

M. B. MATHIAS.

NEST.

APPLICATION FILED MAY 6, 1908.

907,837.

Patented Dec. 29, 1908.

2 SHEETS—SHEET 1.

Fig. 1

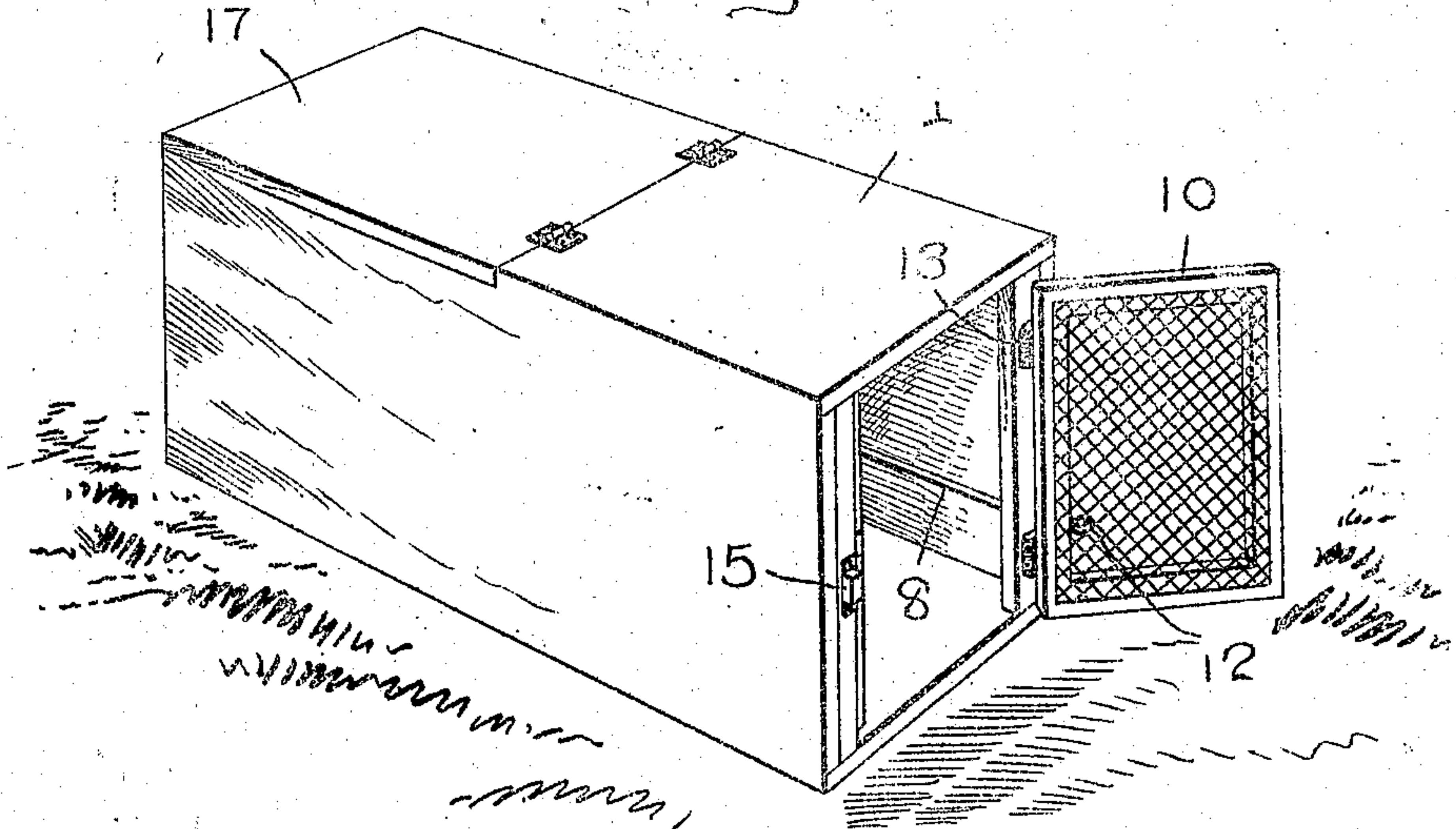
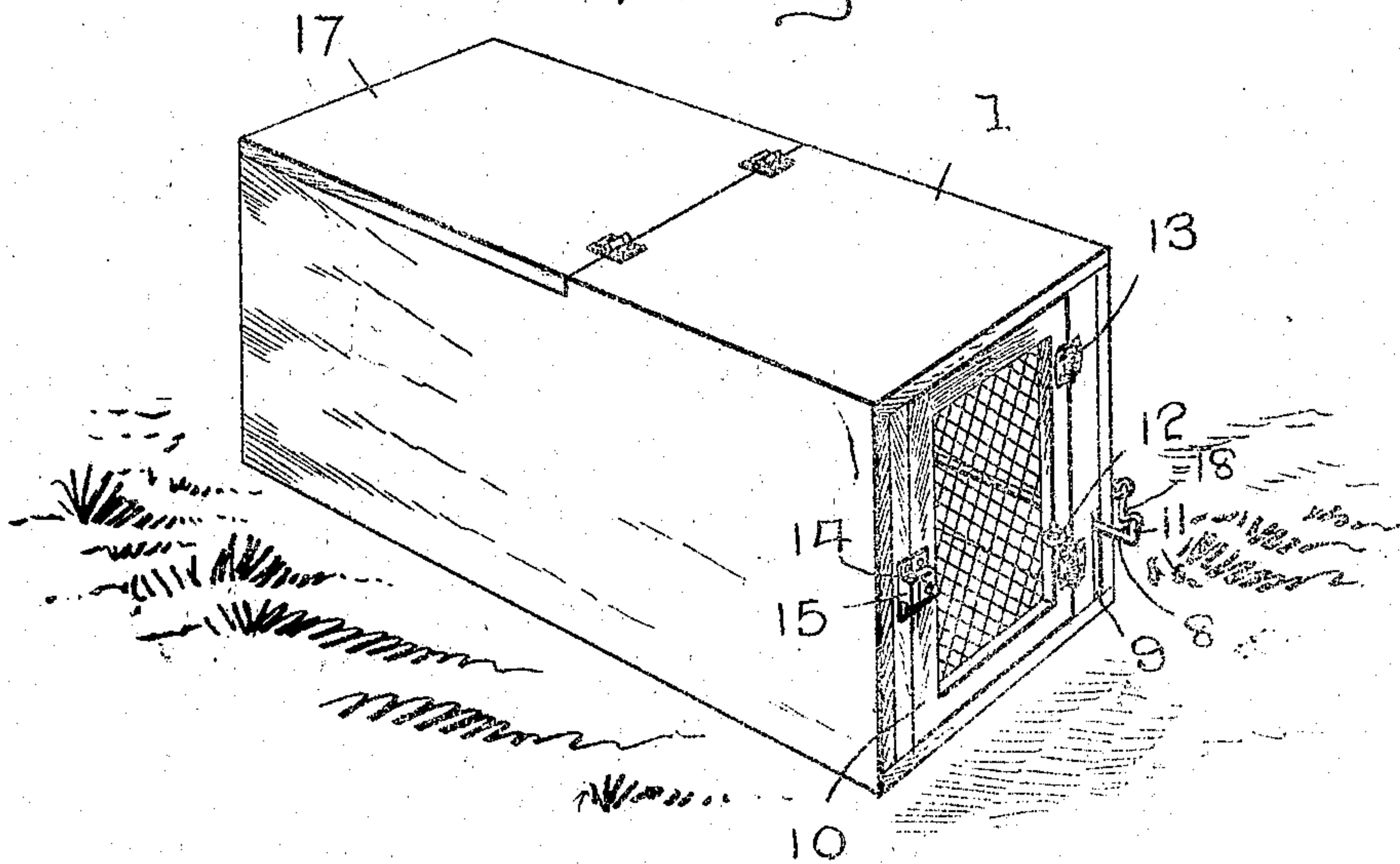


