G. B. MARX.

ASH AND GARBAGE RECEPTACLE.

APPLICATION FILED SEPT. 12, 1910.

1,178,480. Patented Apr. 4, 1916.

Fig. 1,

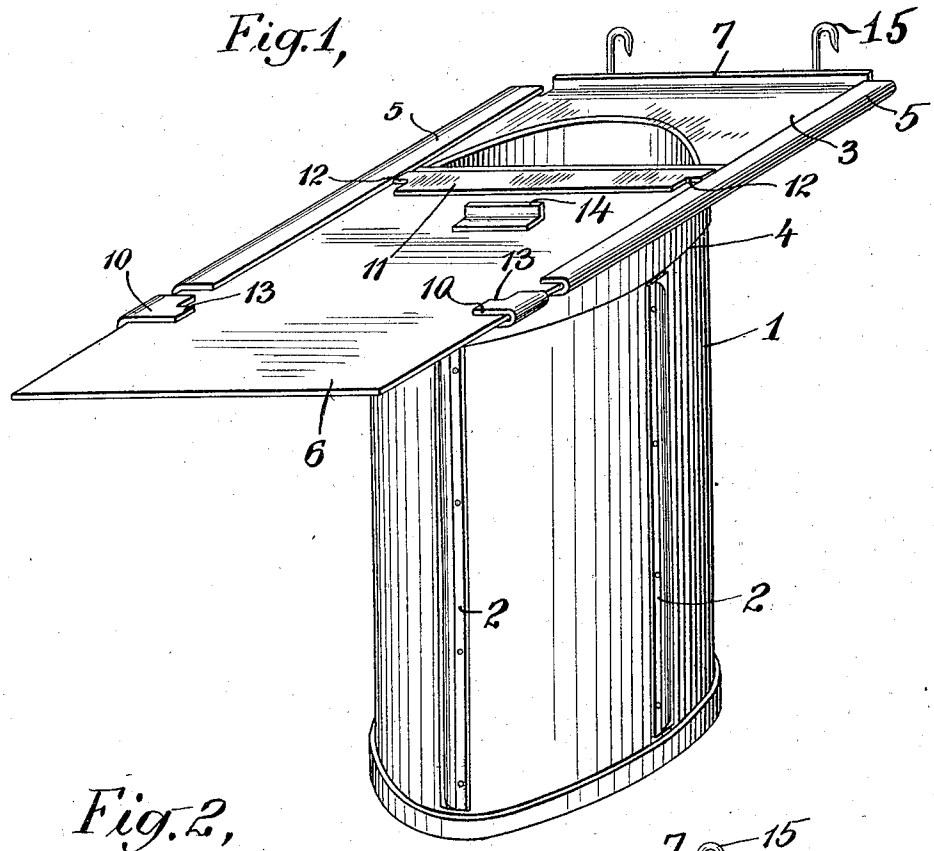
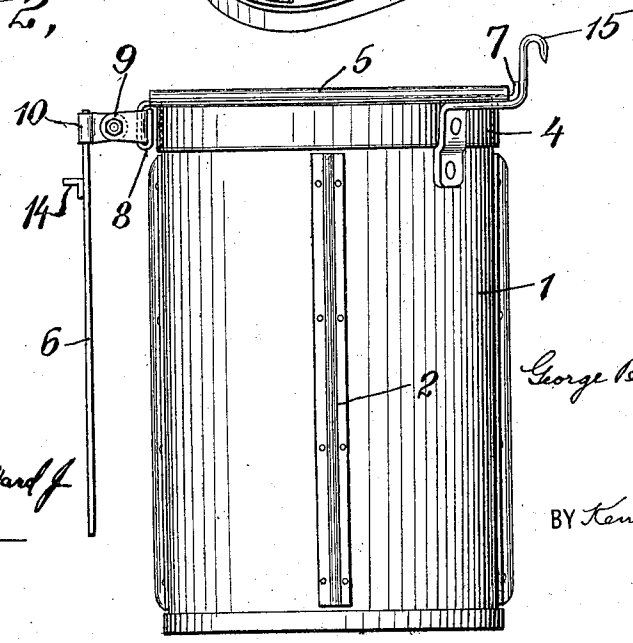


Fig. 2,



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ASH AND GARBAGE RECEPTACLE.

1,178,480. Specification of Letters Patent. Patented Apr. 4, 1916.

Application filed September 12, 1910. Serial No. 581,691.

To all whom it may concern:

Be it known that I, GEORGE B. MARX, a citizen of the United States, and a resident of New York city, borough of Manhattan, county and State of New York, have invented a new and useful Improvement in Ash and Garbage Receptacles, of which the following is a specification.

My invention relates to ash and garbage receptacles, and more particularly to ash and garbage receptacles such as are used in connection with dustless ash carts, and which are constructed and arranged to coöperate with covers to openings in the cart body in such a manner that the ashes may be dumped from the receptacle into the cart body, without allowing dust to escape into the air.

One of the objects of the invention is to provide a receptacle of this general type which is simple, durable, efficient and easily constructed.

