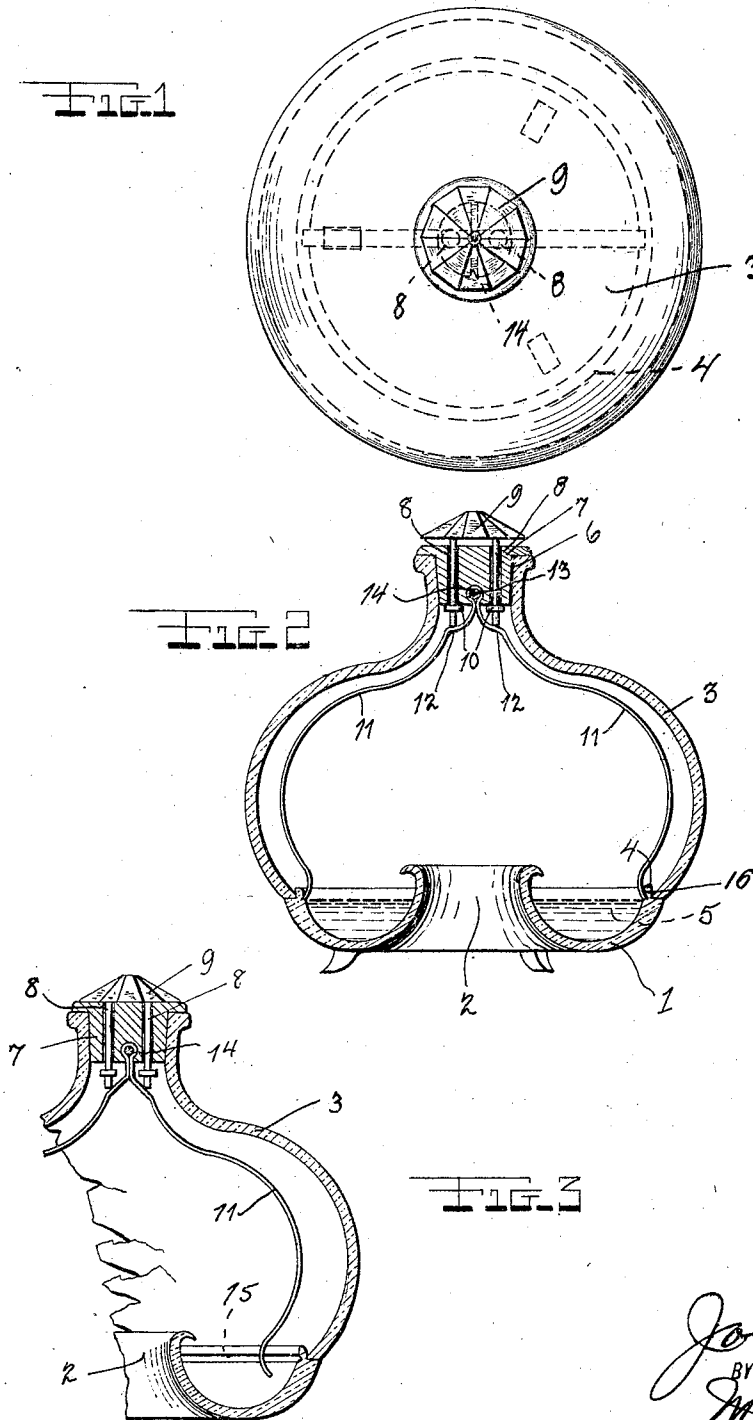


J. E. MAZIARZ.
INSECT TRAP.
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1,378,048.

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INSECT-TRAP.

1,378,048.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOSEPH E. MAZIARZ, a citizen of Poland, residing at Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Insect-Traps, of which the following is a specification.

The main object of this invention is the provision of an insect trap which may be readily dismantled for the purpose of cleaning or replacement of the fluid therein, and which is particularly designed to catch flies.

The above and other objects will become apparent in the description below, in which like-named characters of reference refer to like-named parts in the drawings.

Referring briefly to the drawings, Figure 1 is a plan view of my device.

Fig. 2 is a substantially central cross-sectional view thereof in elevation.

Fig. 3 is a fragmentary cross-sectional view showing the movable parts in a different relative position.

Referring now in detail to the drawings, the numeral 1 represents the base of my device which constitutes an annular chamber having a funnel-like central opening 2. An upper body member 3 rests upon the member 1 and is held in place by means of a ridge 4 on the top of said base. Liquid 5, preferably water, is kept in the chamber of the base.

A central neck or opening 6 is provided in the body 3, adapted to receive a glass stopper 7. A pair of vertical pins 8 are slidably mounted in said stopper, extending entirely therethrough, and having flanges 10 on their inner ends to limit their upward movement, and being rigid with an ornamental cap 9 at their upper ends. A horizontal pin 14 is slidably mounted in the stopper 7 near the lower end, and an eyelet 13 of a wire member having extended curved legs 11, surrounds said pin 14. The extremities 16 of said legs are adapted to engage an indentation or groove 15 inside the base 1, in order to hold the body 3 on the base 1, when the device is in use. Shoulders 12 are provided on the legs 11 which are

adapted to be engaged by the pins 8 upon depression of the cap 9, whence the legs 11 are forced toward each other and their extremities 16 are withdrawn from the groove 15, as illustrated in Fig. 3. In order to replace the body upon the base, the same is replaced with the cap 9 depressed, and then said cap is allowed to rise by force of the legs 11 spreading apart and engaging the groove 15.

In use the device works upon the principle of an insect's being attracted by the odor of a fluid or other substance which may be placed in the device, so that it will approach the same and enter through the opening 2. Being once under the opening, the insect will be attracted by the light through the stopper 7, and will move toward the light. Thus, being inside, the insect will eventually enter the water chamber where it will die.

I claim:

1. A device of the class described comprising a base having an annular chamber therein, a groove on the interior of said chamber, a body adapted to be mounted upon said base, means for retaining said body upon said base comprising a pair of members adapted to engage said groove, and means slidably mounted in the upper extremity of said body for engaging or disengaging said members with said groove.

2. A device of the class described comprising a base having an annular chamber therein, a groove on the interior of said chamber, a body adapted to be mounted upon said base, means for retaining said body on said base comprising a pair of members adapted to engage said groove, a stopper adapted to be mounted in the upper extremity of said body, vertical pins slidably mounted in said stopper, a cap rigid with the upper extremities of said pins, a shoulder on each of said members adapted to be engaged by said pins, said members forming the two legs of a single member secured to the lower extremity of said stopper.

In witness whereof I affix my signature.

JOSEPH E. MAZIARZ.