May 27, 1930. J. P. HORN 1,760,598

INSECTICIDE CONTAINER

Filed Feb. 21, 1928

Fig. 1.

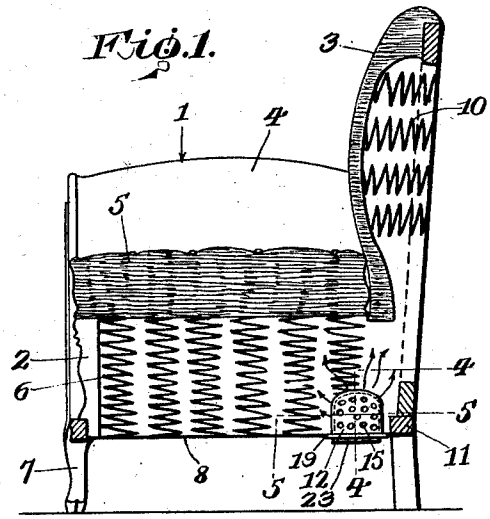


Fig. 2.

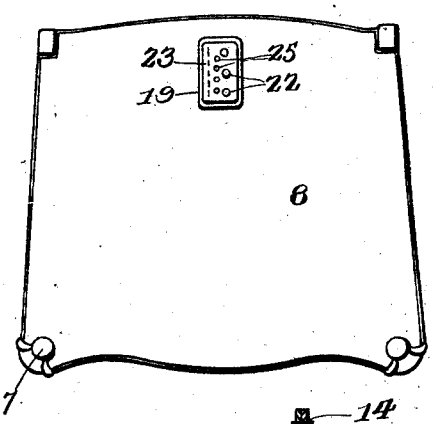


Fig. 3.

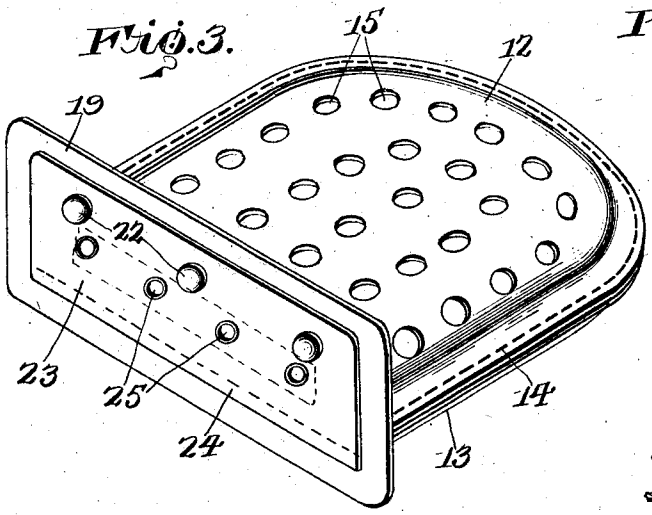


Fig. 4.

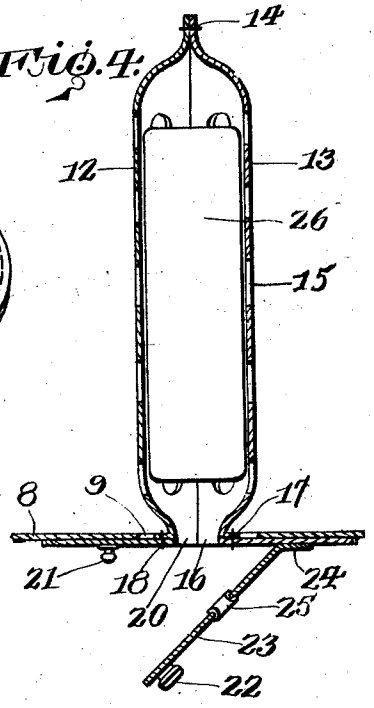
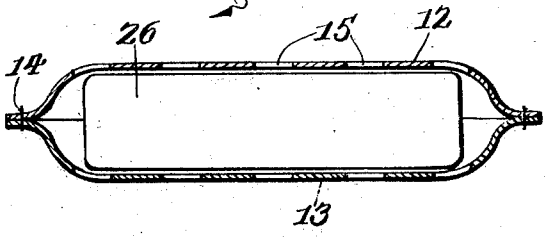


Fig. 5.



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UNITED STATES PATENT OFFICE

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INSECTICIDE CONTAINER

Application filed February 21, 1928. Serial No. 256,018.

This invention relates to an attachment for furniture of the upholstered type, but more particularly to a container carrying an insecticide designed primarily as a vermin repelling means for use in connection with upholstered furniture, but it is to be understood that an insecticide container, in accordance with this invention, may be employed for any purposes for which it is found applicable, and the primary object of the invention is to provide, in a manner as hereinafter set forth, means whereby an insecticide or vermin repellent may be housed within the article of furniture in such a way as to be obscured from view and not interfere with any of the operative parts of the furniture, and yet which will permit of the fumes passing therefrom throughout the article of furniture so as to repel vermin to prevent their lodging upon or gaining access to the interior of the article.

A further object of the invention is to provide, in a manner as hereinafter set forth, a container including a flexible body portion maintained extended by an insecticide or vermin repellent and constructed and arranged whereby air currents are caused to pass therethrough on the compression and reaction of the seat of the chair or other resiliently supported part of an article of furniture, thereby carrying the emanations from the insecticide substance into contact with the upholstered material when one occupies the seat and rises therefrom under such conditions acting to prevent vermin lodging upon or gaining access to the interior of the article.