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

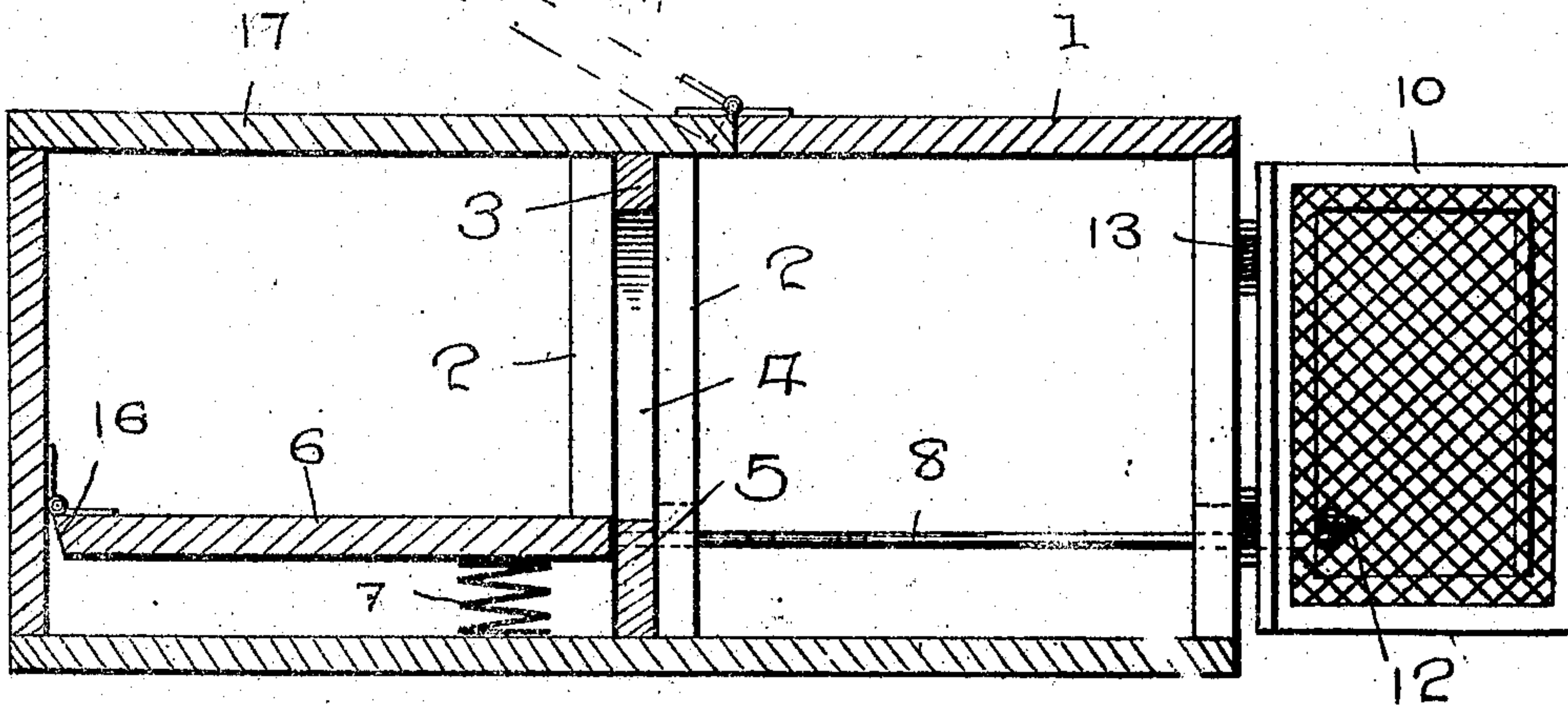
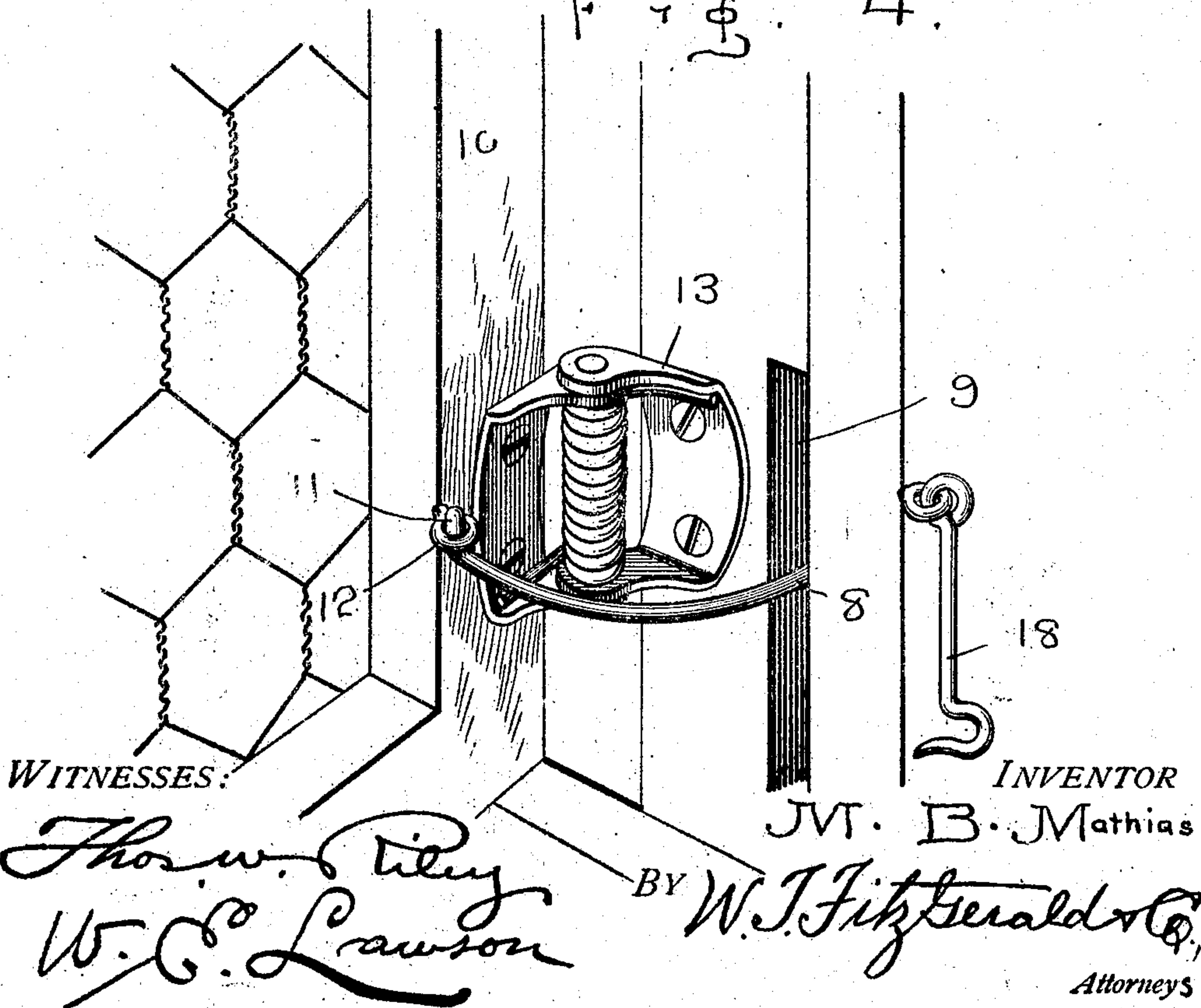


