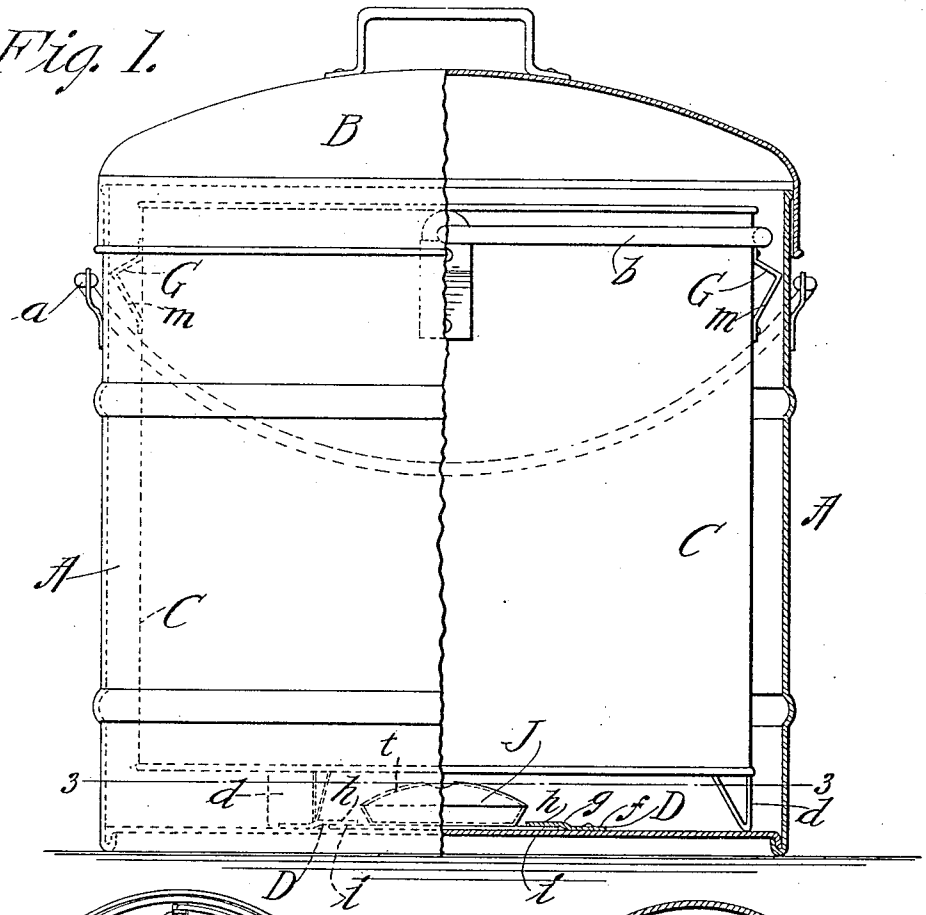
J. H. BROWN.

GARBAGE CAN.

APPLICATION FILED MAR. 29, 1915.

1,163,389. Patented Dec. 7, 1915.

Fig. 1.



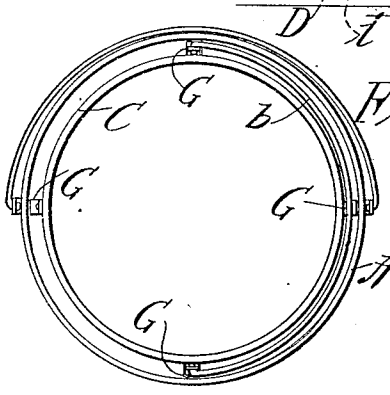


Fig. 2.

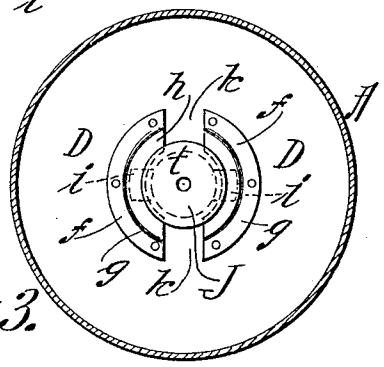


Fig. 3.

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GARBAGE-CAN.

1,163,389. Specification of Letters Patent. Patented Dec. 7, 1915.

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To all whom it may concern:

Be it known that I, JOHN H. BROWN, a citizen of the United States of America, and resident of Springfield, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in Garbage-Cans, of which the following is a full, clear, and exact description.

This invention relates to improvements in garbage containing and disinfecting apparatus of a kind in which the garbage, offal or other refuse is contained in an upwardly open can which is inclosed within a larger can having a cover therefor, so that there is an annular space between the walls of the outer and inner cans as well as a space between the bottoms of the two cans, which latter space is insured by the supporting of the inner can with its bottom suitably above that of the outer can.

The objects of the invention are to provide means located under the bottom of the inner can for containing a disinfectant, the fumes, vapors or gases of which are free for dissemination upwardly around the inner can and have entrance into the latter at the open top thereof,—such disinfectant container preferably having means for the detachable confinement thereof centrally and upon the bottom of the outer can.

Other objects of the invention are attained in and by the subject matter thereof which is described in conjunction with the accompanying drawings and is set forth in the claims.

