

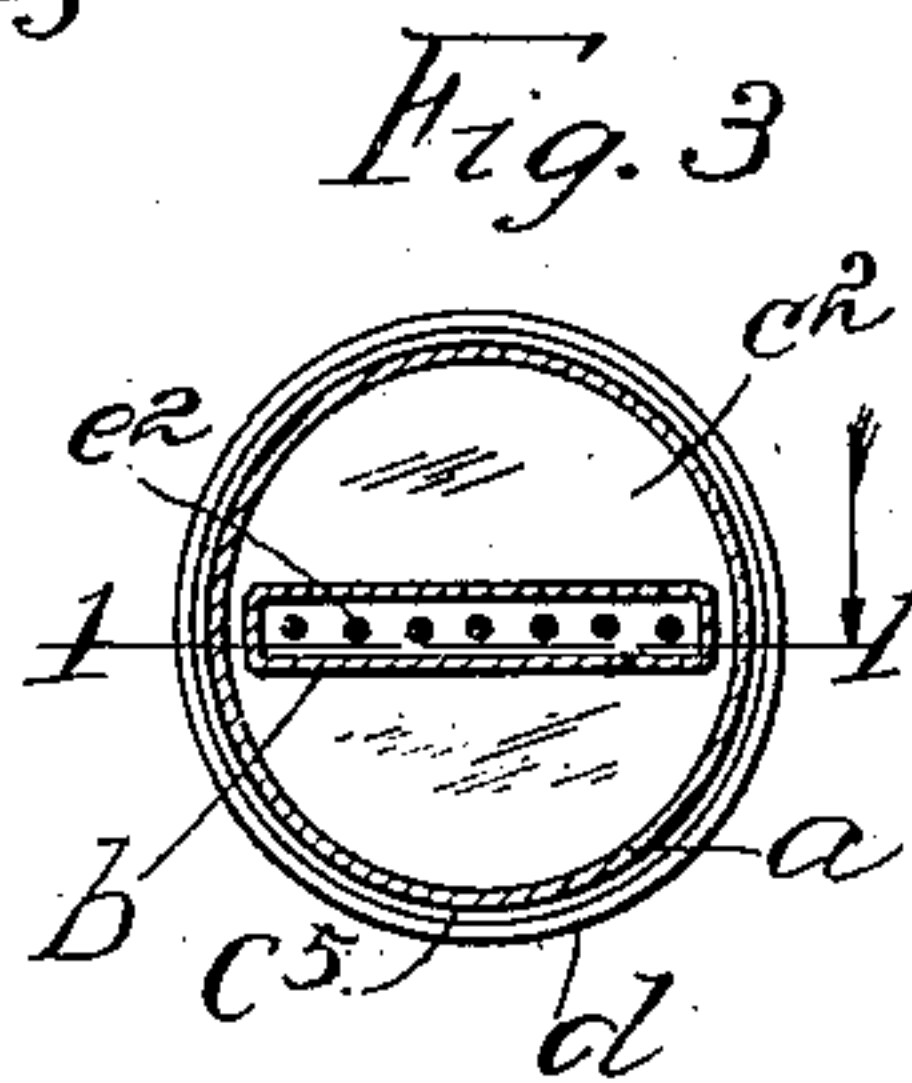
