

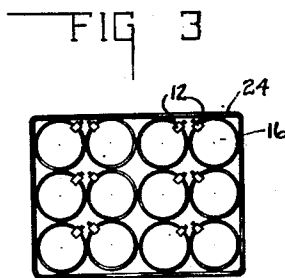
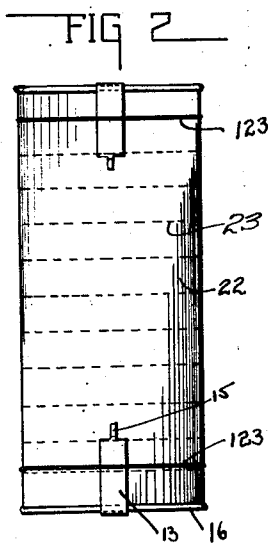
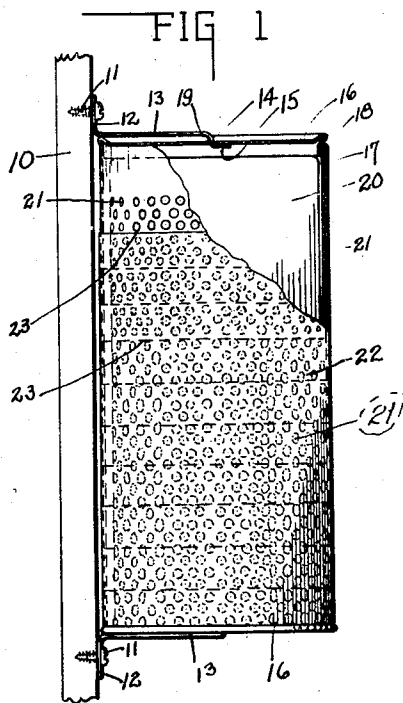
March 26, 1929.

H. W. DIETRICH

1,706,444

VENTILATED NONREFILLABLE CONTAINER

Filed Sept. 16, 1927



INVENTOR.

HARRY W. DIETRICH

BY *Lehman, Lehman & Goldsmith, Inc.*

ATTORNEYS.

Patented Mar. 26, 1929.

1,706,444

UNITED STATES PATENT OFFICE.

HARRY WILLIAM DIETRICH, OF NOBLESVILLE, INDIANA, ASSIGNOR TO J. I. HOLCOMB MANUFACTURING CO., OF INDIANAPOLIS, INDIANA, A CORPORATION.

VENTILATED NONREFILLABLE CONTAINER.

Application filed September 16, 1927. Serial No. 219,845.

This invention relates to a container and means for mounting the same.

The chief object of the invention is to provide a container for a disinfectant of the solid type, such as paradichlorbenzol, which is not readily removable from its support, which is not refillable and which is arranged to be readily adjustable to proper distribution of the disinfectant.

10 The chief feature of the invention consists of the formation of the disinfectant container, its covering, and the means of supporting the same whereby the aforesaid object is accomplished.

15 Another feature of the invention consists in the formation of the supporting means for the container such that the same may be arranged in collapsed relation for multiple packaging with a minimum of space.

The full nature of the invention will be understood from the accompanying drawings and the following description and claims:

25 Fig. 1 is a side elevation of a support, a container with the disinfectant shown therein, means for supporting the container upon the support and with parts broken away to show other parts in detail. Fig. 30 2 is an elevational view of a container with means of support arranged in packaging relation. Fig. 3 is an end view of a carton containing a plurality of containers, and the supports therefor.

35 In the drawings 10 indicates a support such as a wall or a stake and the screws 11 secure the angular portions 12 of an angular bracket member 13, having an offset portion 14 in the form of a tongue, the same lying 40 parallel with the base portion 12 and extending oppositely therefrom. The free end 14 is turned angularly as at 15 and extends beyond and parallel to the main portion 13.

The container includes a pair of ends 16 45 rigidly secured to a cylindrical body portion 17 as at 18, thereby forming a permanently closed and non-refillable can or container. Each end 16 includes a central aperture 19 which receives the tongue end 15 of the support 13. When the supports are 50 positioned as shown in Fig. 1, the container is secured therebetween in supported relation and removal of the container is prevented without prior removal of at least 55 one of the supporting brackets, which ne-

cessitates the removal of the anchoring screw 11. This will prevent, to a considerable degree, surreptitious removal of the disinfectant material which heretofore has occurred with all forms of detachable disinfectant containers.

The disinfectant material is shown as a block 20 and is positioned in the can prior to the sealing of the last end thereof. The disinfectant material is distributed or dispersed as vapor passing into the air and, to permit such vaporization, the can is perforated as at 21 so that the air can pass thru the can and over the surface of the disinfectant block. To prevent vaporization of the disinfectant until the same is to be used, the perforations are sealed as by a paraffined wrapper as at 22 or equivalent means. Each container is supplied with a pair of supporting brackets and these are 75 positioned as shown in Fig. 2 and are retained in said position by rubber bands or elastic means 123. Said elastic means may retain the paraffined wrapper or covering upon the can as well or the paper or covering may be secured in position on said can by adhesive or by heat applied to the paraffin content when paraffined paper is employed.

Fig. 3 illustrates a carton 24 which is filled with a plurality of containers having 85 the individual supports associated therewith. The aforesaid container and supporting brackets thus are adapted for economical packaging. While herein the container is shown circular in section, the same may be 90 square or rectangular if desired.

While herein the container is shown perforated on but the upper half of the same, it is to be understood that the lower half is similarly perforated and the covering for 95 said perforations is suitably scored as at 23 to permit removal of the covering in any desired amount. Fig. 1 shows but a single strip removed, which would be the case where but slight dissemination was required 100 and a considerable draft passes over the container in the position shown. If the container were positioned so as to be subjected to but little draft, such as in a corner or the like, several more of the sections would be 105 removed to expose more of the perforations and permit greater access of air to the disinfectant block.

The paraffined paper or perforation-sealing means not only thus permits adjustment 110

of the rate of evaporation of the block, but, when not removed, prevents vaporization of the block. This is particularly desirable for shipping and storing purposes. The
5 block 20, which is of very fragile material, is prevented from fracturing by being suitably encased in the container. This is not the case with blocks of a similar character which are mounted in a detachable casing,
10 for the blocks are frequently broken in handling or shipping and are extremely liable to breakage when being mounted in the dispensing support.

It will be appreciated that the disinfectant
15 block can not be removed without total destruction of the container and neither can the container be refilled, and neither can the container be readily removed from its support. It will also be appreciated that the
20 formation of the container and its supporting means is such that the cost thereof is relatively small.

The invention claimed is:

25 1. A dispersing container comprising a pair of ends, a permanently connected shell including a plurality of perforations formed therein, and a non-disseminating cover for

said perforations normally covering the same to prevent dissemination of the container contents.

2. A device as defined by claim 1 characterized by the perforations being arranged in perimetral series and the covering overlying said series including perimetral scorings for partial removal and dissemination control.

3. In combination a non-refillable perforated container, and a non-disseminating covering for all perforations thereof, said covering being arranged for partial removal permitting dissemination of the container contents only through the uncovered perforations, and, when intact, preventing material dissemination of any of the container contents.

4. The combination with a disseminating container as defined by claim 3, and comprising a perforated tubular portion and permanently united ends, of a pair of supports having end engagement for container support.

In witness whereof, I have hereunto affixed my signature.

HARRY WILLIAM DIETRICH.