

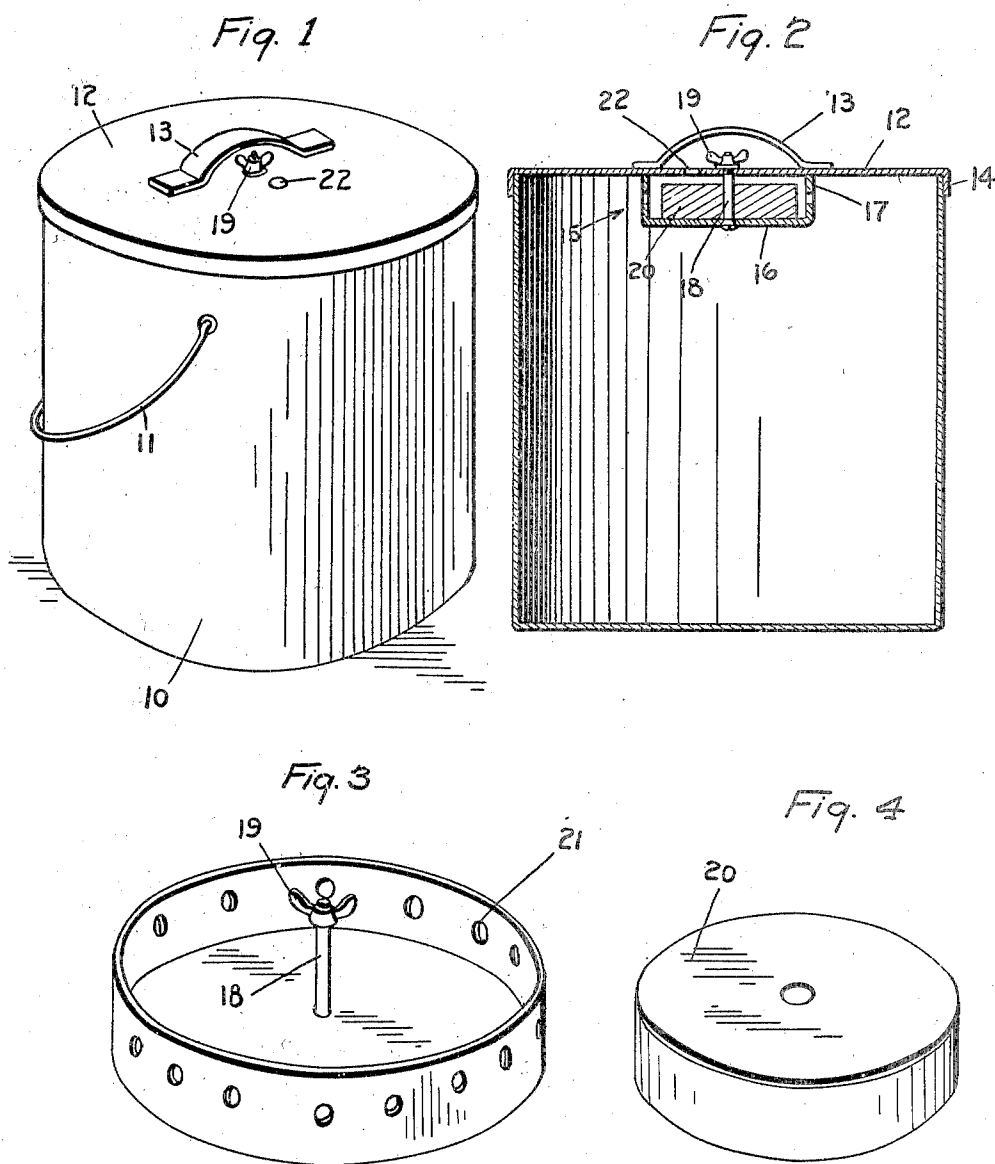
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SANITARY GARBAGE CAN

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UNITED STATES PATENT OFFICE.

