

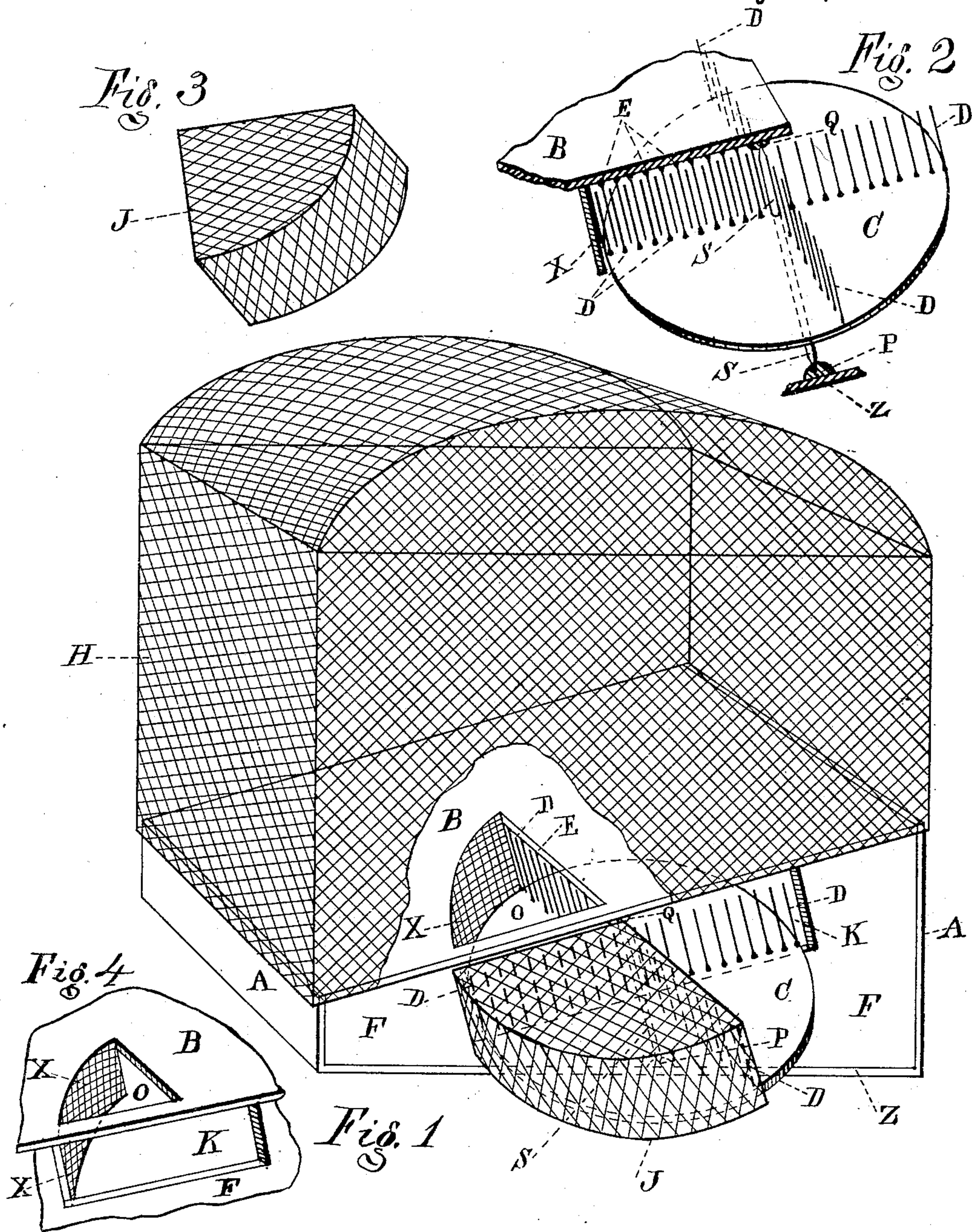
(No Model.)

E. TSCHIRA, Jr.

FLY TRAP.

No. 345,817.

Patented July 20, 1886.



WITNESSES:

George Wood Garrard.  
O. H. Halladay.

INVENTOR

Edward Tschira Jr.  
per J. E. Garrard

ATTORNEY



# UNITED STATES PATENT OFFICE.

EDWARD TSCHIRA, JR., OF CINCINNATI, OHIO.

## FLY-TRAP.

SPECIFICATION forming part of Letters Patent No. 345,817, dated July 20, 1886.

Application filed March 23, 1886. Serial No. 196,303. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD TSCHIRA, Jr., of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Fly-Traps, of which the following is a full and exact specification, reference being had to the accompanying drawings, forming a part of this statement, in which—

Figure 1 is a perspective view of the fly-trap with a part of the wire cage broken away to show the opening O in the top B of the box A. Fig. 2 is a view showing the several parts in detail. Fig. 3 is a perspective view of the covering J. Fig. 4 is a perspective view of the opening K in the side and the opening O in the top of the box A.

The same letters refer to the same parts throughout the several drawings.

My invention relates to improvements in fly-traps.

My invention consists, reference being had to the accompanying drawings, of the disk C, rigidly fastened to an axle, S, with which it revolves, said axle S having pointed bearings fitted in sockets P and Q at the bottom and top of the box A, and at liberty to revolve freely. The said disk is placed at an angle to the bottom Z and parallel to the top of the box, B. Across the disk C and at right angles to each other are two rows of pins, D, set in the disk C and perpendicular to it, and so placed as to pass between the pins E, extending down at right angles to the top of the box, B, and from the edge of the opening O of said top the covering J, made fast to the edge of the top of the box, B, so as to cover the disk C and the pins D as the disk revolves, the box A having the opening O in its top B, said opening being a fraction of a quadrant, and having its circular side X extending down below the disk C, and from its radial edge the pins E dependent to reach almost to the disk C. Said opening O in the drawings is shown larger than it is in the fly-trap, to show the construction. The opening K is in the top side of the box, F. Both of the openings are so constructed as to admit of the free revolution of the disk C and pins D through them.

My invention is operated by placing the disk C rigidly on the axle S, so that when the bearings of the axle S are placed in the sockets P and Q in the bottom and top of the box A, and parallel to the top of the box, B, allowing sufficient space between the disk C and the top of the box, B, for the free passage of the pins D, which are at right angles to the disk C and arranged in two rows across the disk, the pins D are so spaced that when the disk revolves they will pass between the pins E, which are placed at right angles to the top B of the box A, and extending downwardly from the edge of the opening O in the top of the box, B, so that when the flies or insects alight on the disk C it revolves by their weight, and while they are eating the sweets spread on the disk they are not disturbed till, by the revolution of the disk, they reach the pins E, extending down from the top of the box, when they are brushed back, and their only means of escape is through the opening O into the cage H, their escape in other directions being shut off by the covering J, the side of the opening O, and the incoming pins D by the revolving of the disk C. The cage H can easily be removed and replaced on the top of the box A by means of hooks or other suitable arrangements for holding it in place. If found desirable, the pins E can be hung at any other angle than at a right angle, in which case a sleeve or drum can be placed about the axle S.

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

In a fly-trap, the revolving disk C, mounted on the axle S, having the pins D, in combination with the box A, having the openings O and K, the pins E, the covering J, and the cage H.

The foregoing specification of my invention signed by me this 19th day of March, A. D. 1886.

EDWARD TSCHIRA, JR.

Witnesses:

GEORGE W. DOWNS,  
P. J. CADWALLADER.