June 21, 1938. A. D. PURIFOY 2,121,406

VERMIN ELIMINATING DEVICE

Filed Oct. 5, 1936

Fig. 1.

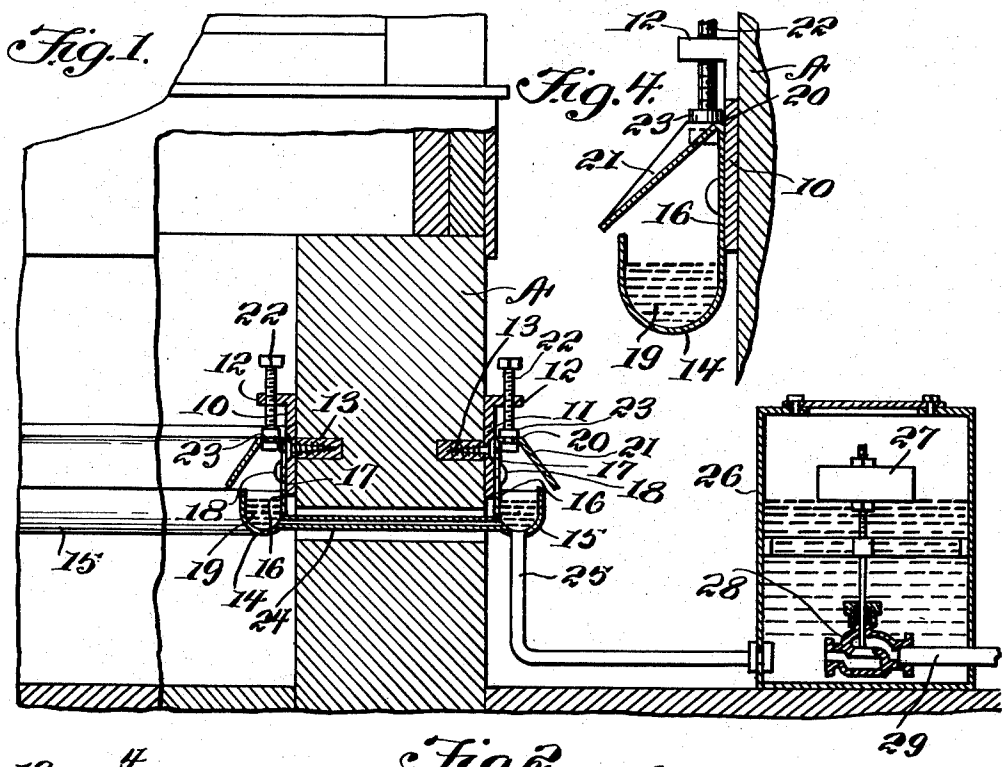


Fig. 4.

Fig. 2.

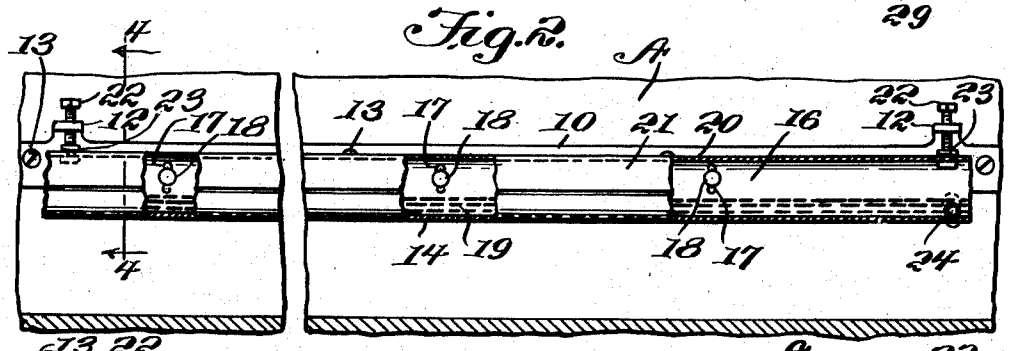
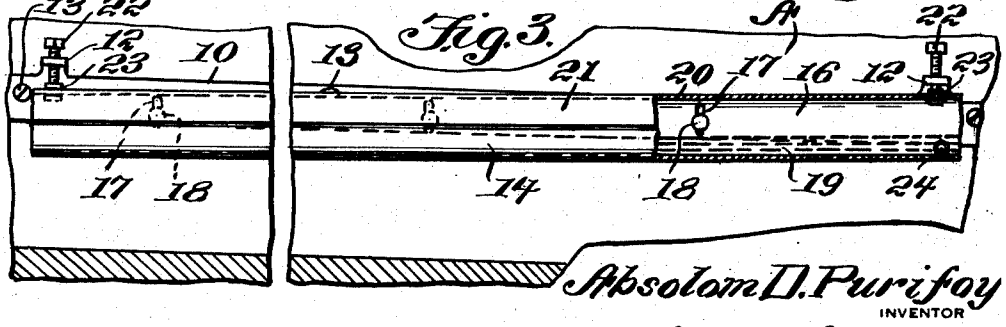


Fig. 3.