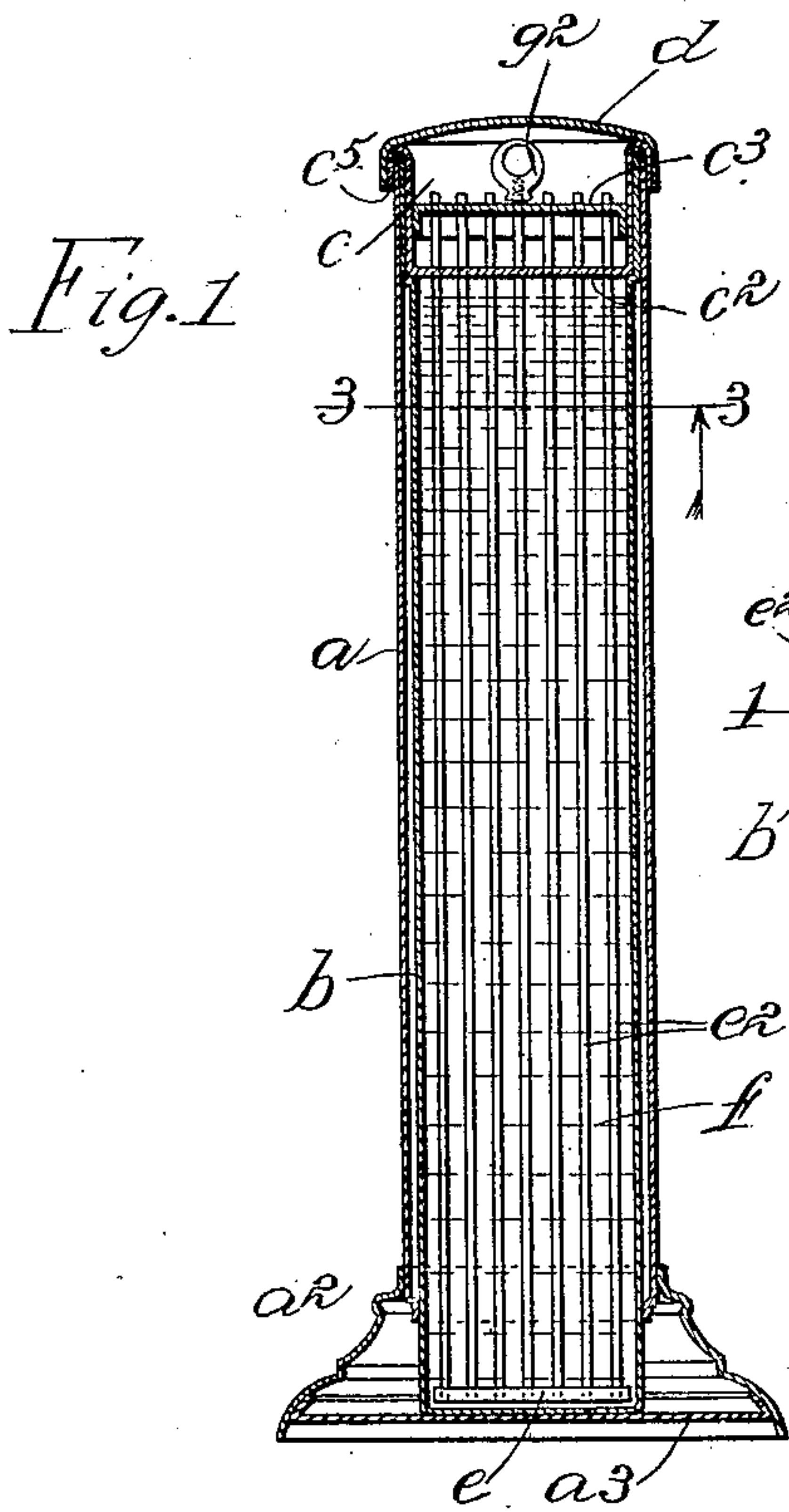
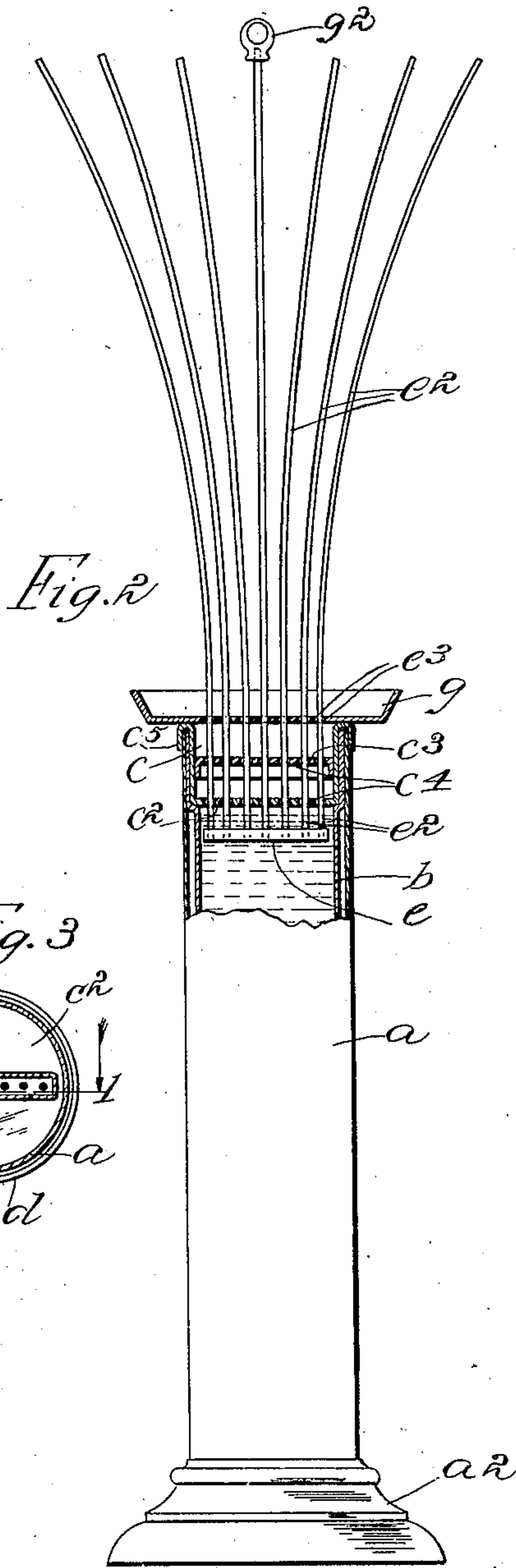
