

J. M. HARPER.
Improvement in Fly-Traps.

No. 131,098.

Patented Sep. 3, 1872.

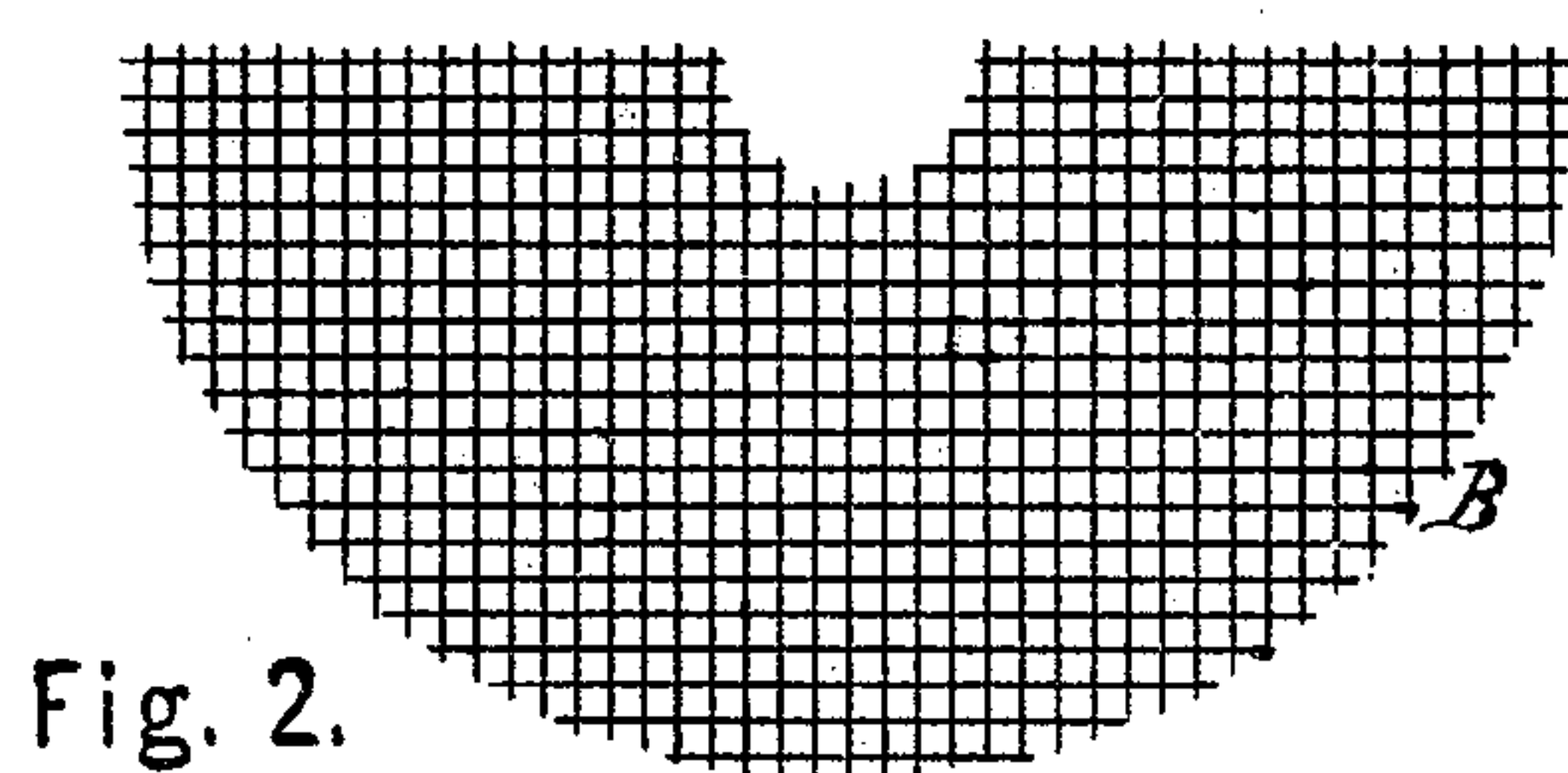
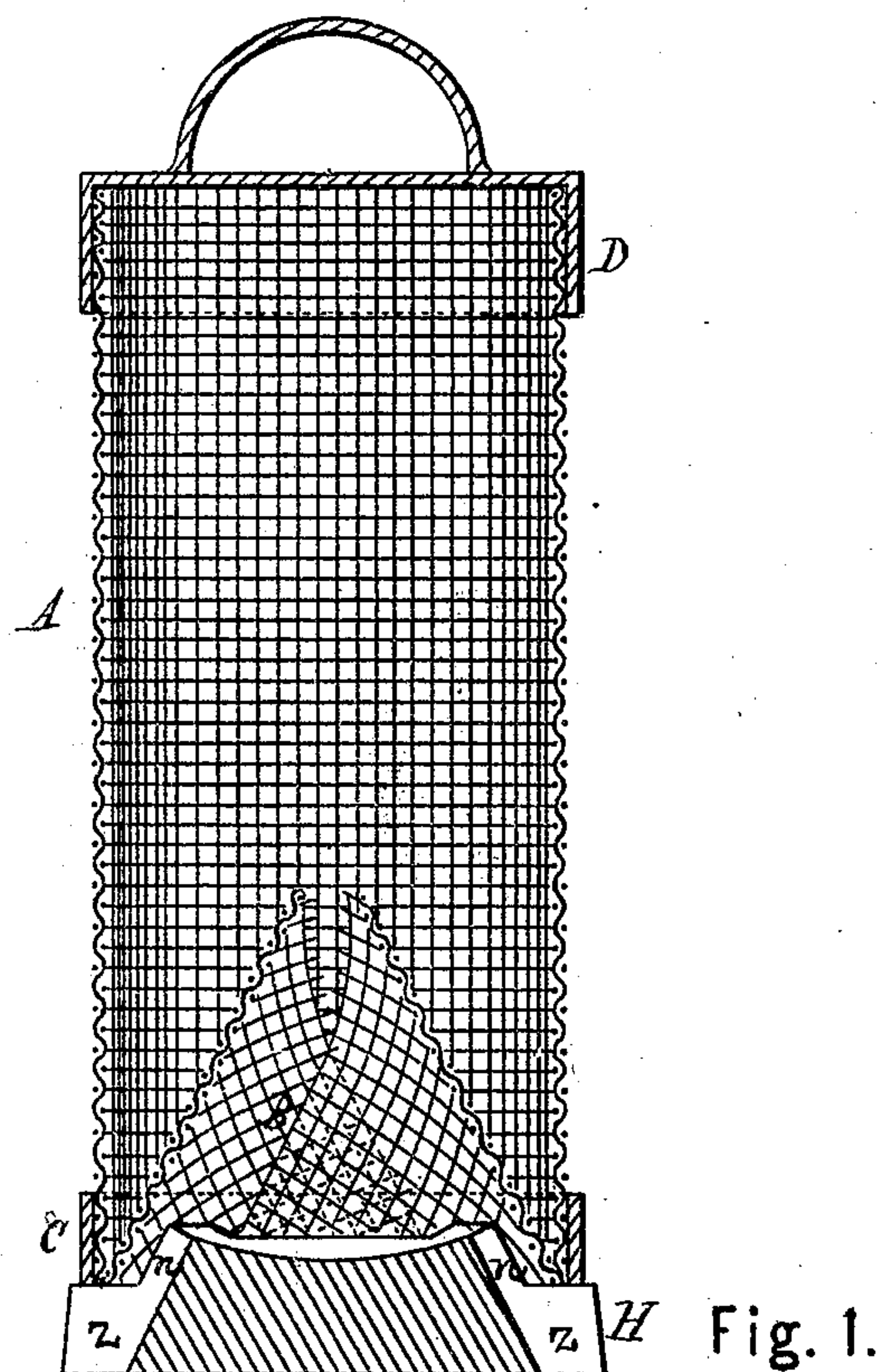