Another object of the invention is to provide a receptacle of the above type the body portion of which is cylindrical and provided with a suitable sliding cover, and more particularly to provide the cylindrical body portion with a suitable flat sliding cover arranged and constructed so that it will coöperate with a suitable sliding cover on the cart body to permit the contents of the receptacle to be dumped into the cart body without allowing dust to escape into the air.

Other objects and advantages of the invention will appear from the following description taken in connection with the accompanying drawings in which—

Figure 1 is a perspective view illustrating the preferred form of my invention; and Fig. 2 is a side elevation of the same with the sliding cover swung down on its hinge out of position.

Referring to the drawings, 1 is a cylindrical can body made preferably from galvanized sheet iron which may be strengthened by any well known means such as vertical ribs 2. A flat rim or flange member 3, preferably of sheet iron, is secured at the top of the cylindrical body, preferably by means of a vertical flange 4 which is stamped up from the flat rim member 3 and fits snugly over the outside of the cylindrical body to which it is fastened in any suitable manner such as by rivets, crimping or welding. The parallel side edges of the rim member 3 are suitably shaped to form parallel guides or slideways 5 on which a rigid sliding cover 6, preferably made of sheet iron, is adapted to slide back and forth. The front end 7 of the rim member 3 is preferably bent up to form a forward stop for the sliding cover 6, while projecting strips from the rear of the rim member 3 are suitably bent to form eyes or stirrups 8 each of which carries a hinge member 9 pivoted thereto the outer leaf or strap of which is bent to form an auxiliary slideway 10 for the cover 6. The cover is provided with a vertically projecting rib or bar 11 having shoulders 12 which engage with corresponding shoulders 13 formed in the auxiliary slideways 10 to support the cover when it is withdrawn and swung down in the position shown in Fig. 2. The sliding cover 6 is also provided with a vertically projecting transverse rib 14 the purpose of which is to engage in a suitable recess or groove in the sliding cover to the cart-opening in order that the two covers may be moved simultaneously by a single operating means such as fully described in the co-pending application to Putzel and Marx, Serial No. 578,754, filed August 24th, 1910.

In order to swingingly support the receptacle on the body of the cart as shown and described in the above mentioned application, the receptacle is provided with two hooks 15 which are suitably secured adjacent the top of the receptacle and extend out laterally beyond the rim or flange member 3 and then bent upward so as to extend vertically above said rim, the hooks being so proportioned that the rim member 3 will lie flush upon the sliding cover to the opening in the body of the cart, as shown and described in said application.

While I have shown and described with particularity what I consider the best form of my invention now known to me, in which the parts are made of sheet metal, it is obvious that various changes in the construction and arrangement of parts may be made without departing from the spirit of my invention. Obviously, the rim or flange member 3 may be of any suitable shape or form and made from any suitable material. Also, the guides or slideways need not be made an integral part of the rim member 3, and may be formed of any suitable material and constructed and arranged on the rim member in any suitable manner so as to guide

the sliding cover 6 and hold it in position to close the receptacle when in an inverted position; and obviously the rim member 3 may be secured to or united with the body of the receptacle in any suitable manner instead of having the continuous vertical flange snugly fitting the body portion in the manner herein described. Also, the hinge members through which the cover slides and which support the cover in its vertical position, may be arranged in any suitable manner which will permit the cover to be withdrawn from the slideway and swung down out of position.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. In a garbage receptacle, the combination of a cylindrical body portion provided with a sliding cover adapted to slide over the top of the receptacle to close the same, and means pivoted for motion in respect to said body portion about an axis fixed relatively thereto for supporting said cover after it has been slid from over said top.

2. In a garbage receptacle, the combination of a cylindrical body member, a rigid sliding cover adapted to slide over the top of the receptacle to close the same, a flat supporting rim member having parallel guides for guiding the cover in its sliding movement, and a guide movable relatively to said first-named guide for supporting said cover after completion of such sliding movement.

3. In a garbage receptacle, the combination of a cylindrical body member, a rigid sliding cover adapted to slide over the top of the receptacle to close the same, a flat supporting rim member having parallel guides for guiding the cover in its sliding movement, and a guide pivoted to said body member for supporting said cover after completion of its sliding movement.

4. In a garbage receptacle, the combination of a cylindrical body member provided with a sliding cover, and means hinged with respect to the body portion and having sliding engagement with said cover, for permitting the cover to be swung down with its lower face adjacent said receptacle when the cover is moved to uncover said receptacle.

5. In a garbage receptacle, the combination of a cylindrical body member, a rigid sliding cover therefor, means on top of the body member for guiding the cover in its sliding movements, and means pivoted with respect to said body member and fixed against angular movement relatively to said cover for supporting said cover.

6. In a garbage receptacle, the combination of a cylindrical body member, a sliding cover, means on the receptacle guiding said cover in its sliding movements and holding it in position on the receptacle when the latter is inverted, and means pivoted to the receptacle and supporting said cover in line with said guiding means after it is drawn out from said guiding means.