Absolom D. Purifoy
INVENTOR

BY Victor J. Evans & Co.
ATTORNEY

WITNESS J. T. L. Wright

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VERMIN ELIMINATING DEVICE

Absolom D. Purifoy, Mobile, Ala.

Application October 5, 1936, Serial No. 104,154

1 Claim. (Cl. 43—124)

The invention relates to a vermin eliminating device and more especially to a gravity feed apparatus for preventing termites in buildings.

The primary object of the invention is the provision of an apparatus of this character, wherein the wood material of a building can be protected for elimination of termites or other insects, the apparatus being arranged at the foundation of such building and through the use of troughs insect destroying substance can be held therein for the elimination of such insects to avoid destruction to the building thereby.

Another object of the invention is the provision of an apparatus of this character, wherein the troughs are mounted in a novel manner at the foundation of a building so that such troughs can be properly positioned for the feed of liquid therein, the apparatus being novel in its entirety.

A further object of the invention is the provision of an apparatus of this character, which is simple in construction, thoroughly reliable and effective in its operation, readily and easily applied to a building, strong, durable, and inexpensive to manufacture and install.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawing, which discloses the preferred embodiment of the invention and pointed out in the claim hereunto appended.

In the accompanying drawing:

Figure 1 is a fragmentary vertical sectional view through the foundation of a building showing the apparatus constructed in accordance with the invention applied thereto.

Figure 2 is a fragmentary elevation of one of the troughs employed with the apparatus and portions of the trough being broken away.

Figure 3 is a view similar to Figure 2 showing the trough adjusted.

Figure 4 is an enlarged vertical transverse sectional view taken on the line 4—4 of Figure 2.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail, A designates generally a portion of a foundation of a building of the wood type and this foundation may be of any approved construction and in association with the said foundation is the apparatus constituting the present invention and hereinafter fully described.

The apparatus comprises inner and outer rails 10 and 11, respectively, these being fastened in place at the inner and outer faces of the perpendicular portion of the foundation A to be disposed horizontally and are provided with upper out-turned ears 12, the fasteners for the rails being indicated at 13 for permanent securing of the same in place. Adjustably carried by these rails 10 and 11 are inner and outer troughs 14 and 15, respectively, each having a vertical inner wall 16 provided at intervals with vertical slots 17 accommodating headed guide pins or lugs 18 which are fixed in the rails 10 and 11 and these troughs are adapted to contain a liquid for destroying insects, as, for example, termites destructive to woodwork, the liquid being indicated at 19.

The upper edge of the inner wall 16 of each trough 14 and 15 is out-turned at 20 and extended therefrom is an outwardly inclined overhang or shield 21 for the upper open side of the trough and this overhang or shield extends beyond the trough for a determined distance to avoid the deposit within said trough of leaves, twigs or foreign matter.

Threaded in the ears 12 are adjusting screws 22, each having its lower end swiveled at 23 in the portion 20 of each trough 14 and 15 and the purpose of these screws 22 is to enable the troughs to be disposed level because in many instances the house settling would carry the troughs from a level resultant from such settling of the building.

Between the troughs 14 and 15 and communicating therewith is a liquid lead 24 while connected with the outer trough 15 is an elbow feed pipe 25 extending from a liquid tank 26 in which is arranged an adjustable float 27 for controlling a valve 28 at the discharge end of a liquid supply conduit or pipe 29 opening into the said tank 26 and in this manner liquid is fed to the respective troughs 14 and 15, the float 27 within the tank 26 regulating the level of the liquid within said troughs, the said float being adjusted to the desired level required within the trough of said liquid.

What is claimed is:

A vermin eliminating device for a perpendicular support of a building, comprising a pair of troughs arranged horizontally at opposite sides of the said support and coextensive therewith, a liquid tube carried through the support between said troughs and connected with the latter for communication of the said troughs with each other, an overhang associated with each trough and extended outwardly slightly beyond the same, and means for supplying liquid to one of the troughs for the filling of all the troughs at a determined level.

ABSOLOM D. PURIFOY.