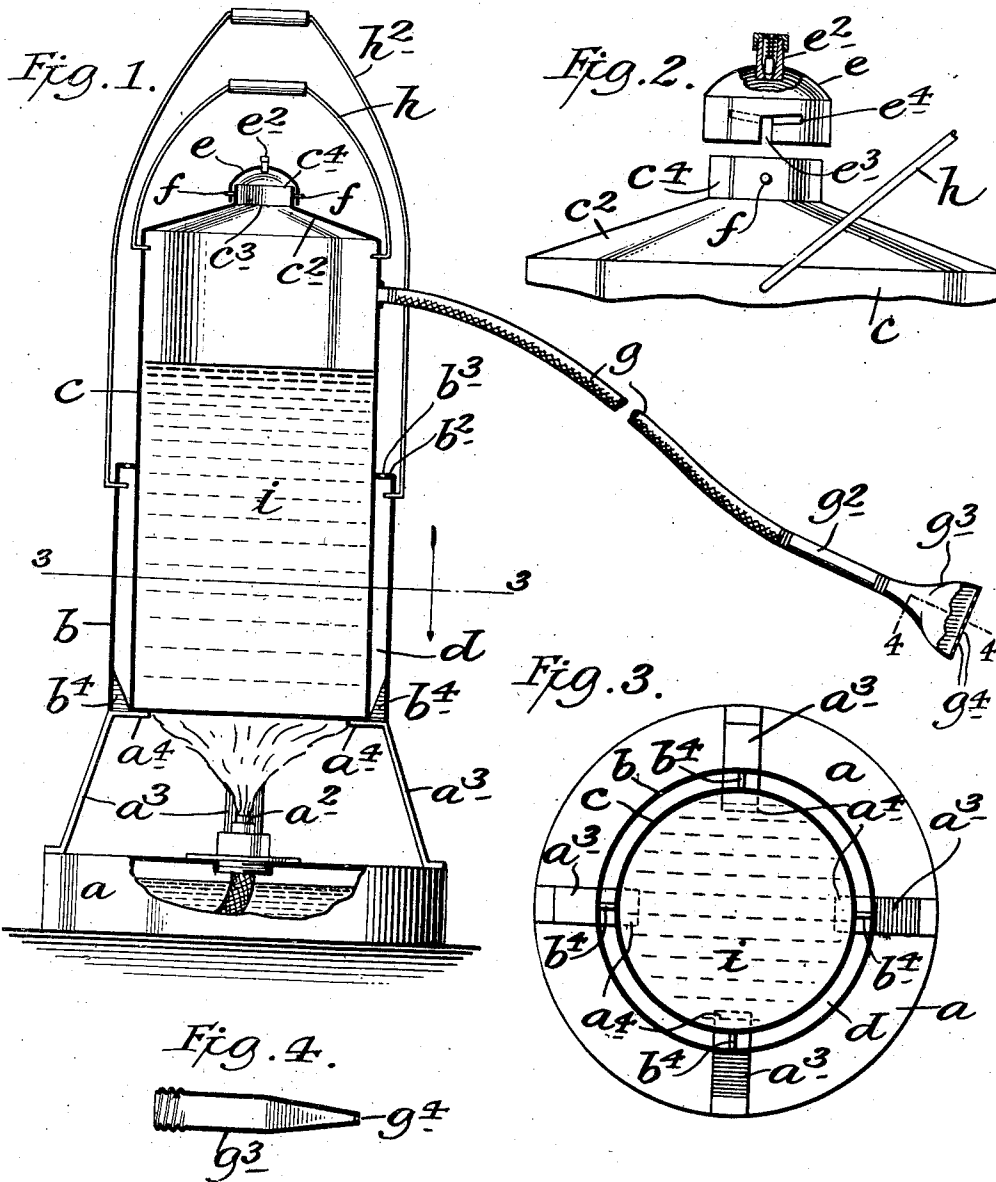


F. A. HINSKY.
INSECT DESTROYER.
APPLICATION FILED AUG. 10, 1911.

1,037,623.

Patented Sept. 3, 1912.



WITNESSES
A. R. Appelman
Frank J. Atlee

INVENTOR,
FRANZ A. HINSKY
BY
Edgar Tate & Co.
ATTORNEYS

UNITED STATES PATENT OFFICE.

FRANZ A. HINSKY, OF HOBOKEN, NEW JERSEY.

INSECT-DESTROYER.

1,037,623.

Specification of Letters Patent.

Patented Sept. 3, 1912.