7. In a garbage receptacle, the combination of a cylindrical body member, a sliding cover, a rim member having suitable means for guiding said cover and holding it in position when the receptacle is inverted, means hinged to the rim member and having sliding engagement with the cover to support the same when withdrawn from its guides and swung down out of position.

8. In a garbage receptacle, the combination of a cylindrical body member permanently closed at one end, a sliding cover for the other end, a flat rectangular rim member fitting on said cylindrical body member and secured thereto, parallel guides on opposite edges of the rim member and having sliding engagement with said cover to hold the same in position when the receptacle is inverted, and means for supporting and guiding said cover into said guides.

9. A garbage receptacle having a guide member pivotally mounted thereon, a cover sliding in said guide member for closing the receptacle, and a guide member fixed on said receptacle into which said pivotally mounted guide member is adapted to guide said cover.

10. In a garbage receptacle, the combination of a cylindrical body member, a flat rectangular rim member fitting over said cylindrical body and secured thereto by one or more flanges struck up from said rim, a flat cover for the receptacle having sliding engagement with said rim, guides for the sliding cover formed by bending two parallel edges of the rim and serving to hold the cover in position when the receptacle is inverted, a plurality of straps hinged to said rim member and slidingly engaging said cover thereby supporting the same when it is removed from said guides and swung down out of position.

11. In a garbage receptacle, the combination of a cylindrical body member, a flat rectangular rim member fitting over said cylindrical body and secured thereto by one or more flanges struck up from said rim, a flat cover for the receptacle having sliding engagement with said rim, guides for the sliding cover comprising two parallel edges of the rim and serving to hold the cover in position when the receptacle is inverted, a plurality of projections from said rim substantially in alinement and at the rear of said guides, and means hinged to each of said projections and supporting the cover when it is withdrawn from said guides.

12. In a garbage receptacle, the combination of a cylindrical body member, a flat rectangular rim member having a vertical flange fitting around said cylindrical member and secured thereto, a cover for the re-

ceptacle slidingly engaging said rim member, two parallel edges of the rim member having guides formed thereat for engaging the sliding cover and serving to hold the same in position when the receptacle is inverted, and means hingedly supporting said sliding cover from the rim when the cover is withdrawn from its guides and swung down out of position.

13. In a garbage receptacle or the like, a body portion having curved sides and one end permanently closed, a sliding cover for the other end of the receptacle, and means pivotally mounted with respect to said body portion for guiding said cover in its linear movement and holding it in position when the receptacle is inverted and during said linear movement.

14. In a garbage receptacle or the like, a body portion having curved sides, a rigid sliding cover for the top of the receptacle, means for guiding said cover in its linear movement and holding it in position when the receptacle is inverted and during said linear movement, and means pivotally mounted with respect to said body portion for permitting said cover to swing downwardly beside the body portion when the cover is moved to uncover the body portion.

15. In a garbage receptacle or the like, a cylindrical body portion, a rigid sliding cover having linear movement over the top of the body portion to close the receptacle, means for guiding said cover in its linear movement and holding it in position during said linear movement when the receptacle is inverted and until the top of the receptacle has been substantially opened, and means for permitting said cover to swing downwardly beside the body portion when the body portion is in its upright position and when the cover has been drawn substantially to the end of its linear movement.

16. In a garbage receptacle or the like, a portion having curved sides, a rigid sliding cover having linear movement over the top of said body portion to open and close the receptacle, means rigid with the body portion for guiding said cover in its linear movement and holding it in position during said linear movement when the receptacle is inverted and until the receptacle has been opened and the cover substantially reaches the end of its linear movement, and means pivotally mounted with respect to said body portion whereby said cover may be permitted to swing downwardly beside the body portion when the body portion is in its upright position and when the cover has been drawn substantially to the end of its linear movement.

17. A garbage receptacle having a guide member pivotally mounted thereon and a cover sliding in said guide member for closing the receptacle and means fixed relatively to said receptacle and coöperating with said cover to prevent angular movement thereof relative to said receptacle during the sliding movement.

18. In a garbage receptacle or the like, a cylindrical body portion, a rigid sliding cover having linear movement over the top of the body portion to close the receptacle, means for guiding said cover in its linear movement and holding it in position during its linear movement when the receptacle is inverted and until the top of the receptacle has been substantially opened, and means supporting said cover to swing downwardly as a whole beside the body portion about an axis fixed relatively to said body portion when the body portion is in its upright position and when the cover has been drawn substantially to the end of its linear movement.

19. In a hollow receptacle, the combination of a cylindrical body member, a guide fixed relatively thereto, a guide pivoted thereto, and a sliding cover adapted to slide in said guides whereby said cover is held against swinging motion relatively to said receptacle during part of its sliding movement.

20. A garbage receptacle having a guide member pivoted thereon, a second guide member fixed relatively to the receptacle and a sliding cover for said receptacle cooperating with said guide members whereby angular movement of the cover is prevented until the receptacle has been uncovered, the path of said sliding cover being unobstructed in a direction perpendicular to the pivotal axis of the guide.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

GEORGE B. MARX.

Witnesses:
CHAS. PUTZEL,
SAMUEL M. WARD, JR.