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1,489,071

A. M. FAIRFIELD
FUMIGATOR
Filed Aug. 29, 1922

Fig. 1,

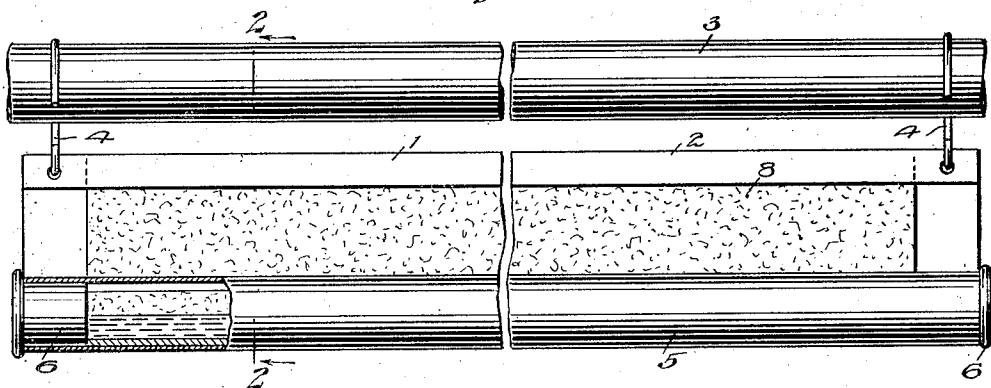


Fig. 2,

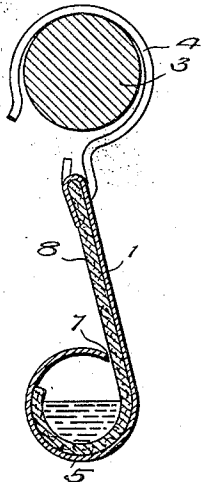


Fig. 3,

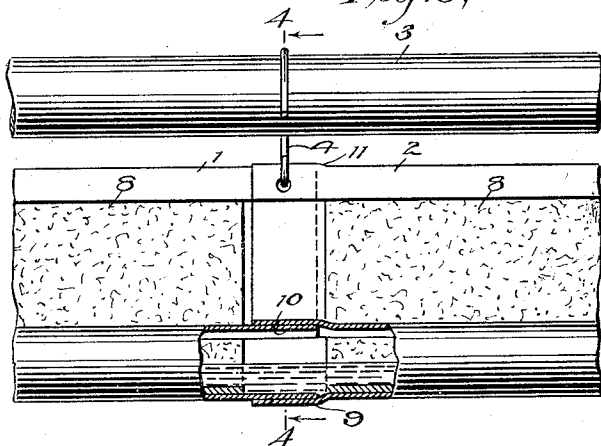
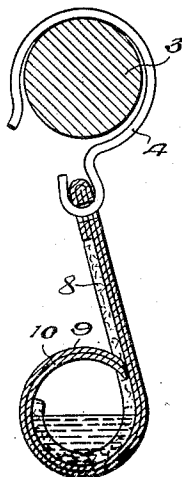


Fig. 4.



WITNESSES

Edw. Thorpe
E. L. Haeller

INVENTOR

A. M. Fairfield
BY Munn & Co.
ATTORNEYS

UNITED STATES PATENT OFFICE.

ARTHUR MOSES FAIRFIELD, OF ST. MARYS, KANSAS.

FUMIGATOR.

Application filed August 29, 1922. Serial No. 584,985.

To all whom it may concern:

Be it known that I, ARTHUR M. FAIRFIELD, a citizen of the United States, and a resident of St. Marys, in the county of Potawatowmie and State of Kansas, have invented a new and Improved Fumigator, of which the following is a full, clear, and exact description.

This invention relates to improvements in disinfecting apparatus, and has particular reference to a fumigating device to be employed in chicken houses and other like places.

An object of the invention is to provide a fumigating device of comparatively simple and inexpensive construction, and one which may be cheaply manufactured.

Another object is to provide a device of such construction that it may be conveniently placed in position on a chicken roost, for instance, where it will be in close proximity to the fowl perched thereon, and thus have a maximum efficiency in the elimination of vermin.

A further object is to disinfect the fowl by the evaporation of the disinfectant which is placed in a closed container and thus prevented from coming into direct contact with the fowl.

The above and other objects will appear more clearly from the following detail description when taken in connection with the accompanying drawing, which illustrates a preferred embodiment of the inventive idea.

In the drawing—

Figure 1 is a front elevation partly broken away and in section of the fumigating device in operative position;

Figure 2 is a transverse section on the line 2—2 of Figure 1;

Figure 3 is a view similar to Figure 1 illustrating the manner of joining the sections of the device; and

Figure 4 is a transverse section on the line 4—4 of Figure 3.

In the drawing the device is shown as comprising a body, which is preferably made of two sections 1 and 2 in order that the device may be readily disassembled and compactly packed when not in use. The device is suspended beneath a roost or other

support 3 by means of hooks, which are connected to the ends and intermediate portion of the device.

Each section of the device is preferably made of a single sheet of material, the lower longitudinal edge of which is rolled to provide a substantially cylindrical disinfectant container 5, the open ends of which are closed by means of stoppers or other closures 6, which may be removed in order to partially fill the container with the disinfecting fluid. The free longitudinal edge of the container 5 is spaced from the intermediate portion of the body of the device to provide a slot or opening 7 so as to receive an absorbent element 8, preferably formed of a sheet of asbestos material, the lower portion of which is inserted into the container 5 and curved to conform to the contour of said container, so that the absorbent element will be immersed in the disinfecting fluid. The remaining portion of the element 8 is engaged with the body of the device and the material forming each section of the body is bent upon itself along its upper longitudinal edge to engage the upper longitudinal portion of the element 8 and thus maintain said element in position.

As the disinfecting fluid is absorbed by the lower portion of the element 8, the exposed portion of said element above the container becomes saturated with the fluid and fumes therefrom will thus effectively protect fowl perching upon the roost 3 from vermin.

In order to secure the meeting ends of the sections 1 and 2 of the body of the device together, the portion of the section 2 forming a part of the container 5 is flared or enlarged, as indicated at 9, to receive the adjacent end 10 of the section 1 and the upper edge of said section 2 is slightly crimped or bent, as indicated at 11, to receive the adjacent upper end of the section 1, so that when the sections are assembled the two meeting ends are arranged in overlapping relation and in close contact with each other. It will be apparent from this arrangement that in order to disassemble the device it is only necessary to first remove the same from its support and then disconnect

the sections by an outward longitudinal movement of one with respect to the other. ing ends of the portions of said sections 10 forming the container being telescoped, an

What is claimed is:

A disinfecting device for fowl adapted for 5 suspension from a perch, including a body consisting of sections each of which is bent at its lower portion to provide part of a disinfectant container, the meeting edges of said sections overlapping and the meet- 15 perch.

ARTHUR MOSES FAIRFIELD.