

L. F. WINTER.  
Ash-Can Receptacles.

No. 161,316.

Patented March 23, 1875.

FIG. 1.

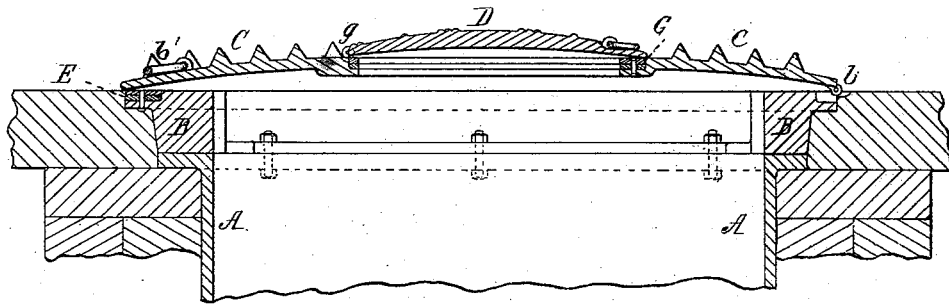
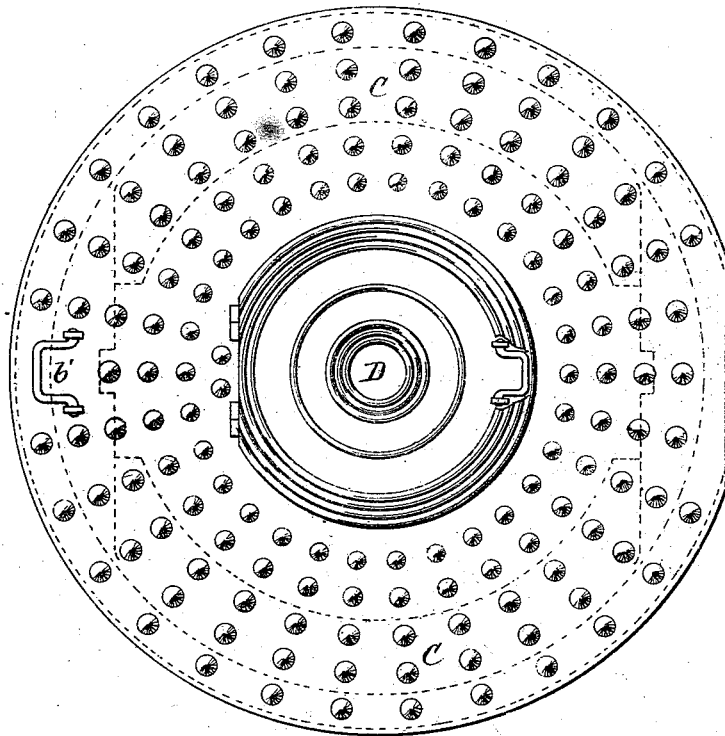


FIG. 2.



WITNESSES

*Boyd Elliot*  
*Joseph H. Madden*

*Louis F. Winter*

INVENTOR.

# UNITED STATES PATENT OFFICE.

LOUIS F. WINTER, OF NEW YORK; N. Y., ASSIGNOR OF ONE-HALF HIS  
RIGHT TO MICHAEL MADDEN, OF SAME PLACE.

## IMPROVEMENT IN ASH-CAN RECEPTACLES.

Specification forming part of Letters Patent No. 161,316, dated March 23, 1875; application filed  
December 4, 1874.

*To all whom it may concern:*

Be it known that I, LOUIS F. WINTER, of the city, county, and State of New York, have invented certain Improvements in Ash-Can Receptacles, of which the following is a specification:

This invention pertains to those devices used for the reception of ashes, garbage, &c., left on the sidewalk for the street-scavengers to collect; and this invention consists in certain improvements in the covers for ash-can receptacles as patented to Louis Greenbaum and myself, dated August 4, 1874, as will hereafter appear.

Figure 1 is a diametrical section of the invention. Fig. 2 is a plan or top view of the same.

At A is represented the iron receptacle, which has already been explained in the above patent already referred to, and therefore needs no further explanation. Upon its upper end is fastened the rim B, which serves as a support for the covers shown at C and D. Said rim B is fastened upon the receptacle by bolts, or in any other suitable manner, or is simply set thereon in a recess formed in the pavement, as here shown. Upon its upper end, and preferably on or near the outer edge of its flange, is formed a recess, as shown at E, in which is inserted or laid a fillet of zinc or alloy of zinc, which serves as a cushion or gasket upon which the cover C rests when closed. Said cover C is formed of cast-iron or of any substance used for covering coal-chutes, &c., in the pavements or sidewalks of the streets, and may be either set thereon or hinged to one edge of the rim B, as shown at b, and may be provided with a ring or handle at the opposite edge, to raise it, as at b', and the upper surface of said cover may be furnished with spikelets, as shown in the drawings, and as in common use at the present

time. Said cover C serves to close the entire receptacle, and need only be opened when the bucket is to be lifted from it for emptying it; but at D, in the center thereupon, there is another cover of less diameter, which may be easily opened by any one capable of carrying a small vessel of ashes, and the use of which will prevent the ashes or garbage from being spilled outside of the can and into the receptacle A. Said small cover D is also fitted on the cover C in the same manner as the large cover is fitted on the rim B—that is, a gasket of zinc is laid in a recess, as shown at G, in the large cover, and upon which the small cover rests when closed, and the small cover is hinged thereon, as shown at g, and it is provided with a ring or handle for opening it.

The purpose of providing said covers with the gaskets or supports of zinc is to prevent the covers from freezing to their seats, as it is found that zinc or its equivalent produces a chemical action which in cold weather prevents ice from forming between it and the iron covers. Said zinc gaskets may also rest upon strips of rubber or other elastic substance to form a cushion, and also a closer joint between the two; but this is not essential.

I therefore claim—

1. In combination with the covers for ash-can receptacles, as described, a gasket of zinc or a zinc support for the purpose of preventing freezing, substantially as described.

2. In combination with the cover C, a central cover, D, as and for the purposes set forth.

LOUIS F. WINTER.

Witnesses:

BOYD ELIOT,  
JOSEPH H. FADDEN.