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SANITARY GARBAGE CAN.

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This invention relates to improvements in garbage cans and similar receptacles.

A primary object of the invention is to provide an improved garbage can with which is associated a container having communication with the interior of the garbage can, which container is adapted to receive a strong disinfectant for killing all low animal life which may be in and around the garbage can and which will keep flies, cats and other animals and insects away from the garbage can. The disinfectant is also capable of greatly retarding the decomposition of material placed in the garbage can so that no bad odors will escape therefrom.

With the foregoing and other objects in view which will be made manifest in the following detailed description and specifically pointed out in the appended claim, reference is had to the accompanying drawings for an illustrative embodiment of the invention, wherein:

Figure 1 is a perspective view of the improved garbage can;

Fig. 2 is a vertical section taken through the same;

Fig. 3 is a perspective view of the cup or container which is adapted to be applied to the cover of the garbage can and which holds the disinfectant; and

Fig. 4 is a perspective view of the felt or absorbent material adapted to absorb the disinfectant which is placed in the cup or container shown in Fig. 3.

Referring to the accompanying drawings wherein similar reference characters designate similar parts throughout, 10 designates the conventional body of a garbage can or similar receptacle which may be provided with the ordinary bail 11. A cover 12 having a handle 13 is adapted to cover the body 10 and, as usual, is provided with the depending telescopic flanges 14.

Upon the under side of the cover 12 there is arranged a cup-like container, generally designated at 15, having a bottom 16 and upstanding side walls 17, the upper edges of which are adapted to engage the under side of the cover 12. A bolt 18 having its head upon the under side of the bottom 16 extends upwardly through an aperture which is formed in the cover 12, and is provided with a wing nut 19 for securely fastening the container 15 upon the under side of the body. Within the container

there is disposed an annular body of felt or other absorbent material which is designated at 20, having an aperture there-through receiving the bolt 18. The side walls of the cup 15 are perforated, as at 21, and an aperture 22 is formed in the cover 12 communicating with the interior of the cup 15 so that a disinfectant may be poured through the cover into the container or cup 15 and will be absorbed by the felt or fibrous material 20. The disinfectant slowly evaporates and the fumes or vapors therefrom can pass outwardly from the container 15 into the interior of the garbage can through the apertures or perforations 21. If at any time it is desirable to remove and renew the felt or fibrous material 20, the wing nut 19 can be removed and the cup or container can be taken off of the cover 12.

By the improved construction the disinfectant will kill all low animal life which may be within the garbage can and will tend to reduce or retard the decomposition of the material or refuse placed in the can, reducing the amount of gases and disagreeable odors which escape from the can. The aperture 22 which is used as a means for replenishing the disinfectant within the container 15 permits a small amount of the fumes to escape therethrough and will keep flies, cats, dogs and other similar animals and insects away from the exterior of the can.

Although the invention has been described as in connection with a garbage can, it will be understood that it is applicable to other receptacles used for similar purposes.

It will be understood that various changes in the detail of construction may be made without departing from the spirit or scope of the invention as defined by the appended claim.

I claim:

In combination with a garbage can, a cover, a tray beneath the cover, said tray being imperforate and having a perforated upstanding flange engaging the under side of the cover, means comprising a thru-bolt having a wing-nut on one end thereof for fastening the tray to the cover, an absorbent material of ring-shaped construction disposed between the tray and the cover, said absorbent material being held centrally of the tray by means of the thru-bolt, said absorbent material having a diameter con-

siderably less than the diameter of the imperforate tray, said cover being imperforate over the tray with the exception of a fair sized aperture providing for the pouring of
5 a disinfectant through the cover onto the absorbent material, whereby the disinfectant may upon evaporation, pass through the

apertures in the flange to the interior of the garbage can and a minimum amount will on evaporation, pass through the aperture 10 in the cover to the outside thereof.

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

OWEN T. RADCLIFFE