Fig. 4.



UNITED STATES PATENT OFFICE.

MANUEL BROWN MATHIAS, OF EAST OAKLAND, CALIFORNIA.

NEST.

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To all whom it may concern:

Be it known that I, MANUEL BROWN MATHIAS, a citizen of the United States, residing at East Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Nests; 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.

This invention relates to new and useful improvements in nests and has relation more particularly to a nest intended to be employed with an individual fowl.

It is also an object of the invention to provide a novel device of this character wherein the nest is provided with two compartments, one of said compartments having a movable bottom, which, when the weight of the fowl is placed thereon, will cause the door of the nest to close.

It is also an object of the invention to provide a novel device of this character, which will be simple in construction, efficient and advantageous in practice and comparatively inexpensive to manufacture.

With the above and other objects in view, the invention consists in the details of construction and in the novel arrangement and combination of parts to be hereinafter referred to.

In describing the invention in detail, reference will be had to the accompanying drawings forming part of this specification, wherein like characters of reference denote corresponding parts in the several views, and in which,

Figure 1 is a perspective view of the device in its open position. Fig. 2 is a perspective view of the device in its closed position. Fig. 3 is a vertical, longitudinal, sectional view of the invention. Fig. 4 is a detail perspective view of the catch employed in connection with the invention.

In the drawings, 1 denotes a box-like structure forming the body of the nest, having positioned approximately centrally of its length, to each of the longitudinal sides thereof, the cleats 2, which form guide-ways for a removable partition 3, having the central opening 4 of approximately semi-circular contour. This form of opening may be varied as desired or required. The lower end of this partition 3 rests upon a stationary cross piece 5, extending trans-

versely of the body 1 and the inner cleats 2 terminate at their lower ends at a point adjacent the upper edge of the cross piece 5 in approximately the same plane.

Pivoted within the body 1, to the rear wall thereof, is a platform 6, fitting snugly within the compartment formed by the partition 3 and arranged in such a position as to have its upper face normally flush with the upper edge of the cross piece 5. The platform is held in position by a coil spring 7 interposed between the bottom of the body 1 and the platform 6 adjacent the forward edge thereof. By contacting with the lower edge of the inner cleats 2, the proper normal position of the platform 6 is assured.

Secured to one longitudinal edge of the platform 6, is a rod 8, which passes through the forward compartment and projects through an elongated opening 9 in the front face of the body 1 adjacent to the side of the door 10. This rod has its exterior end terminating in a finger 11 adapted to pass through an eye 12 carried by the door 10. The hinges 13, connecting the door with the body 1, are suitable spring hinges arranged as to normally hold the door 10 closed, but when the finger 11 of the rod 8 is inserted through the eye 12, the door will be held open.

When a fowl enters the nest, especially the hen, it will seek the darkened compartment, which as is believed to be apparent, is the inner compartment formed by the partition 3. When the weight of the fowl is placed on the platform 6, the platform will be depressed and with the platform will be carried the rod 8 and the depression of the platform will be such as to release the finger of the rod 8 from the eye 12, when the door, owing to its spring hinges 13, will close.

In order that the door 10 may be held in its closed position, it is provided with a spring latch 14 acting in conjunction with the keeper 15 properly positioned on the body 1.

In order that the downward movement of the platform 6 may be limited and that a suitable movement may be permitted, the edge of the platform adjacent the rear wall of the body 1 is beveled, as shown at 16, Fig. 3.

In order that access may be easily had to the rear compartment of the body 1, the portion of the top thereabove and slightly in advance of the partition 3, is open and said open portion is closed by the cover 17, suit-

ably hinged to the body 1. In order that the door 10 may be held open against action of the spring hinges 13, or the depression of the platform 6, a hook 18 is suitably pivoted to the body 1 in such a position as to readily engage the eye 12.

A nest constructed according to the present invention may be termed a trap nest, as, after the fowl has entered the nest and passed within the inner compartment, the door 10 will close and hold the fowl in confinement.

The door 10 comprises a suitable frame, to which is secured wire, netting, or the like. Such arrangement has proved most advantageous in practice. By having the door reticulated, the proper ventilation of the body or nest is assured and it also permits the proper entry of light. And having the light entering at but one point and that point being forward of the nest, is also of advantage, as it causes the inner compartment to be darkened, as it is a well-known peculiarity of fowls to locate in the darkest localities when seeking a nest.

I claim:

A nest comprising a receptacle, a partition having an opening positioned within the receptacle dividing said receptacle into an inner and outer compartment, a hinged cover

carried by the top of the receptacle to permit access to the inner compartment, an automatically closing door carried by the receptacle for the outer compartment, a movable body within the inner compartment hinged at one end to the inner end of the inner compartment, said movable body extending in close proximity to the partition, a spring interposed between the floor of the receptacle, and the movable body adjacent the partition, said spring holding the movable body normally flush with the base of the opening of the partition, a rod projecting from a side of the movable body through the outer compartment to the exterior of the receptacle and adjacent the door thereof, the exterior end of the rod terminating in a finger, and an eye carried by the door through which the finger of the rod passes to hold the door open, said finger being released from the eye when the movable body moves in a direction to compress the spring.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MANUEL BROWN MATHIAS.

Witnesses:

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