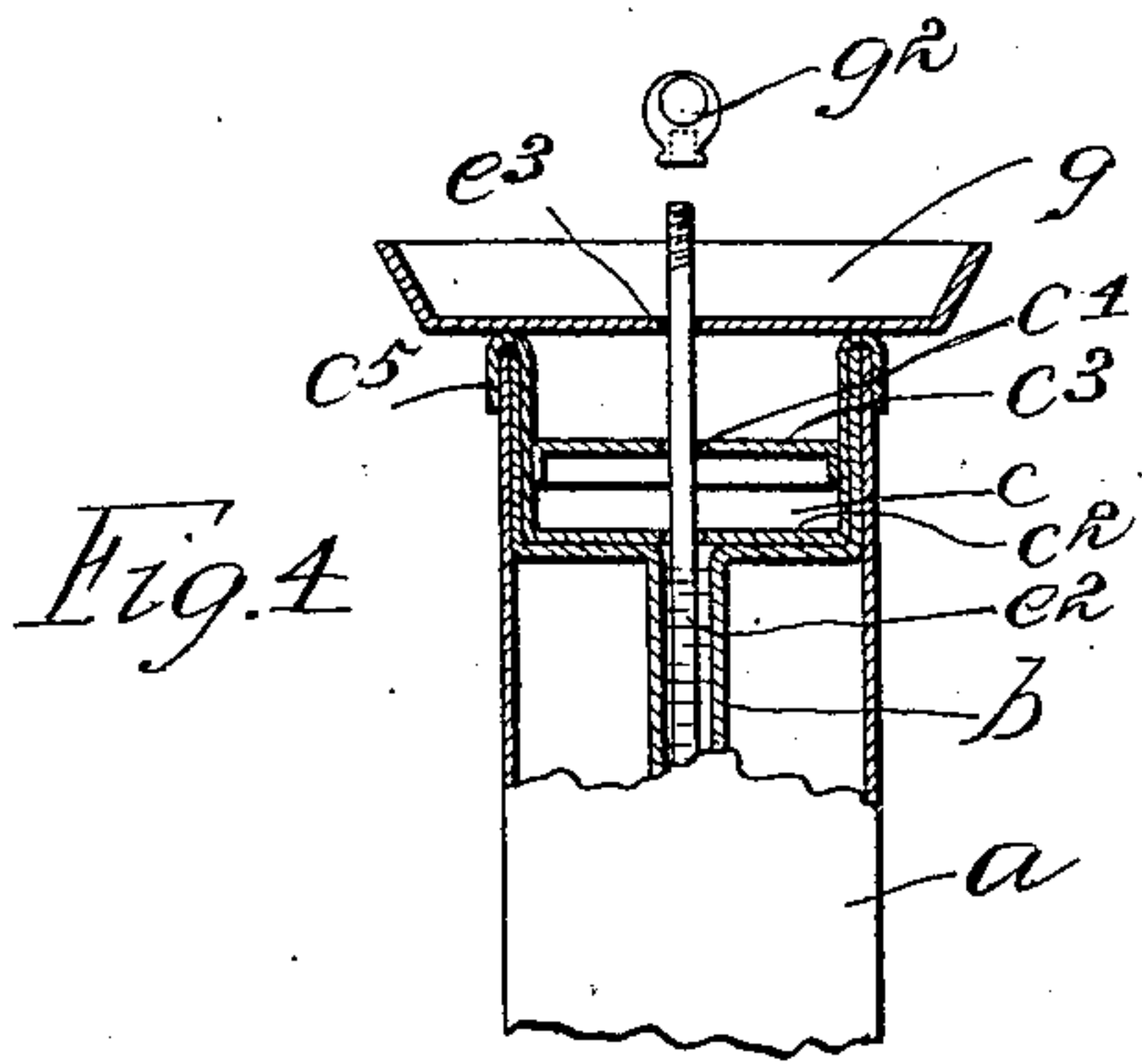
W. WEINFELD.

