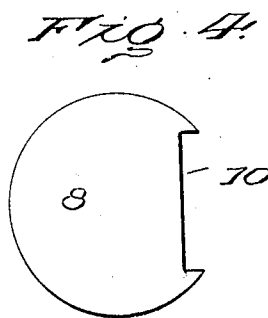
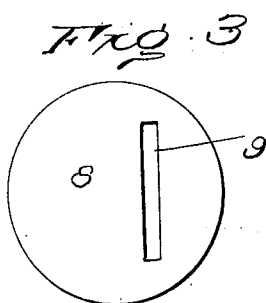
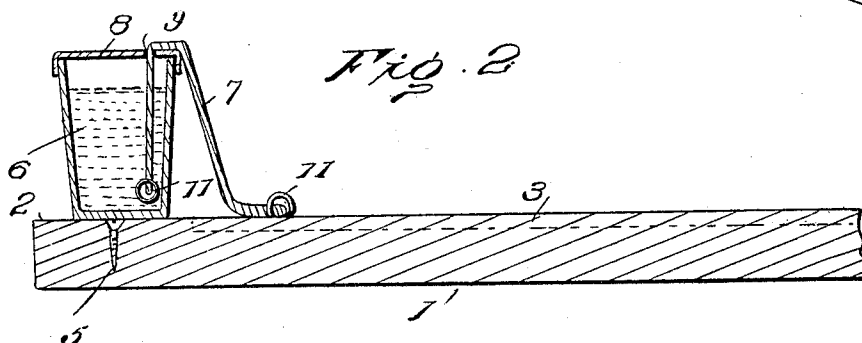
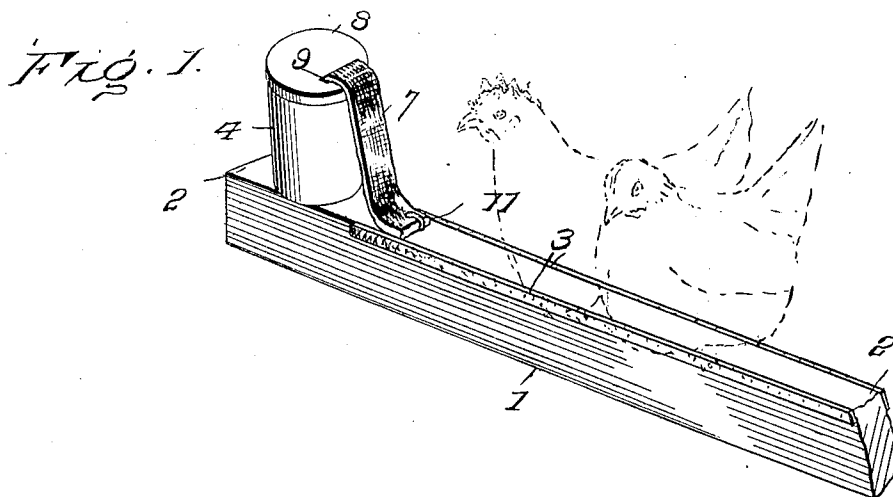


No. 856,557.

PATENTED JUNE 11, 1907.

R. W. TOWNSEND.
VERMIN EXTERMINATOR.
APPLICATION FILED MAY 24, 1906.



Witnesses
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UNITED STATES PATENT OFFICE.

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VERMIN-EXTERMINATOR..

No. 856,557.

Specification of Letters Patent.

Patented June 11, 1907.

Application filed May 24, 1906. Serial No. 313,590.

To all whom it may concern:

Be it known that I, ROSELLA W. TOWNSEND, a citizen of the United States, residing at Salem, in the county of Columbiana and State of Ohio, have invented certain new and useful Improvements in Vermin-Exterminators, of which the following is a specification.

The object of the present invention is to provide an improved device for the extermination of the lice, red mites, and other vermin with which the poultryman has to contend.

