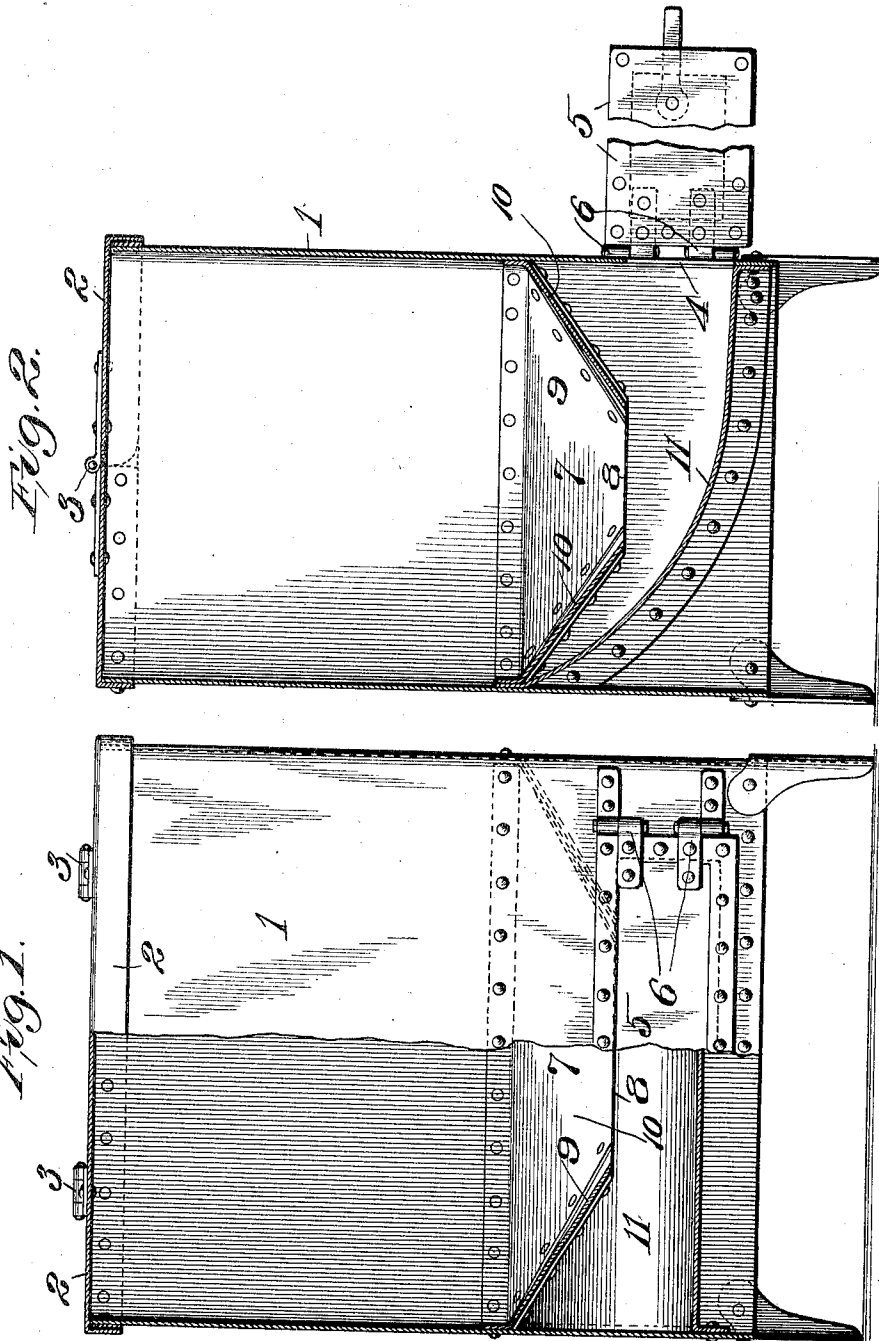


M. M. DE GRODY.
WASTE RECEPTACLE.
APPLICATION FILED JULY 5, 1911.

1,037,174.

Patented Aug. 27, 1912.



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UNITED STATES PATENT OFFICE.