FLY CATCHER.

APPLICATION FILED FEB. 26, 1909.

925,616.

Patented June 22, 1909.



WITNESSES

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UNITED STATES PATENT OFFICE.

WOLF WEINFELD, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO WILLIAM GREENFIELD,
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FLY-CATCHER.

No. 925,616.

Specification of Letters Patent.

Patented June 22, 1909.

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To all whom it may concern:

Be it known that I, WOLF WEINFELD, a citizen of Hungary, and residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Fly-Catchers, 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 catching flies and other insects; and the object thereof is to provide an improved device of this class which may be placed upon a table, desk or other support and which is simple in construction and operation, and which may be used without danger of soiling or injuring the article or support on which it is placed.

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

Figure 1 is a sectional side elevation of my improved fly catcher device and showing the parts thereof folded together or telescoped together as when not in use, Fig. 2 a similar view showing the parts in position for use with only part of the construction in section, Fig. 3 a transverse section on the line 3—3 of Fig. 1, and;—Fig. 4 a view similar to Fig. 2 but taken at right angles thereto and showing the parts in a different position.

In the practice of my invention, I provide an upright casing *a* having a base *a*², and the casing *a* is preferably tubular in form and placed therein is a supplemental tube *b* which is preferably oblong or flat in cross section and which extends downwardly approximately to the bottom of the base *a*² as clearly shown in Fig. 1, and the base *a*² is preferably closed at the bottom as shown at *a*³.

The supplemental tube *b*, in the form of construction shown, is enlarged at the top, and said top portion of said tube is preferably circular in cross section and placed therein is a thimble-shaped box *c* which is open at the top and provided with a bottom *c*² and a partition plate *c*³, and the thimble-shaped box *c* is provided with a flange *c*⁵ which overlaps the top of the tubular casing *a* and the top portion of the device is adapted to be closed when not in use by a cap *d*.