To this end, the invention consists essentially of a perch attachment which is automatically impregnated with an insecticide and which has an exterminating effect upon all vermin, both those in the plumage of the fowls and those which infest the poultry house and only attack the fowls at night.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view showing the invention as applied to a perch; Fig. 2 is a longitudinal sectional view through the same; Fig. 3 is a plan view of the preferred form of cover for the tank containing the insecticide; and, Fig. 4 is a similar view of a modified form of cover.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The numeral 1 designates a perch which is of the type commonly employed in hen houses and which, preferably, has the upper face thereof flattened, as shown at 2. A strip of fabric or other absorbent material 3 extends along each side of the perch and the upper edges of these strips are preferably flush with the top of the perch. The insecticide which is employed is in the nature of a liquid and is held by a receptacle 4 which is located at one end of the perch 1. In order to hold the receptacle in position upon the perch, a screw 5 is soldered or otherwise rigidly secured to the bottom of the receptacle. The insecticide 6 within the receptacle or tank 4 is fed to the absorbent strips 3 by means of a wick 7, one end of which extends within the receptacle, while the opposite end

comes into contact with the strips 3. The cover 8 of the tank 4 may be of any conventional construction and is provided with a cut away portion through which the wick 7 is passed. In the form of invention shown in the first three figures of the drawings, the cut away portion of the cover is in the nature of a slot 9, while in Fig. 4 a notch 10 is shown as formed in one edge of the cover. Each end of the wick 7 is provided with an enlargement 11, which, in the present instance is in the nature of a coil of wire. These enlargements 11 operate to prevent the wick from slipping through the slot 9 in the cover 8 and either slipping entirely back within the tank, or falling upon the floor of the hen house.

When the wick 7 is in normal position, that is, with one end within the tank and the opposite end resting upon the top of the perch and in contact with the strips 3, the liquid insecticide will work its way through the wick and along the strips 3 by capillary attraction. After the strips 3 have become thoroughly saturated, the supply of insecticide can be readily shut off by slipping the wick within the tank until the coil 11 engages with the slot 9. With the strips 3 which extend along the perch thoroughly saturated, it will be apparent that when the poultry go to roost, their feet and feathers will come into contact with the insecticide and all lice or similar vermin removed. At the same time the device will operate to rid the poultry house of the red mites and other pests which hide in the crevices of the house during the day and attack the fowls at night, and will thus free the poultryman of all vermin, both upon the fowls and in the poultry house.

Having thus described the invention, what is claimed as new is:

1. In a device of the character described, the combination of a perch, a strip of absorbent material extending along the perch, a tank located adjacent the perch and containing a liquid insecticide, a cover for the tank provided with a cut away portion, a wick passing through the cut away portion in the cover and leading from the tank, the said wick being adapted to be brought into contact with the absorbent strip, whereby the latter can be saturated with the insecticide, and enlargements at the extremities of the wick which engage with the cut away portion of the cover and prevent the wick from sliding out of position.

2. In a device of the character described, the combination of a perch, a strip of absorbent material extending along the perch, a tank having a threaded projection upon one side thereof by means of which it is secured to the perch, and a wick leading from the tank and adapted to be brought into contact with the absorbent strip whereby the latter can be saturated with the insecticide.
3. In a device of the character described, the combination of a perch, a strip of absorbent material extending along the perch, a tank having a screw secured thereto by means of which it is connected to the perch, the said tank containing a liquid insecticide, a cover for the tank provided with a cut away portion, a wick passing through the cut away portion of the cover and connecting the liquid insecticide within the tank and the absorbent strip extending along the perch, and enlargements at the extremities of the wick which engage with the cut away portion of the cover and prevent the wick from slipping within the tank or falling out of position.
- In testimony whereof I affix my signature in presence of two witnesses.
- ROSELLA W. TOWNSEND. [L. s.]
- Witnesses:
NINA STEELE,
JOHN E. ROGERS.