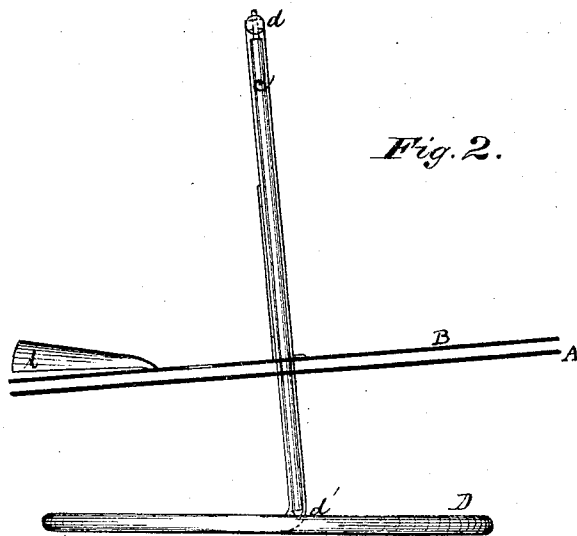
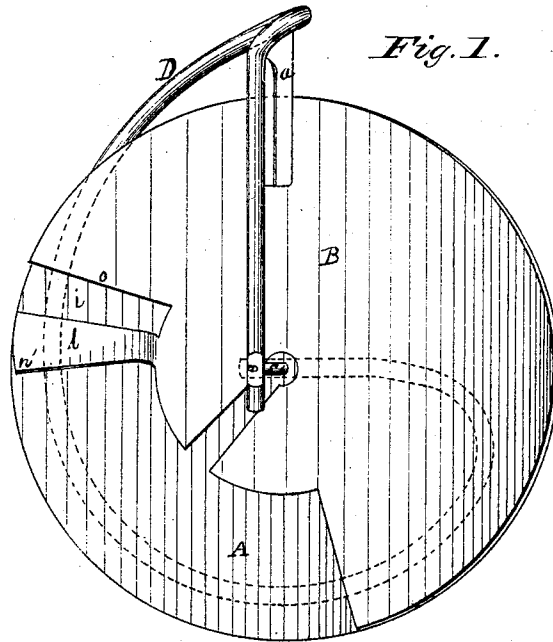


T. WHITMORE & J. BEEBE.
Improvement in Fly-Traps.

No. 128,444.

Patented June 25, 1872.



Witnesses:

Alonzo Hughes
H. S. Miller.

Inventors:

Titus Whitmore.
James Beebe.
by their attys.
A. H. & R. K. Evans.

UNITED STATES PATENT OFFICE.

TITUS WHITMORE AND JAMES BEEBE, OF WATERLOO, IOWA.

IMPROVEMENT IN FLY-TRAPS.

Specification forming part of Letters Patent No. 128,444, dated June 25, 1872.

To all whom it may concern:

Be it known that we, TITUS WHITMORE and JAMES BEEBE, of Waterloo, in the county of Black Hawk and in the State of Iowa, have invented certain new and useful Improvements in Fly-Traps; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

In the said drawing, Figure 1 is a top view of our invention, and Fig. 2 is a side view of the same.

The frame D has in it bearings *d* and *d'* for a shaft, *c*, which has fixed to it, near its center, a disk, A. The bearings are carefully centered so the disk will revolve easily. On the standard or frame D is soldered a shoulder, *a*, to which is fastened a disk, B, which has a part of it cut away. This disk B has a slot, *i*, cut in it, and the portion of it, *l*, between the cut-away part and the slot *i* is twisted so as to have its surface turned at an angle of about forty-five degrees from the plane of the surface of the disk B. The two disks and the shaft are arranged at a slight incline from the horizontal and perpendicular, the lowest point of the incline being near the point where the bent portion *l* is turned up. This leaves

the edge *n'* of the cut-away part furthest from the lowest point of the disks. The whole of these parts are covered by a screen or gauze coming down to the edge of the cut-away portion of the disk B and along the upper edge of the bent-up piece *l*. The opening of the cut-away part of the disk B exposes continually a portion of the disk A.

The operation of the trap is as follows: The disk A is moistened with something for bait. The flies light on the exposed portion of the disk, and, when a number have collected, gravitation causes the disk A to revolve until they pass under the bent-up portion *l* and are scraped off by the edge *o* of the slot, and they pass up through the slot into the gauze covering or screen.

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

An automatically-operating fly-trap, consisting of the frame D, shaft *c*, and disks A and B, constructed and arranged substantially as described.

TITUS WHITMORE.
JAMES BEEBE.

Witnesses:

D. WHITMORE,
P. M. BARNARD.