Placed in the supplemental tube *b* is a vertically movable plate or plunger *e* with which are connected a plurality of spring wires or rods *e*² which pass loosely through the bottom *c*² of the box *c* and the partition plate *c*³, said bottom and partition plate being provided with holes or apertures *c*⁴ for this purpose and these holes or apertures are made of such dimensions as to permit of the free passage of said wires or rods without closely clamping the same.

In practice the tube *b* is filled or partially filled with a sticky or adhesive material *f* before the box *c* is placed in position, and a pan-shaped device *g* is placed on the wires or rods *e*², and said pan-shaped device is provided with apertures *e*³ similar to the apertures *c*⁴ in the bottom *c*² and partition plate *c*³ of the box *c*.

When the device is not in use the plate or plunger *e* is moved downwardly by means of the wires or rods *e*² until said wires or rods are concealed within the casing *a* and the cap *d* is placed in position. Whenever it is desired to use the device, it is placed on a table or other support, the cap *d* is removed and the handle *g*² which is connected with the central wire or rod *e*² is grasped and the said wires or rods and the plate or plunger *e* is pulled upwardly into the position shown in Fig. 2. In this operation the adhesive material *f* in the tube *b* adheres to said wires or rods, and flies or other insects will collect thereon and will adhere thereto by reason of the sticky or adhesive material thereon.

The handle *g*² is detachably connected with the central wire or rod *e*², and in practice after the wires or rods have been raised so that the upper ends thereof extend above the top of the casing *a*, the pan *g* is placed on said wires or rods, the ends of which pass through the apertures *e*³ and when the device is in use as shown in Fig. 2 the pan *g* rests on the top of the casing *a*, or on the flange or rim of the box *c* as shown in said figure, and when it is desired to remove the flies or other insects from the wires or rods *e*² the said wires or rods and the plate *e* are forced downwardly by grasping the handle *g*² until said wires or rods project slightly above the pan *g*, after which the handle *g*² is removed and the pan *g* may then be detached and cleaned.

In the downward movement of the wires or rods above described, the flies or other insects are scraped off or removed from the

wires or rods e^2 and rest in the pan g as will be readily understood, and after said pan g has been cleaned it is replaced on the wires or rods and the handle g^2 is again connected with the central wire or rod as shown in Fig. 2 and in Fig. 1. The wires or rods are resilient or composed of resilient material, and the friction thereof on the walls of the apertures e^3 in the pan g and the walls of the apertures e^4 in the bottom c^3 and the partition plate c^3 of the box c will hold said wires or rods and the plate e at any desired point of adjustment, or in the position shown in Fig. 2, and when the said device is not desired for use the handle g^2 is removed from the central wire or rod e^2 and said wires or rods are forced downwardly into the position shown in Fig. 1 and entirely within the casing a . The handle g^2 is then connected with the central wire or rod, and the cap d is placed in position as shown in said figure.

This device is particularly adapted to accomplish the objects for which it is intended; and various changes in and modifications of the construction described may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

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

1. A device of the class described comprising an upright tubular casing provided with a base or support, a box-shaped device placed in the top of said casing, a plunger vertically movable in said casing, and a plurality of wires or rods connected with said plunger

and passing upwardly through said box-shaped device.

2. A device of the class described comprising an upright casing provided with a base or support, a plunger vertically movable in said casing, wires or rods connected with said plunger and extending upwardly, and a transverse member placed in the top of said casing and through which said wires or rods are movable.

3. A device of the class described comprising an upright main casing provided with a base or support, a supplemental tube or casing placed therein, transverse members placed in the top of the supplemental casing, a plunger placed in said supplemental casing, and a plurality of wires or rods connected with said plunger and extending upwardly through said supplemental casing and through said transverse members.

4. A device of the class described comprising an upright casing provided with a base or support, a plunger mounted therein, a transverse member placed in the top of said casing, a plurality of wires or rods connected with said plunger and extending upwardly through said transverse member, said transverse member being provided with a detachable cap.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 23rd day of February 1909.

WOLF WEINFELD.

Witnesses:

SAMUEL VRABIL,
HENRY WEINFELD.