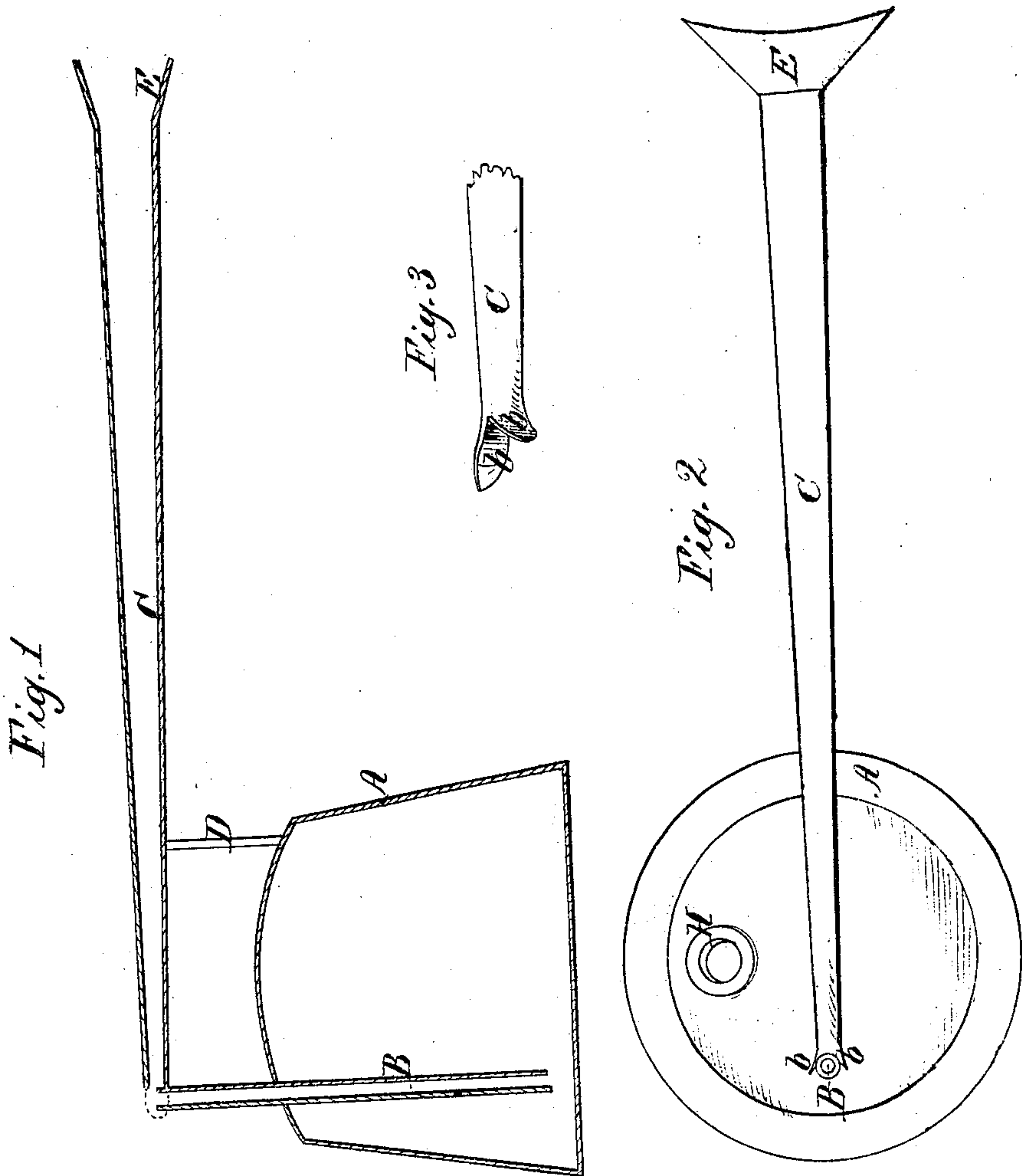


R. R. Foote.

Insect Destroyer.

Nº 92,029.

Patented Jun. 29, 1869.



Witnesses
G. L. Chapman
A. Hayward

Inventor
R. R. Foote.

United States Patent Office.

R. R. FOOTE, OF CHICAGO, ILLINOIS.

Letters Patent No. 92,029, dated June 29, 1869.

IMPROVEMENT IN SPRAY-DAMPENER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, R. R. FOOTE, of Chicago, in the county of Cook, and State of Illinois, have invented a Spray-Dampener, for tobacco, and other purposes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, and letters marked thereon, making a part of this specification, in which—

Figure 1 is a longitudinal sectional elevation of my invention.

Figure 2, a top view of the same.

Figure 3, a perspective representation of the end of the blow-pipe.

The object of the present invention is to provide a simple, cheap, and convenient device for sprinkling tobacco, clothes, flowers, and for other purposes, where the fluid is to be divided into very fine particles, and spread evenly on the surface; and

Its nature consists in the use of a small vessel for holding the fluid, which has a pipe communicating with its interior, and extending a short distance above the top to a blow-pipe, having a peculiar construction, as hereinafter described.

To enable others skilled in the art to make and use my invention, I have marked corresponding parts with similar letters, and will now give a detailed description.

A represents a small vessel, made of sheet-metal, or other suitable material, and it has an opening in its top, for the convenience of filling the vessel with fluid, and a stopper, H, fig. 2, for closing the opening; and it also has a small pipe, B, communicating with

the inside, as shown at fig 1, and extending a short distance above the top of the vessel to a pipe, C.

This pipe is held in position by a standard, D, rigidly attached to the pipe and the top of the vessel, and a brace, I, which is so adjusted as to bring the periphery of the pipe a little below the top end of the pipe B, as clearly shown at fig. 1.

The small end of the pipe has a novel construction, as shown at fig. 3; and it consists of two wings, *b b*, formed by cutting a notch in the end of the pipe, and then turning the wings outwardly, to permit the air to pass out of the pipe C at the opposite sides of the pipe B, as well as at its top. This construction is necessary. Otherwise, the apparatus will not operate.

Operation.

The vessel A can be filled with fluid, by means of the opening above described, and then closed by the stopper H, after which the nozzle E should be placed over the mouth, and a strong current of air forced through the pipe C, which operation will cause the water in the vessel A to discharge from the outer end of the pipe B in a continuous flow of spray or fine particles.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent, is—

The combination of the pipe C, when provided with the wings *b b*, with the pipe B, substantially as and for the purpose herein described.

Witnesses:

A. HAYWARD,
G. L. CHAPIN.

R. R. FOOTE.