V. G. FERNANDEZ.

TWO-IN-ONE GARBAGE CAN.

APPLICATION FILED OCT. 21, 1920.

1,382,634. Patented June 28, 1921.

Fig. 1.

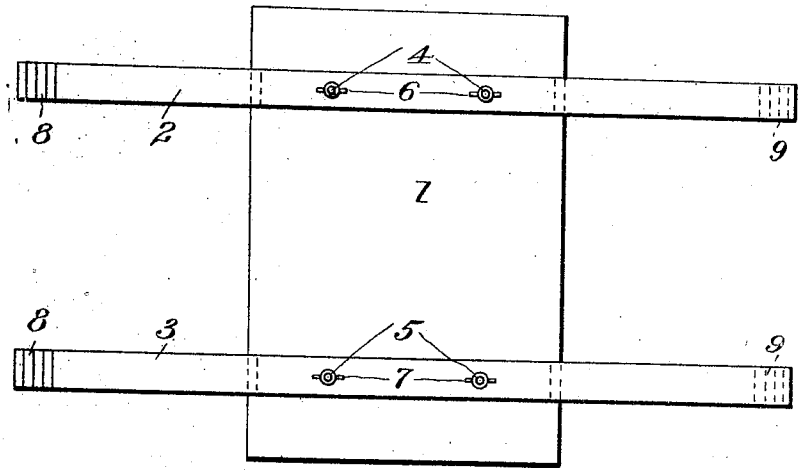


Fig. 2.

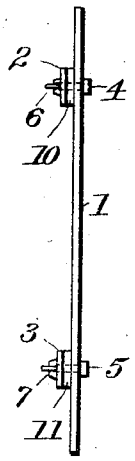


Fig. 3.

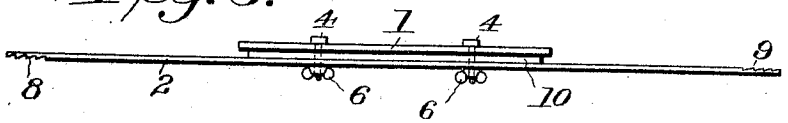


Fig. 4.

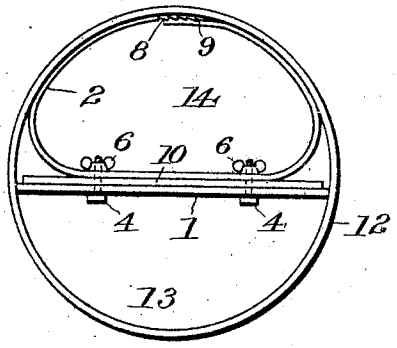
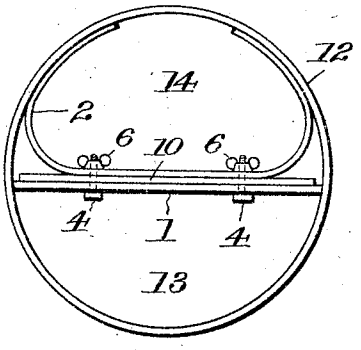


Fig. 5.



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TWO-IN-ONE GARBAGE-CAN.

1,382,634. Specification of Letters Patent. Patented June 28, 1921.

Application filed October 21, 1920. Serial No. 418,529.

To all whom it may concern:

Be it known that I, VICTOR G. FERNANDEZ, a citizen of the United States, and resident of New York, in the county of Bronx and State of New York, have invented certain new and useful Improvements in Two-In-One Garbage-Cans, of which the following is a full, clear, and exact specification.

This invention relates to garbage or other cans or receptacles, and has for its object to provide improved and simplified means for dividing such a can or receptacle into separate compartments suitable for holding garbage and trash, or anything else that may be desired.

The invention contemplates the provision of a partition which may be placed in a can or receptacle for dividing the same into separate compartments on opposite sides of said partition. Means for retaining the partition firmly in place are attached to and carried by the partition so that it is not necessary to modify the construction of the can or receptacle at all to receive the partition. The retaining or holding means are preferably made resilient in order to hold the partition firmly in place in different sizes and shapes of receptacles or cans, and permit it to be readily removed for cleaning or other purposes.

