

(No Model.)

W. L. WADDY.
INSECT DESTROYER.

No. 256,771.

Patented Apr. 18, 1882.

Fig. 1.

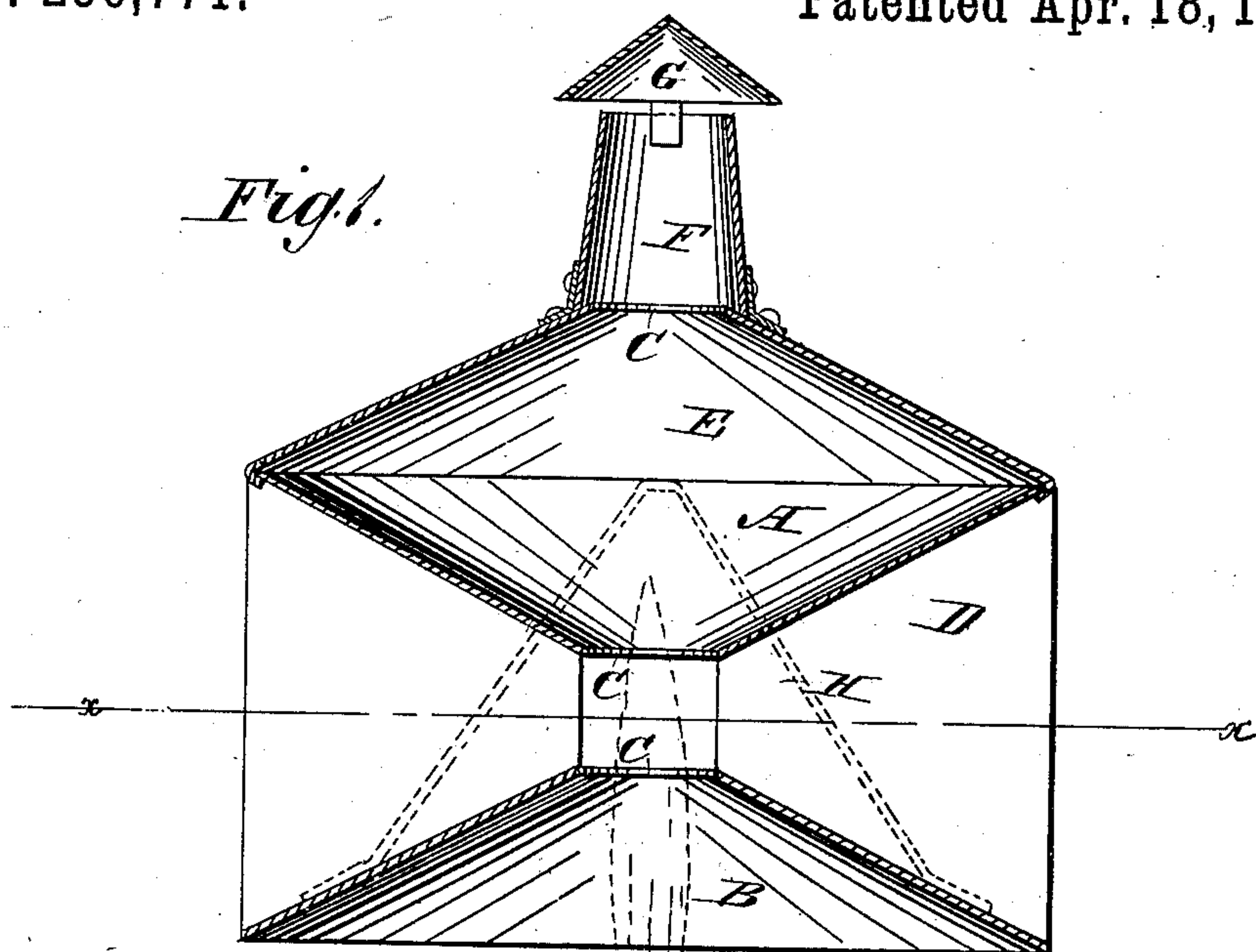
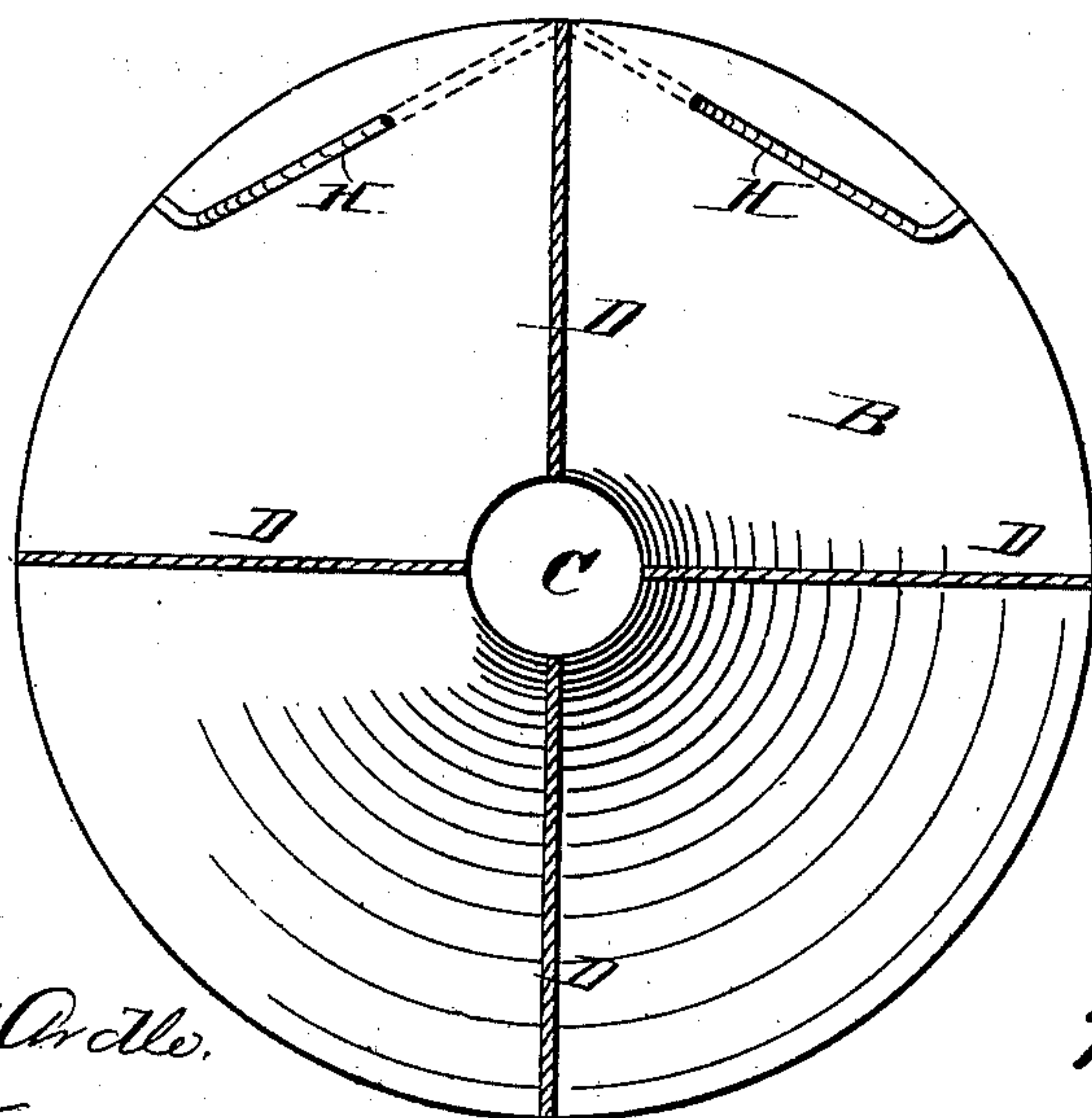