In the drawings:—Figure 1 is a sectional elevation of my improved garbage containing and disinfecting apparatus. Fig. 2 is a plan view, on a smaller scale, of the same, the cover for the outer can being understood as removed. Fig. 3 is a horizontal sectional view, also on the smaller scale, as taken on line 3—3, Fig. 1, or as would be seen with the inner can removed.

In the drawings, A represents an outer can provided with a bail or carrying handle *a* and provided with a tightly closing cover B.

C represents another can of smaller diameter than the one A, within the latter and having an open top. The can C is provided with a bail or handle *b* for lifting it with the accumulated garbage therein, out from the larger can and for convenience in carrying it.

The garbage containing can C has feet *d d* whereby it is supported with its bottom above the bottom of the outer can whereby there is a space between the bottoms of the two cans in addition to the annular space between the upright walls of the cans.

The outer can A has concentrically of its bottom opposed and spaced approximately semi-circular plates D D, the outer marginal portions *f* of which rest on and are riveted or otherwise secured to the can bottom, while their intermediate portions *g* are upwardly bent and their inner marginal arc shaped portions *h* are turned parallel with and in separation from the bottom of the can A.

J represents a receptacle for a disinfectant, supported and detachably confined on the bottom of the outer can, under the inner can, spaced from the bottom of the inner can, and having at its bottom oppositely outwardly extended flat members *i i* adapted for detachable engagement under the inwardly turned or offset marginal portions of said opposed plates D D. The receptacle for the disinfectant is, therefore, always held in its proper place centrally in relation to the cans, and yet when desired, it is readily removable by the action of partially rotating it so that its flat outwardly projecting members *i i* are alined with the length of the space *k* between the opposed plates D D, whereupon the receptacle is free and may be lifted out of the can,—the restoration of the receptacle to and in its confined position being accomplished by a reversal of the described operation.

As the garbage containing inner can is to be removed and replaced in the covered can with comparative frequency, and inasmuch as it is desirable that the inner can shall be concentric within the inclosing can, the inner can is provided with centralizing means consisting of outwardly extending members G G, practically composed of thin flat metal, riveted or otherwise secured at different points around the can wall and having portions *m* downwardly inclined from upper portions thereof to their junction with the can wall. These centralizing members G having the outwardly bent form, as clearly shown in Fig. 1, may be secured on the sides of the can C at any suitable point in the height thereof by rivets or soldering.

By having means for centralizing the inner can in its entrance into the outer one and having means for the confinement of

the disinfectant receptacle centrally within and at the bottom of the outer can, there can be no engagement, as would be undesirable, of the feet of the can with the disinfectant receptacle; and, moreover, by having such receptacle made with a top *t* nearly closing it, but having a central opening therein, in case the can should receive a sudden jar the liquid disinfectant cannot be spilled from its container.

The garbage containing and disinfecting apparatus described and shown is one which manifestly is of simple and inexpensive construction, and while, therefore, devoid of complicated features and devices is serviceable and efficient for its intended use.

I claim:—

1. A garbage containing and disinfecting apparatus consisting of a can having a cover therefor, and having concentrically of its bottom opposed and spaced approximately semi-circular plates, the outer marginal portions of which rest on and are secured to the can bottom while their intermediate portions are upwardly bent and their inner marginal are shaped portions turned parallel with the bottom of the can, another can of smaller diameter than the first can, within such can, open at its top, and having means for supporting it with its bottom above that of the first can whereby there is a space between the bottoms of the two cans in addition to an annular space between the upright walls of the cans, and an upwardly open receptacle for disinfectant supported on the bottom of the outer can, under the inner can, having the top thereof spaced from the bottom of the inner can, and having at its bottom, oppositely extended flat members adapted for detachable engagement under the inwardly turned marginal portions of said opposed plates.

2. A garbage containing and disinfecting apparatus consisting of a can having a cover therefor, another can of smaller diameter than the first can, within such can, open at its top, having means for supporting it with its bottom above that of the first can whereby there is a space between the bottoms of the two cans in addition to an annular space between the upright walls of the cans, and having, located at different points around its wall, outwardly extending centralizing members which, from upper portions thereof, are downwardly inclined to their junction with the can wall, and an upwardly open receptacle for disinfectant supported on the bottom of the outer can under the inner can, and having the top thereof spaced from the bottom of the inner can.

3. A garbage containing and disinfecting apparatus consisting of a can having a cover therefor, and having concentrically of its bottom opposed and spaced approximately semicircular plates, the outer marginal portions of which rest on and are secured to the can bottom while their intermediate portions are upwardly bent and their inner marginal are shaped portions turned parallel with the bottom of the can, another can of smaller diameter than the first can, within such can, open at its top, having feet for supporting it with its bottom above that of the first can whereby there is a space between the bottoms of the two cans in addition to an annular space between the upright walls of the cans, and having outwardly extending members for centralizing it in the outer can, and an upwardly open receptacle for disinfectant supported on the bottom of the outer can under the inner can, having the top thereof spaced from the bottom of the inner can, and having at its bottom, oppositely extending flat members adapted for detachable engagement under the inwardly turned marginal portions of said opposed plates.

Signed by me at Springfield, Mass., in presence of a subscribing witness.

JOHN H. BROWN.

Witness:
WM. S. BELLOWS.

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