The invention will be first hereinafter described in connection with the accompanying drawings, which constitute part of this specification, and then more specifically defined in the claims at the end of the description.

In the accompanying drawings, wherein similar reference characters are used to designate corresponding parts throughout the several views:—

Figure 1 is an elevation of a partition equipped with resilient or spring arms for holding it in place in a receptacle or can as contemplated by this invention.

Fig. 2 is an edge view of the same.

Fig. 3 is a plan view thereof.

Fig. 4 is a plan view of a cylindrical receptacle showing the partition in place therein, and

Fig. 5 is a similar view of a receptacle fitted with a partition equipped with a modified form of spring arms.

The partition 1 may be made of any suitable material of desired dimensions and has one or more spring strips secured transversely thereto with their end portions projecting beyond one or both edges thereof. As shown in the drawings, the partition is fitted with two such spring strips 2 and 3 which are secured by means of bolts 4 and 5 passed through both the partition and the individual strips and held by thumb nuts 6 and 7. Reinforcing or stiffening strips 10 and 11 may be placed between said spring strips 2 and 3, respectively, and the partition to prevent the latter from bending or buckling under the pressure exerted by the spring arms when placed in a receptacle 12 as shown in Figs. 4 and 5.

When placed in a receptacle the projecting portions or arms of the spring strips 2 and 3 are bent or bowed toward each other so as to engage and substantially conform to the inner surface of the walls of said receptacle, and the tension in said arms when thus bent or bowed is sufficient to press them firmly against said walls and hold the partition rigidly in place in the receptacle thus dividing it into separate compartments 13 and 14 adapted to hold different things. It will be noted that the spring arms hug the walls of the receptacle closely and do not materially reduce the space in said compartment 14 in which they are arranged or interfere with the filling or emptying of said compartment.

As shown in Figs. 1, 3 and 4, the arms may be made long enough to overlap when placed in the receptacle, and said overlapping end portions of the arms or spring strips may be serrated or notched to engage each other, as at 8 and 9 for holding said ends firmly in place against accidental removal from the receptacle. The serrations may be in the form of transverse teeth, as shown, which interengage with one another, or of any other suitable formation.

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

1. The combination with a rigid flat partition for receptacles, of spring arms attached to said partition and projecting from the edges thereof and adapted to be bowed for frictional engagement with the inner faces of the walls of the receptacle to retain the partition therein.

2. The combination with a rigid flat partition for receptacles, of a strip of spring material having its middle portion secured to the partition and its end portion projecting beyond the edges thereof and adapted to

be bowed for frictionally engaging the inner faces of the walls of the receptacle to retain the partition therein.

3. The combination with a rigid flat partition for receptacles, of narrow spring strips having their middle portions secured to the partition near its ends, the end portions of the strips projecting beyond the edges of the partition and adapted to be bowed for frictionally engaging the inner faces of the walls of said receptacle to retain the partition therein.

4. The combination with a rigid flat partition for receptacles, of a spring strip secured to the partition and having an end portion projecting beyond the edge thereof for engaging the inner face of the walls of the receptacle to retain the partition therein, and a stiffening strip between said spring strip and the partition for the purpose specified.

5. The combination with a removable partition for receptacles, of a spring strip detachably secured to the partition permitting it to be shipped in knockdown condition, the end portion of said strip projecting a considerable distance beyond the edge of the partition when attached thereto and adapted to be bowed for frictionally engaging the inner face of the walls of the receptacle to retain the partition therein.

6. The combination with a removable partition for receptacles, of a spring strip having its middle portion secured to the partition and its end portions projecting beyond the edges of said partition and adapted to be bowed to engage and conform to the inner face of the walls of the receptacle for retaining the partition therein, said end portions of the spring strip being adapted to overlap when bowed and having serrations adapted to interengage with one another for the purpose specified.

In testimony whereof I have signed my name to this specification.

VICTOR G. FERNANDEZ.