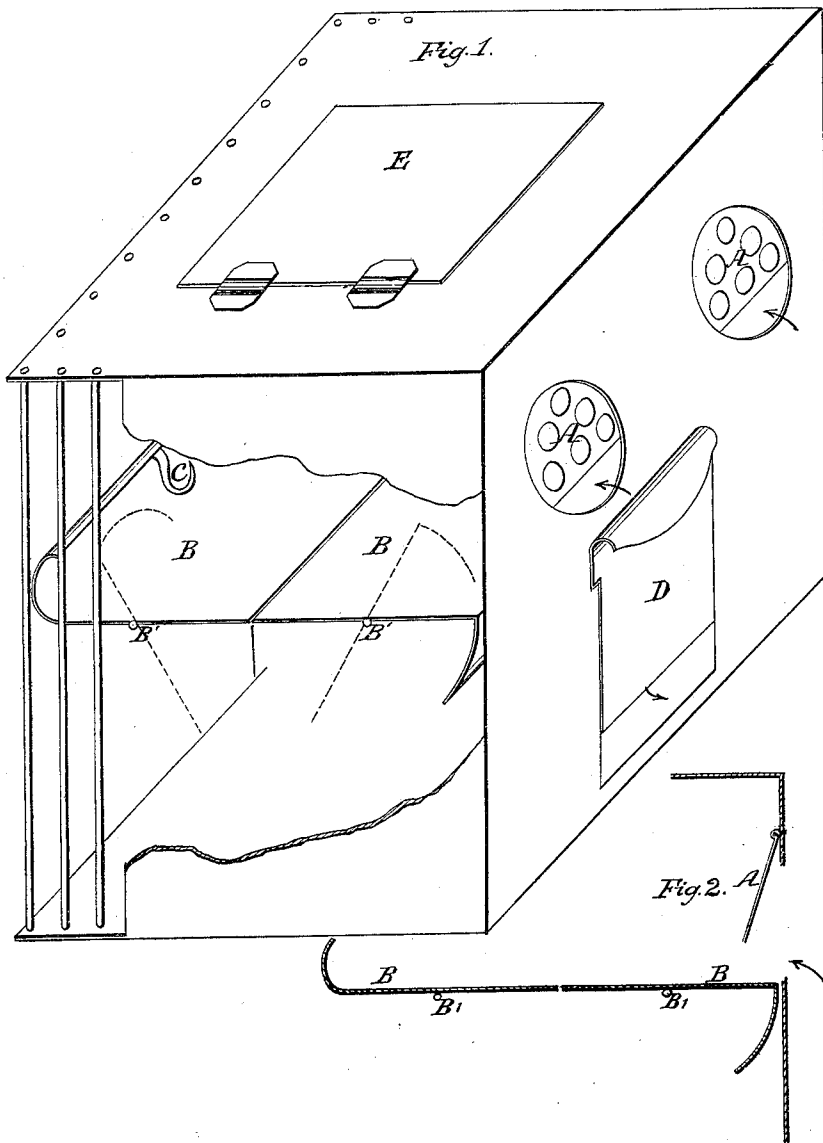


J. Hughson.
Animal Tray.

N^o 94,496.

Patented Sep. 7, 1869.



Witnesses.
H. W. Dopp.
Francis Just.

Inventor.
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United States Patent Office.

JOHN HUGHSON, OF BUFFALO, NEW YORK.

Letters Patent No. 94,496, dated September 7, 1869.

IMPROVED ANIMAL-TRAP.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JOHN HUGHSON, of the city of Buffalo, in the county of Erie, in the State of New York, have invented a new and improved Mode of Constructing Rat-Traps; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in providing rat or mouse-traps with two self-setting horizontal trap-doors, and self-setting perpendicularly-suspended trap-door or doors A A.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 is a perspective view of the rat or mouse-trap. A portion is cut out of one side, in order to show the construction and operation of the two horizontal trap-doors B B.

Figure 2 is a sectional cut of the two horizontal trap-doors B B, and the perpendicularly-suspended trap-door A.

A A are two perpendicularly-suspended trap-doors. They are secured by means of a hinge, with their upper ends to the inside of the back wall of the trap. Said trap-doors are somewhat shorter than the entering holes, which they are calculated to close. It will be observed, that as these doors are hung to the inside, and so as to leave a portion of the entering-holes open, a rat or mouse can easily get to the inside of the trap, and that as soon as a rat or mouse puts its head past the door A, it cannot go back any more, but will be obliged to go to the inside of the trap.

B B are two horizontal trap-doors, which are provided each with a small shaft, B', at its middle. Said doors have their fulcrum on said shafts. The front door B is also provided with a bait-hook. C. By means

of said two doors, B B, the trap is divided into two compartments, the upper, or entering compartment, and the lower, beneath the trap-doors B B, the receiving-compartment. Said doors are secured by means of shafts B' B' into the side walls, in which B' B' have their bearings. B B are so counterbalanced, that whenever they are opened, they will always fall back in their former position. It can easily be seen, that if a rat or mouse passes over the trap-doors B B, the same will open (as indicated by the dotted lines of fig. 1) and let the rat or mouse fall through into the lower compartment.

D is the door for letting out. Said door is provided, on its lower end, with a sharp edge, for the purpose of cutting off the rats' heads. This door is sliding up or down, as plainly seen in fig. 1. In order to kill a rat by means of said door, the same is to be sufficiently raised, so that the rat may put its head through, beneath said door, and then D is to be depressed.

E is a door, to enable baiting of the bait-hook C. A board, of suitable size, is to be put against the back wall of the trap, in order to enable the rats or mice to get to the entrance-holes A A with ease.

Claim.

Having thus fully described my invention,

What I desire to secure by Letters Patent, is—

The combination of the perpendicularly-suspended trap-door or doors A A, horizontal trap-doors B B, and letting-out and killing arrangement D, the same to be constructed and to operate as and for the purpose set forth.

JOHN HUGHSON.

Witnesses:

H. WM. DOPP,
FRANCIS JUST.