

G. T. BLANCHARD.

FUMIGATOR.

No. 189,915.

Patented April 24, 1877.

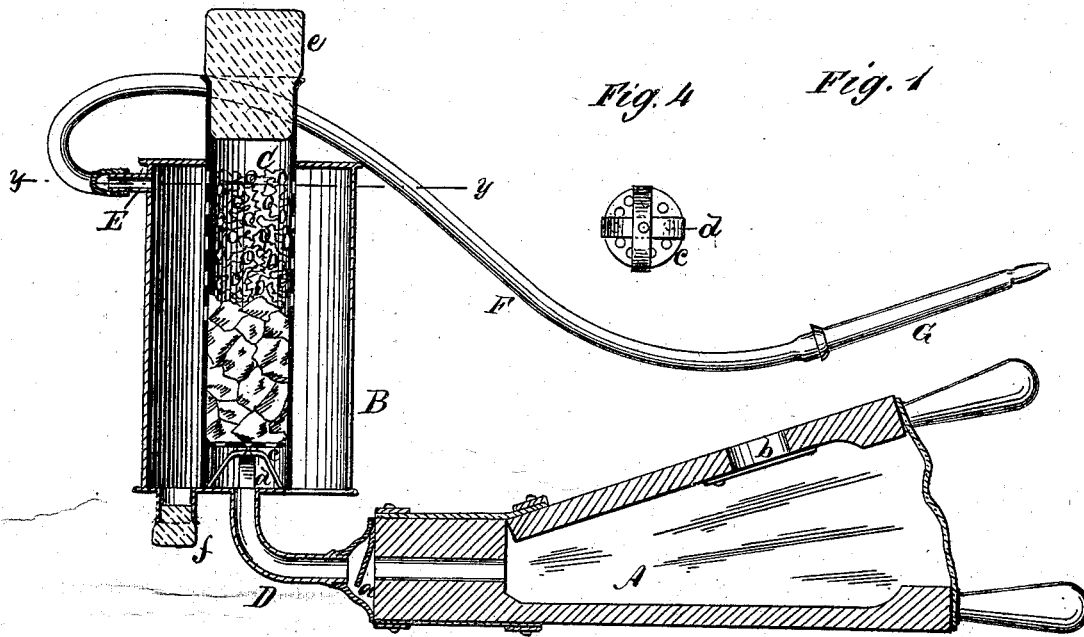


Fig. 1

Fig. 1

Fig. 2

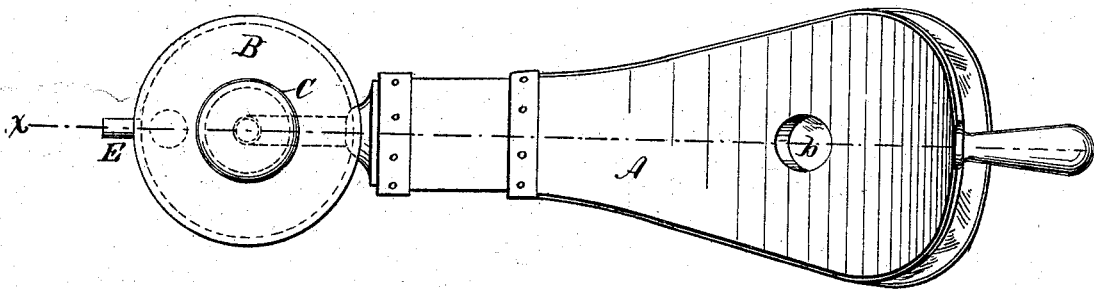
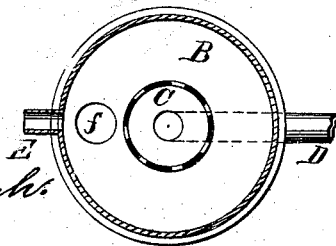


Fig. 3

WITNESSES:

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J. H. Scarborough



INVENTOR:

G. T. Blanchard

BY

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 ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE T. BLANCHARD, OF PLYMOUTH, MAINE.

IMPROVEMENT IN FUMIGATORS.

Specification forming part of Letters Patent No. **189,915**, dated April 24, 1877; application filed March 3, 1877.

To all whom it may concern:

Be it known that I, GEORGE T. BLANCHARD, of Plymouth, in the county of Penobscot and State of Maine, have invented a new and Improved Fumigator, of which the following is a specification:

Figure 1 is a side elevation of my improved fumigator, in section, on line *x x* in Fig. 2. Fig. 2 is a plan view. Fig. 3 is a transverse section on line *y y* in Fig. 1. Fig. 4 is a detail view of the grate.

Similar letters of reference indicate corresponding parts.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

In the drawing, A is a bellows of ordinary construction, having the valves *a b*. B is a chamber containing a central perforated tube, C, in the bottom of which is placed a perforated diaphragm or grate, *c*, which is supported by the curved strips *d*. A pipe, D, connects the lower end of the tube C and the bellows A. The upper end of the tube C extends above the top of the chamber B, and is stopped by a cork, *e*. An aperture is made in the bottom of the chamber B, which is closed by a cork, *f*. A nipple, E, projects from the side of the chamber B for receiving the flexible tube F, which terminates in the nozzle G.

The manner of using the fumigator is as follows: A burning coal is placed on the grate *c*, and the tube C is wholly or partly filled with fumigating material, such as tobacco or sulphur, and is stopped by the cork *e*. The bellows is worked, and the smoke issues through the perforations of the tube C into the chamber B, where it is cooled, and from whence it passes through the flexible tube and the nozzle.

Ashes and dust that accumulate in the chamber B may be blown out through the aperture in the bottom by removing the cork *f* and working the bellows.

The fumigator is mainly designed for use in killing lice and ticks on sheep and other animals, and also in destroying insects that infest shrubs and plants.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

In an insect-destroyer, a cylinder, B, provided near the top with tubing E F G, in combination with an internal side-perforated tube C, and removable grate *c d*, said tube being connected at the lower end with a bellows, as and for the purpose specified.

GEORGE TURNER BLANCHARD.

Witnesses:

LOUIS B. WEYMOUTH,
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