Fig. 2



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM L. WADDY, OF PEYTONA, KENTUCKY.

INSECT-DESTROYER.

SPECIFICATION forming part of Letters Patent No. 256,771, dated April 18, 1882.

Application filed August 4, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM LEWIS WADDY, of Peytona, in the county of Shelby and State of Kentucky, have invented an Improved Insect-Destroyer, of which the following is a specification.

The object of my invention is to provide a new and improved trap for catching and destroying insects—such as tobacco-flies, millers, &c., and especially for destroying the fly that causes the worm in cotton-bolls.

The invention consists in a reflector formed of a series of reflecting conical plates, united by radial partitions and provided with a central opening for the flame of a lamp or candle, this central opening being surmounted by a short chimney.

In the accompanying drawings, Figure 1 is a cross-sectional elevation of my improved insect-destroyer. Fig. 2 is a horizontal sectional plan view of the same on the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The conical plates A and B, provided with apertures C in the middle, are united by radial plates D in such a manner that the points of the cones will project toward each other. A conical plate, E, also provided with a central opening or aperture, C, is united with the conical plate A—that is, they are united at the

bases of the cones, as shown. A short chimney, F, is attached to the top of the conical plate E, and is provided with a cap, G. Wires H are attached to the plates A and B, and form hangers for hanging the reflector on a wall or post. The conical and radial plates are all made of reflecting material, so that a blaze or flame in the central channel or aperture of the reflector will be reflected multifold, and a most brilliant light will be produced. The insects are attracted by this light and rush to the same. They strike the reflector and drop upon the flame, and are thus destroyed.

This insect-destroyer will be found to be of great service in tobacco-fields, where the insects destroy enormous quantities of the plant.

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

The combination of the conical plates A B E, having each a central aperture, C, the plates A B being connected by plates D, with their points turned toward each other, and the plates A E connected at their bases, for the purpose of forming a device adapted to be used with a light, as and for the purpose specified.

WILLIAM LEWIS WADDY.

Witnesses:

W. H. STUART,
J. D. MIDDLETON.