(No Model.) 2 Sheets—Sheet 1.

G. POTTER.

ANIMAL TRAP.

No. 472,814. Patented Apr. 12, 1892.

Fig. 1.

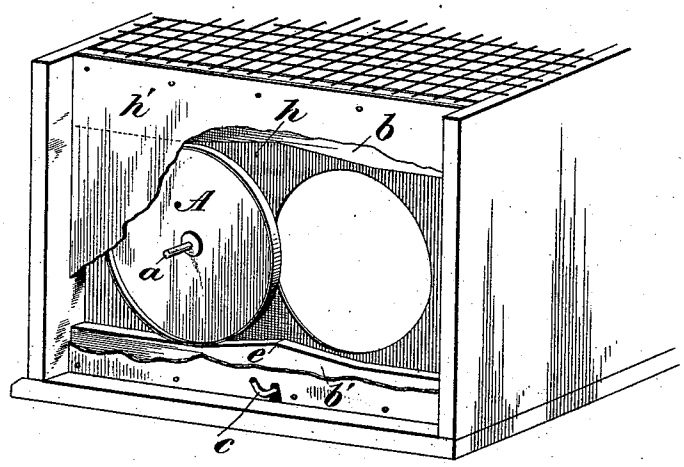
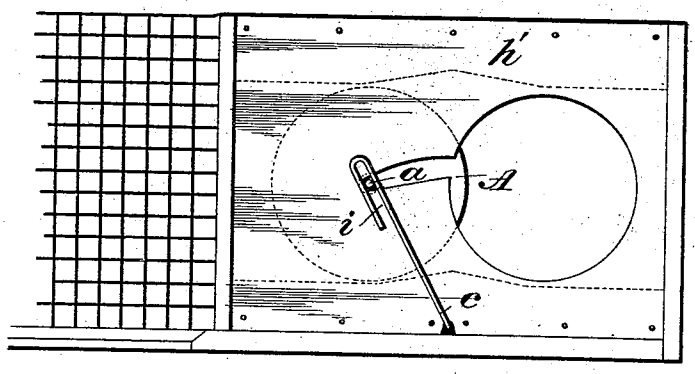


Fig. 2.



Witnesses
G. S. Elliott.
W. Johnson

Gideon Potter.
Inventor
by
Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

(No Model.) 2 Sheets—Sheet 2.

G. POTTER.

ANIMAL TRAP.

No. 472,814. Patented Apr. 12, 1892.