MARTIN M. DE GRODY, OF ST. LOUIS, MISSOURI.

WASTE-RECEPTACLE.

1,037,174.

Specification of Letters Patent. Patented Aug. 27, 1912.

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To all whom it may concern:

Be it known that I, MARTIN M. DE GRODY, a citizen of the United States, residing in the city of St. Louis and State of Missouri, have invented new and useful Improvements in Waste-Receptacles, of which the following is a specification.

This invention relates to certain new and useful improvements in receptacles for waste, and is particularly adapted for the reception of ashes.

The principal objects of the invention are to provide a receptacle of this character with means located above the plane of the door opening for partly supporting the weight of the contents, and for discharging the contents centrally of the base; and in providing a base for the reception of the ashes, or other material, which is inclined from the rear downwardly to the plane of the lower edge of the door opening so that said base tends to throw the material falling thereon outward toward the door opening, and under any circumstances facilitates the removal of the contents with a shovel.

The receptacle is made of metal, and the joints and other connections are preferably made by riveting, so that refuse such as paper, and the like, may be burned therein without harm to the receptacle.

The invention is illustrated in the accompanying drawing, in which—

Figure 1 is a front view, partly in elevation and partly in section, showing a receptacle constructed according to my invention; and Fig. 2 is a cross sectional view of the same.

Referring now to the drawing, the numeral 1 indicates the body of the receptacle, which is preferably rectangular in shape, and is provided at its top with an opening closed by a lid 2, hinged to the receptacle, as at 3. In the front of the receptacle at the lower end there is provided an opening 4, preferably rectangular in shape, and closed by a door 5, hinged to the receptacle as indicated at 6. Within the receptacle toward its lower end I mount a hopper 7, having in its lower end an opening 8, the ends 9 and sides 10 of the said hopper being inclined inwardly and downwardly from the sides and ends of the receptacle, as clearly shown in the figures. The discharge open-

ing 8 of the hopper is located substantially in the plane of the upper edge of the opening 4 of the receptacle so that it will leave sufficient clearance space above the base for passing a shovel through the opening 4 and removing the ashes contained on such shovel without interference. Beneath the lower end of the hopper I mount an inclined base 11, which preferably extends from the upper end of the hopper at the rear of the receptacle to the lower edge of the opening 4 and from end to end of the receptacle. The base 11 is preferably curved, as shown, and, as stated above, this base, by its inclination, tends to throw the ashes deposited on it toward the front of the receptacle whence they can readily be removed by a shovel through the opening 4. The hopper 7, through the inclination of its walls, will discharge the ashes practically in the center of the base 11, and in the case of the receptacle being substantially full of ashes it will be much easier to remove the ashes by shoveling than if such hopper were not present, for the reason that the hopper supports, to a large extent, the body of material above it so that the material on the base 11 will not be so compact, and thus may be more easily got in position on the shovel; furthermore, the great mass of material being practically supported by the hopper the operator does not have to contend with the weight of the whole mass of ashes in the receptacle in forcing the shovel through or under the ashes on the base 11. By inclining or curving the base, as shown, the edge of the shovel will hug the base as the shovel is pushed back into the receptacle, and thus the shovel will pass under the ashes, instead of through them, making the act of shoveling much easier.

I claim:

In a waste receptacle, the combination with a body having an exit opening in the lower portion of its front wall, of an inclined bottom extending inwardly in a straight plane from the lower edge of the opening to substantially the center of the receptacle and thence being curved upward and terminating against the rear wall of the receptacle at a point above the plane of the exit opening, and a hopper located in the lower end of the body adapted to receive the contents thereof, said hopper extending

downwardly and centrally from the four
walls of the body and opening downwardly
at a point above said bottom and centrally
thereof and substantially in the plane of the
5 upper edge of the exit opening and adapted
to deposit the contents of the body upon the
central portion of the bottom.

In testimony whereof, I have hereunto set
my hand in presence of two subscribing wit-
nesses.

MARTIN M. DE GRODY.

Witnesses:

BRUCE S. ELLIOTT,
JAMES E. BAKER.

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