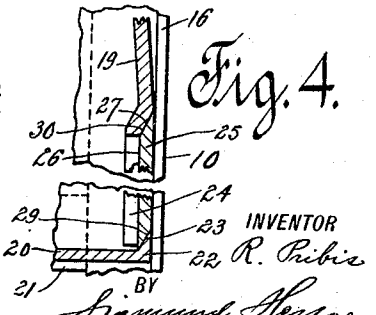


Fig. 4.



WITNESSES

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GARBAGE-RECEPTACLE.

1,130,535. Specification of Letters Patent. Patented Mar. 2, 1915.

Application filed July 7, 1914. Serial No. 849,530.

To all whom it may concern:

Be it known that I, RUDOLF PRIBIS, a subject of the King of Hungary, and a resident of the city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Garbage-Receptacles, of which the following is a specification.

The present invention relates to improvements in garbage receptacles.

One of the objects of this invention is to provide a garbage receptacle, that is made of sheet metal sections suitably secured together to form a fluid- and practically air-tight receptacle, means being provided whereby access can be had through the top and front of the receptacle, for the purpose of conveniently placing garbage therein and readily removing the same therefrom.

Another object of the invention is to construct a receptacle of the character specified, that can be manufactured on a commercial scale, or in other words one which is not so difficult to produce as to be beyond the reasonable cost of such a device.

With these and other objects in view, which will more fully appear as the nature of the invention is better understood, the same consists in the combination, arrangement and construction of parts hereinafter fully described, pointed out in the appended claims and illustrated in the accompanying drawings, it being understood that many changes may be made in the size and proportion of the several parts and details of construction within the scope of the appended claims without departing from the spirit or sacrificing any of the advantages of the invention.

One of the many possible embodiments of the invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a front elevation of a garbage receptacle constructed in accordance with the present invention; Fig. 2 is a section taken on line 2—2 of Fig. 1; Fig. 3 is a section taken on line 3—3 of Fig. 2; and Fig. 4 is a sectional view of a detail of construction.

The garbage receptacle, forming the subject matter of the present application for Letters Patent, has a semi-cylindrical top and comprises front, rear, side and bottom sections, which are secured together by angle-irons, the rear section having a curved upper portion that constitutes the rear half of the semi-cylindrical top, the front half of the top being made in the form of a curved lid which is hinged to said rear section and closes the receiving opening of said receptacle; between the lower edge of the front section and the top edge of the bottom section is located a discharge opening that is adapted to be closed by a sliding cover; the lower portion of said front section being set off to form a seat for said cover when the latter is in its open position, in combination with guideways for the cover, in the form of resilient members, for producing a fluid- and substantially air-tight closure.

Referring now more particularly to the drawings, the numerals 10, 10 indicate two angle-irons of inverted U-shape. To the legs 11 of these angle-irons are secured, for instance by rivets 12, the sides 13 of the receptacle, said sides conforming in shape to that of the angle-irons and stopping short of the lower ends of the latter, whereby the said lower ends, denoted in the drawings by the numerals 14, 14, form the supports of the receptacle. The rear wall 15 of the receptacle is riveted to the legs 16 of the angle-irons, its upper portion 17 being curved and extending to the highest point of said angle-irons, thereby forming the rear half of the top of the receptacle, said top being semi-cylindrical, as will hereinafter appear. The front wall 18 is hinged also to the legs 16 of the angle-irons. This front wall is provided with an inwardly offset portion 19 for a purpose hereinafter to be described. The bottom 20 is connected by means of angle-irons 21 with the rear wall and the sides of the receptacle, its front edge 22 being upturned and beveled at 23. With the offset portion 19 of the front wall are, preferably, made integral downwardly projecting guide strips 24, which are disposed in parallel relation to the legs 16 of the angle-irons and extend down substantially to the bottom 20. Both the offset portion 19 and the guide strips 24 are loose, or in other words they are not riveted to the angle-irons, thereby forming, in coöperation with the juxtaposed legs 16 of the angle-irons guideways for the cover 25 of a discharge opening 26, which is formed between the lower beveled edge 27 of the front wall and the beveled edge 23 of the upturned portion

22 of the bottom. The guide strips and the offset portion of the front wall are resilient or yielding by reason of their not being fastened to the angle-irons. A knob or handle 28 is attached in any convenient manner to the cover to facilitate the operation thereof. The lower edge 29 and the upper edge 30 of the cover are tapered in opposite directions and overlap the beveled edges of the upturned portion 22 of the bottom and of the front wall, respectively.