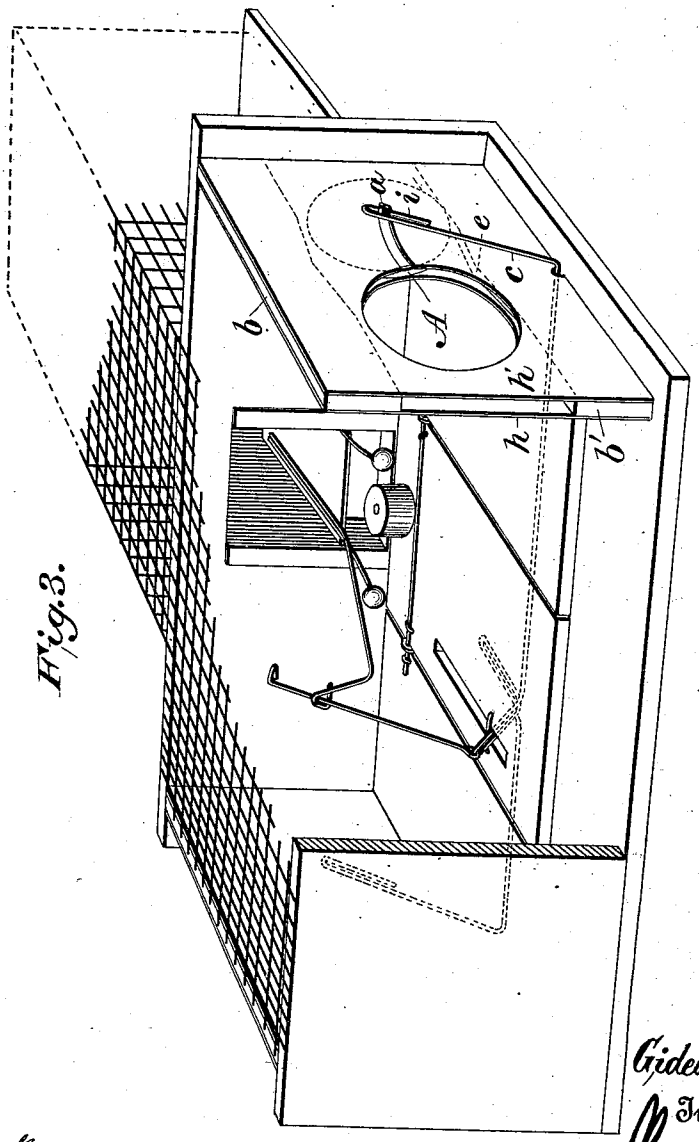


Fig. 3.

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UNITED STATES PATENT OFFICE.

GIDEON POTTER, OF OSCEOLA, ILLINOIS.

ANIMAL-TRAP.

SPECIFICATION forming part of Letters Patent No. 472,814, dated April 12, 1892.

Application filed December 30, 1891. Serial No. 416,572. (No model.)

To all whom it may concern:

Be it known that I, GIDEON POTTER, a citizen of the United States of America, residing at Osceola, in the county of Stark and State of Illinois, have invented certain new and useful Improvements in Animal-Traps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in animal-traps.

The object of the present improvement is to provide a door or gate which is adapted to move over the entrance-aperture of an animal-trap; and the invention consists in the construction and combination of the parts, as will be hereinafter fully set forth, and particularly pointed out in the claims, the same being designed more especially as an improvement upon my patent dated October 20, 1891, No. 461,710.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view partly broken away to better show the construction. Fig. 2 is an end elevation; and Fig. 3 is a perspective view, a part of the trap being broken away.

The operating mechanism of the trap is constructed as is shown in my prior patent referred to, with the exception of the shaft *c*, the bent ends of which in the present instance being located beyond the double walls *h h'*, the extreme ends being further bent to form open loops *i*, with which engage projecting pins attached to the rolling doors A A. Each outer plate *h'*, in addition to the circular aperture, is cut away at one side to provide an opening, into which the pin *a* passes. Between the double walls *h h'* are attached two strips *b* and *b'*, the upper edge of the lower strip presenting an oppositely-inclined surface *e*, while the lower edge of the upper strip is cut away to provide inwardly-inclined surfaces, as shown. The door A rests upon the lower strip, so that when it reaches the apex of the inclined surface thereof it will move by gravity either over the opening or away from the same, thus requiring less power to manipulate the doors than the construction shown in my prior patent.

It will be noted that the doors roll when being opened or closed.

The shaft *c* is operated by the pivoted platform in the same manner set forth in the patent referred to. The strips *b* and *b'*, having the inclined surfaces shown, allow the door to roll and at the same time prevent it being elevated.

Having thus described my invention, I claim—

1. In an animal-trap constructed substantially as shown, the combination of a shaft *c*, having looped ends which engage with projecting pins carried by rolling doors, said doors resting upon strips having oppositely-inclined surfaces, for the purpose set forth.

2. In combination with an animal-trap having entrance-apertures, rolling doors A, and a shaft *c*, having bent ends which engage with pins carried by the door for operating the same, substantially as shown, and for the purpose set forth.

3. In combination with an animal-trap constructed, substantially as shown, of walls *h* and *h'*, having apertures, strips *b* and *b'*, secured between said walls, the lower strip having oppositely-inclined surfaces, the upper strip being correspondingly cut away, and rolling doors A, having projecting pins with which the operating-shaft engages, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

GIDEON POTTER.

Witnesses:

CHARLES M. CARPENTER,

W. E. WHAPLE.