

N. Pike,
Fly Trap,

N^o 52,794.

Patented Feb. 20, 1866.

Fig. 1.

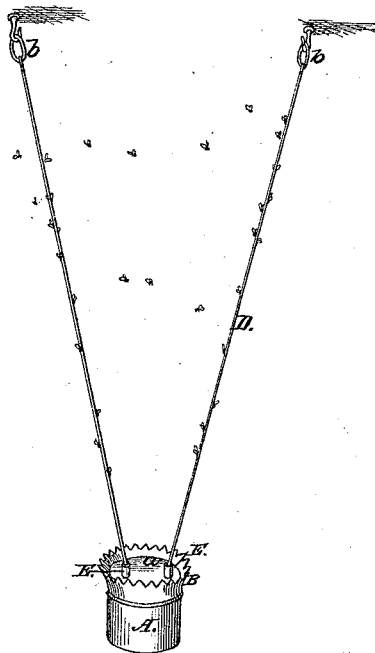


Fig. 2.

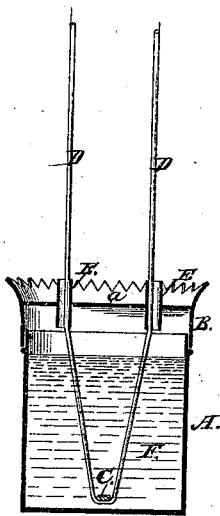
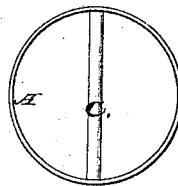


Fig. 3.



Inventor,
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Witnesses:
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UNITED STATES PATENT OFFICE.

NICOLAS PIKE, OF BROOKLYN, NEW YORK, ASSIGNOR TO EMMA TAYLOR,
OF SAME PLACE.

IMPROVEMENT IN FLY-TRAPS.

Specification forming part of Letters Patent No. **52,794**, dated February 20, 1866; antedated February 5, 1866.

To all whom it may concern:

Be it known that I, NICOLAS PIKE, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Fly-Catching Device; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a view of my invention adjusted for use; Fig. 2, an enlarged vertical central section of the same; Fig. 3, a plan or top view of the box with the upper part removed, so as to exhibit the interior.

Similar letters of reference indicate like parts.

This invention relates to an improvement in that class of fly-traps in which a composition is used as a bait and to hold or retain the flies by its adhesiveness.

The invention consists in applying the composition to a string, wire, or rod, and having the same pass through a box containing the composition, and arranged in such a manner that by moving either the string, wire, or rod, or the box, the former will be passed through the composition and the latter applied to it, and at the same time all flies on the string, wire, or rod stripped off and lodged in a receptacle at the top of the composition-box.

A represents a box, which may be constructed of sheet metal or other material of any suitable dimensions, and provided with a lid or cover, B, having a flange, *a*, extending upward all around it to form a receptacle to receive the entrapped flies. (See Figs. 1 and 2.)

Within the box A, near its lower end, there is secured a horizontal bar, C, around which a string or thin wire, D, passes, said string or wire passing up through two tubes, E E, in the lid or cover B, and having rings *b b* at its ends, by which the device may be suspended from a ceiling or any convenient fixture. (See Fig. 1.)

The box A is supplied with a composition, F, of such a nature that it will secure or hold the flies when the latter come in contact with it, and the string or wire D is smeared or covered with the composition by catching hold of one end of a ring at one end of it and draw-

ing it through the composition in the box until the ring at the opposite end comes in contact with a tube, E, and then catching hold of the latter ring and drawing it up or outward from the box until the other ring comes in contact with the other tube, the latter ring then being drawn outward until both rings may be placed in contact and the box is at the center of the string or wire. The box is then suspended, as shown in Fig. 1, and the flies will light upon the smeared string or wire and become attached thereto. When the string or wire becomes covered with flies the device is taken off from the hooks or nails on which it is suspended and the string or wire drawn through the tubes as before, the entrapped flies being stripped off from the string or wire by the tubes E, and dropping into the receptacle formed by the flange *a*, and the string or wire at the same time being again coated or smeared with the composition.

Thus by this simple means a very cheap and convenient device is obtained for coating or covering the wire, string, or rod with the composition, and the flies stripped from the wire, string, or rod with the greatest facility.

I would remark that, instead of a string or flexible wire, a rigid or stiff wire may be used and arranged so as to pass through the bottom of the box A; but I prefer the flexible string or wire.

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

1. A box for containing the fly composition, with a string, wire, or rod arranged in such a manner that by moving either the string, wire, or rod, or the box, the former may be drawn or passed through the composition, and the flies at the same time stripped from the string, wire, or rod, substantially as and for the purpose set forth.

2. In connection with the string, wire, or rod, constructing the lid or cover B of the box with a flange, *a*, to form a fly-receptacle, as set forth.

3. The box A, cover B, tubes E, bar C, and string or wire D, all arranged and combined substantially as and for the purpose specified.

NICOLAS PIKE.

Witnesses:

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