A further object of the invention is to provide, in a manner as hereinafter set forth, a flexible insecticide container having means to permit of it being conveniently secured to the article of furniture and further including means to retain the insecticide or vermin repellent therein and with said means constructed for the supply of air to the container.

Further objects of the invention are to provide, in a manner as hereinafter set forth, an insecticide container for the purpose referred to and which is simple in its construction and arrangement, strong, durable, compact, thoroughly efficient in its use, readily assembled, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view the invention consists of the novel construction, combination and arrangenet of parts as hereinafter more specifically described, and illustrated in the accompanying drawings wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which fall within the scope of the claims hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:

Figure 1 is a sectional elevation of an upholstered chair showing the adaptation therewith of an insecticide container in accordance with this invention.

Figure 2 is a top plan view of the bottom of the chair showing the position of the insecticide container with respect thereto.

Figure 3 is a perspective view of the container.

Figure 4 is a section on line 4—4 Figure 1.

Figure 5 is a section on line 5—5 Figure 1.

The disinfectant container is installed at the bottom of any form of upholstered furniture, and by way of example is illustrated in connection with the bottom of a conventional arm chair of the upholstered type.

Referring to the drawings a chair is generally indicated at 1, and includes a seat frame 2, a back 3, a pair of arms 4, only one of which is shown, an upholstered seat portion 5, supporting springs 6 for the seat portion 5, legs 7, a flexible closure 8 secured to the bottom of the seat frame 2 and provided with an opening 9 for the passage of the disinfectant or insecticide container, springs 10 arranged in the back 3, and with the rear bar of the seat frame indicated at 11. The opening 9 is arranged in proximity to the rear bar 11.

The container comprises a flat extendible body portion in the form of a bag, constructed from flexible material, preferably canvas and consisting of two like perforated flat sections 12, 13. The sections 12, 13 are of semi-oval contour and have the inner end and side marginal portions secured together

by a row of stitching to provide the body portion of bag like form. The perforations in each of the sections of the body portion are indicated at 15. At the flexible body portion at its mouth or open end 16 is formed a laterally extending outturned part or flange 17 for attachment by the stitching 18 to a flexible rectangular coupling plate 19, constructed from any suitable material, preferably leather, and provided with a lengthwise extending slot 20 coextensive with the mouth of and having the edges thereof registering with the inner face of the body portion. The plate 19 is of greater length than the width of the sections 12, 13. The body portion can be connected to the coupling plate 19 other than by the stitching 17. The body portion is extended upwardly through the opening 9 and supports an insecticide above the bottom 8 within the chair. The perforations in the body portion permit of the passage of air therethrough and also for the air to contact with the insecticide. The plate 19 is secured to the flexible closure 8 by any suitable means and positioned against the lower face of the closure 8.

The plate 19 in proximity to one side thereof is formed with a plurality of fastener sections or members of the male type, as indicated at 21 and which are adapted to engage a corresponding number of fastener sections or members 22 of the female type. The members 22 are carried at one side of a rectangular hinged flap 23, and the members 21 are adapted to extend through the flap 23 and engage in the members 22 for detachably connecting the said side of the flap 23 against the plate 19. The fastener members are of the snap type. The flap 23 is hinged at its other side, as at 24 to the outer face of the plate 19 and acts as a closure for the slot and the mouth of the body portion when the fastener members or sections are interengaged with each other. The flap 23 is provided with a series of eyelets 25 constituting air inlets for the body portion, and is of less length and width than that of the plate 19.

Arranged within the body portion is a block of insecticide or vermin repelling material 26.

It is thought the many advantages of an insecticide container, in accordance with this invention and for the purpose set forth, can be readily understood, and although the preferred embodiment of the invention is as illustrated and described, yet it is to be understood that changes in the details of construction can be had which will fall within the scope of the invention as claimed.

What I claim is:—

1. A container for the purpose set forth comprising an extendible, flexible body portion for receiving an insecticide and having one end open, said body portion being provided with perforations and further formed co-extensive with its open end with an outwardly directed, right angularly disposed, flanged portion, a flexible coupling plate secured against the outer face of said portion, extending laterally therefrom and formed with a slot having the wall thereof registering with the inner face of the body portion at the open end of the latter, a closure for said slot hinged at one side thereof against the outer face of said plate in proximity to one side edge of the latter and formed with spaced intake openings adapted to register with said slots, and said closure and plate having fixed, coacting interengaging means for detachably connecting the other side of the closure to the other side of the plate.

2. A container for the purpose set forth comprising an extendible, flexible body portion for receiving an insecticide and open at one end, said body portion provided with perforations and being laterally flanged at the open end thereof, a coupling plate secured to the flange of the body portion and formed with a slot having the wall thereof opposing the inner face of the body portion at the open end of the latter, a closure for said slot hinged against the outer face of said plate and formed with spaced intake openings adapted to register with said slots, and said closure and plate having fixed coacting interengaging means for detachably connecting the slots throughout in abutting relation to the outer face of the plate.

In testimony whereof I affix my signature hereto.

JOHN P. HORN.