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To all whom it may concern:

Be it known that I, FRANZ A. HINSKY, a citizen of the United States, and residing at Hoboken, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Insect-Destroyers, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to devices for destroying various forms of insect life such as bedbugs, roaches, ants and the like, and the object thereof is to provide an improved device of this class which is simple in construction and operation and comparatively inexpensive, and by means of which insects of the class specified may be easily exterminated.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my invention are designated by suitable reference characters in each of the views, and in which:—

Figure 1 is a sectional side elevation of my improved insect destroyer; Fig. 2 a side view of the top portion thereof and on an enlarged scale, and showing the parts disconnected and partly in section; Fig. 3 a section on the line 3—3 of Fig. 1, and; Fig. 4 a partial section on the line 4—4 of Fig. 1.

In the practice of my invention I provide an alcohol or hydrocarbon burner comprising a reservoir *a* having a burner *a*² of the usual or any preferred form and provided with upright supports *a*³ which, in the form of construction shown, are provided at their upper ends with inwardly directed members *a*⁴ and on which rest a cylindrical casing *b* which is secured thereto or connected therewith in any desired manner, and is designed to receive a tank or can *c* which, when in position, rests on the inwardly directed supports *a*⁴ and is removable from the casing *b*.

The casing *b* is provided at the top thereof with an inwardly directed flange *b*² preferably provided with perforations *b*³ and at the bottom of the casing *b* are triangular lugs *b*⁴ which serve to center the bottom of the tank or can *c* and hold it in proper position, and the casing *b* in connection with the tank or can *c*, when the latter is in position, forms an annular chamber *d* around the bot-

tom part of said tank or can and the bottom of which is open.

The top of the tank or can *c* is closed as shown at *c*² and provided centrally with an opening *c*³ around which is a raised collar *c*⁴ and the opening *c*³ is adapted to be closed by a supplemental cap *e* provided with a safety valve *e*² of any preferred construction. The collar *c*⁴ is provided on its opposite sides with projecting pins *f* and the rim of the supplemental cap *e* is provided with L-shaped slots *e*³ the top portions *e*⁴ of which are inclined as clearly shown, and this forms a bayonet coupling or connection for the supplemental cap and collar *c*⁴ by means of which the cap may be securely connected with the collar so as to prevent the escape of steam from the tank or can *c*.

Connected with the top portion of the tank or can *c* is a flexible hose *g* the free end of which is provided with a tubular member *g*² which serves as a handle for the manipulation of a nozzle *g*³ detachably connected therewith, and said nozzle, *g*³ is preferably shaped as shown in Figs. 1 and 3, being provided with a flat, narrow or thin discharge edge having perforations *g*⁴.

The tank or can *c* is provided with a bail *h* and the casing *b* with a bail *h*² and the operation will be readily understood from the foregoing description, when taken in connection with the accompanying drawing and the following statement thereof. In practice, the tank or can *c* serves as a boiler and is partially filled with water as shown at *i* and this water may be quickly heated to the steam generating point by the burner *a*², and the device may be carried around from one point to another by means of the bail *h*² and at the same time the nozzle *g*³ may be manipulated so as to discharge the escaping steam into any part of a bedstead frame, or into any cracks, creases and crevices around the floor of a room or apartment or around the bedstead of said room or apartment, or into any other place where insects are apt to gather, and this as will be understood will kill or destroy said insects. The bail *h*² is for the purpose of manipulating the entire device or carrying it around from one point to another and by means of the bail *h* the tank or can *c* may be lifted out of the casing *b* whenever desired for any purpose or easily replaced therein when necessary.

The object of the casing *b* is to center and

hold the tank or can in operative position and also forms a heat chamber *d* around the bottom portion of said tank or can, and in which the heat from the burner collects or
5 into and through which the heat from said burner passes, and this enables said burner to more quickly heat the water in said tank or can and to generate the required steam.

Having fully described my invention,
10 what I claim as new and desire to secure by Letters Patent is:—

A device of the class described, comprising a tank or can for holding liquid to be vaporized, a casing within which said can or
15 tank is placed to be heated, said casing having at its upper end an inwardly extending flange having separated perforations there-

in, and at the bottom inwardly extending triangular lugs, said flange and lugs engaging the exterior of the can to form an annular chamber open at the bottom around said can, a burner and supports extending upwardly and secured to the said burner and casing said supports at their upper ends extending inwardly to engage and support said tank or can.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 9th day of August 1911.

FRANZ A. HINSKY.

Witnesses:

D. J. HEALY,
FRED SEUFERT

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."