Fig. 2.

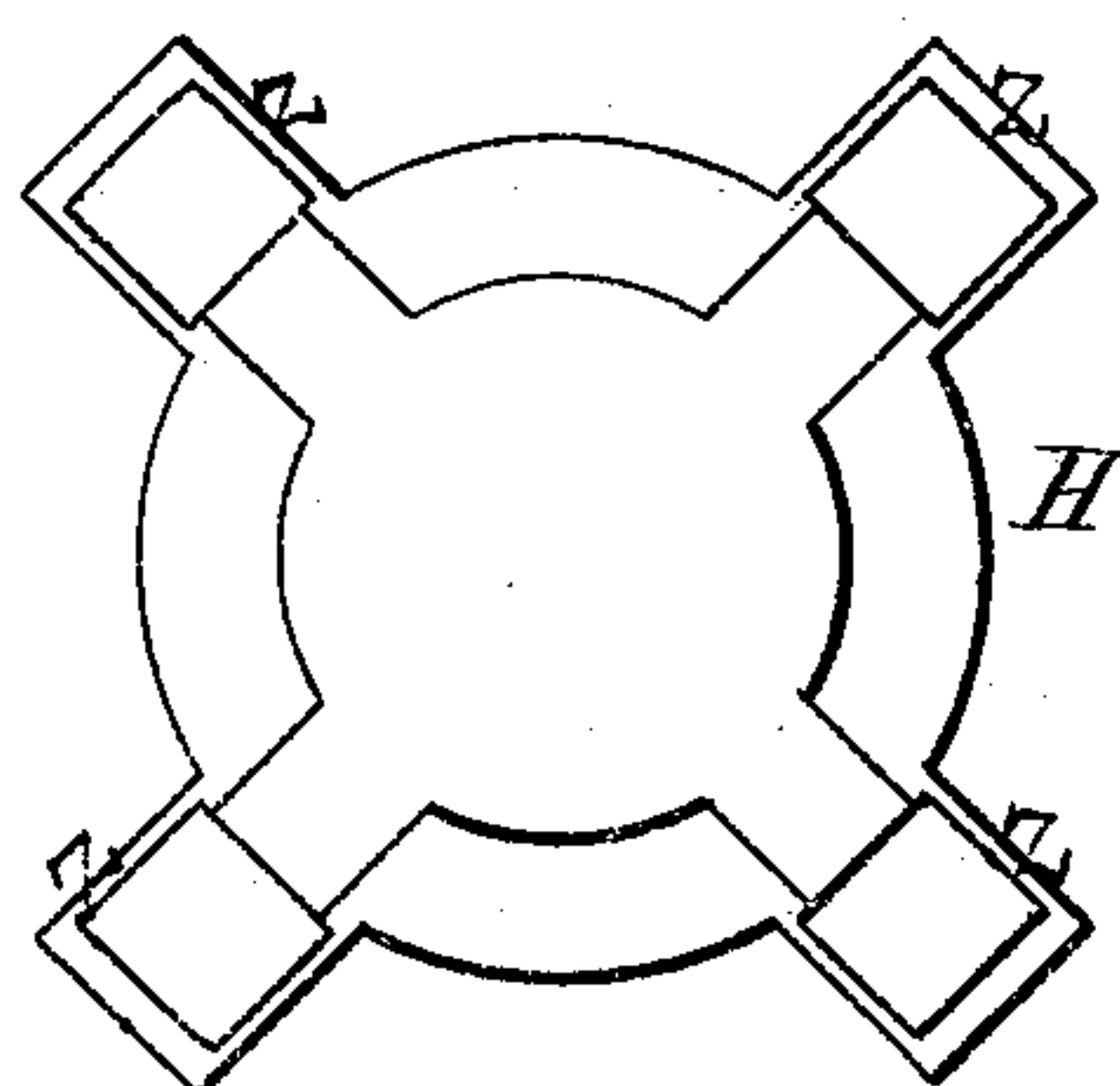


Fig. 3.

WITNESSES.

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UNITED STATES PATENT OFFICE.

JAMES M. HARPER, OF EL PASO, ILLINOIS.

IMPROVEMENT IN FLY-TRAPS.

Specification forming part of Letters Patent No. **131,098**, dated September 3, 1872.

To all whom it may concern:

Be it known that I, JAMES M. HARPER, of El Paso, in the county of Woodford and State of Illinois, have invented a new and valuable Improvement in Fly-Traps; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a sectional view of my invention. Fig. 2 is a detail view of my invention. Fig. 3 is a detail view of my invention, showing bottom of trap.

This invention has relation to the manufacture of fly-traps; and consists of the novel construction of the concave base-block with its conical shoulders, and the wire cylinder and base-cone adapted to fit said block, as hereinafter described, whereby such traps may be made with great rapidity and at comparatively small prices.

The letter A of the drawing represents a cylinder formed of ordinary wire cloth, and is constructed by taking a piece of such cloth of the proper length and of rectangular form and placing the two sides together so that they shall be slightly overlapped. B represents a hollow cone formed by cutting a piece of wire-cloth in the shape of a half circle, as shown by Fig. 2, and, after lapping the sides slightly, so as to leave an opening in the top, unite the bottom with the bottom of the cylinder A by

sewing them together with a wire or thread. C represents a ring encircling the bottom of cylinder A, and D is a ring and removable cap united, to serve both as a cover and support for the cylinder. The letter H represents the bottom of the trap, formed of a single piece, the bottom of which is flat and the top hollowed out to form a receptacle for the bait. It is also provided with shoulders *n* and arms *z*, as shown, to hold the bottom of the cylinder, leaving room for the passage of flies upward, as represented. The base of the wire cone is adapted to fit closely the conical shoulders *n* of the block, thereby serving to support the cylinder in place and prevent displacement or accidental overturning.

I am aware that traps having a cylindrical body and interior cone of wire cloth are not new, and hence I do not lay claim to the invention thereof; but

What I claim as my invention, and desire to secure by Letters Patent, is—

The fly-trap herein described, having cylinder A, cone B, ring C, cap D, and concave base-block H having conical shoulders *n* and horizontal arms *z*, constructed and arranged as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JAMES M. HARPER.

Witnesses:

C. E. BARNEY,
J. J. CASSELL.