To the curved top portion 17 of the rear wall is hinged at 31 a curved lid 32 for closing a receiving opening 33, that is formed between the upper edge of the curved top section 17 and the upper beveled edge 34 of the front wall. The lower edge 35 of the lid is beveled and rests normally upon the said beveled edge 34. For swinging the lid around its hinge, a knob 36, or other suitable means, is attached to the said lid. The curved portion 17 of the rear wall and the lid 32 form the semi-cylindrical top of the receptacle.

Normally the cover 25 is in its closed position, the guide strips 24, which are resilient, holding the same against the legs 16 of the angle-irons and against the beveled edge of the upturned portion 22 of the top, the lower beveled edge of the front wall pressing against the top edge of said cover, thereby making a practically airtight closure and preventing also the liquid contents of the receptacle, that may collect therein, from escaping. The garbage is placed in the receptacle through the receiving opening, after which the lid 32 is closed, the latter being held by its own weight in contact with the front of the receptacle. The contents of the receptacle may be removed through the discharge opening by shifting the cover 25 upward, in which case it will be held between the offset portion 19 of the front end and the legs 16 of the angle-irons by friction. The upper beveled edge 30 of the cover in coöperation with the beveled edge 27 of the front of the receptacle guide the cover 25 into the offset portion 19, the latter being yielding, as above described. The contents of the receptacle may be removed by means of a scoop or shovel. After emptying the receptacle, the cover 25 is slid into its lower position, its downward movement being limited by the upturned portion 22 of the bottom.

What I claim is:—

1. A garbage receptacle having a semi-cylindrical top and comprising front, rear, side and bottom sections, means for securing together said sections, said rear section having a curved upper portion forming the rear half of said semi-cylindrical top, a curved lid constituting the front half of said semi-cylindrical top hinged to said rear section and contacting with the top edge of said front section for closing a receiving opening, a discharge opening being formed between the lower edge of said front section and the front edge of said bottom section, means for closing said discharge opening, and guideways including resilient strips made integral with said front section and coöperating with the closing means for said discharge opening.

2. A garbage receptacle having a semi-cylindrical top and comprising front, rear, side and bottom sections, means for securing together said sections, said rear section having a curved upper portion forming the rear half of said semi-cylindrical top, a curved lid constituting the front half of said semi-cylindrical top hinged to said rear section and contacting with the top edge of said front section for closing a receiving opening, a discharge opening being formed between the lower edge of said front section and the front edge of said bottom section, and means for closing said discharge opening, the lower portion of said front section being set off to form a seat for the closing means of said discharge opening when the latter is open.

3. A garbage receptacle having a semi-cylindrical top and comprising front, rear, side and bottom sections, means for securing together said sections, said means comprising angle-irons uniting said side sections to said front and rear sections, said rear section having a curved upper portion forming the rear half of said semi-cylindrical top, a curved lid constituting the front half of said semi-cylindrical top hinged to said rear section and contacting with the top edge of said front section for closing a receiving opening, a discharge opening being formed between the lower edge of said front section and the front edge of said bottom section, and means for closing said discharge opening, the lower portion of said front section being set off to form a seat for the closing means of said discharge opening when the latter is open.

Signed at New York, in the county of New York, and State of New York, this 22nd day of June, A. D. 1914.

RUDOLF PRIBIS.

Witnesses:
JOSEPH PRAGER,
FANNIE PRAGER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."