

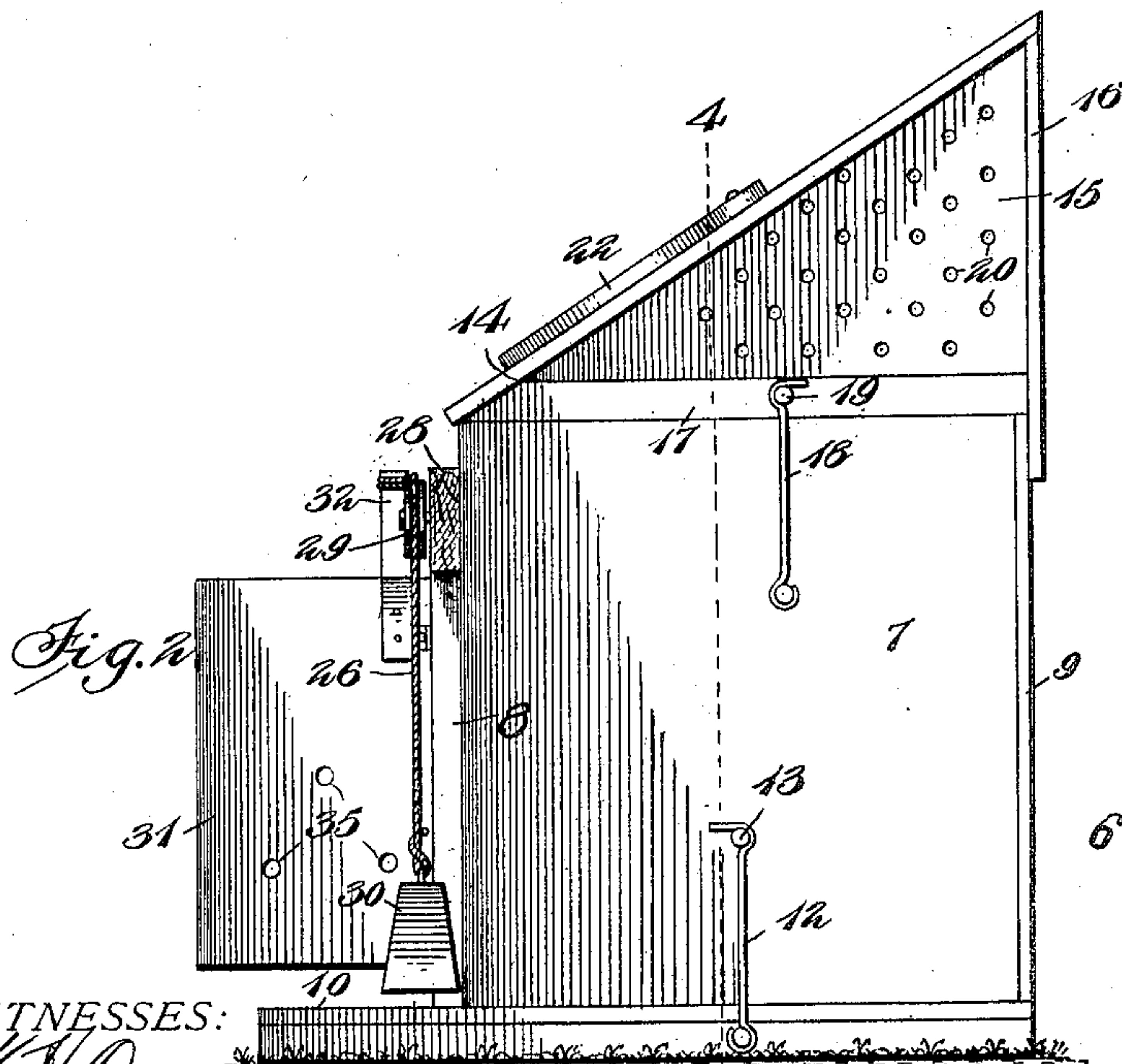
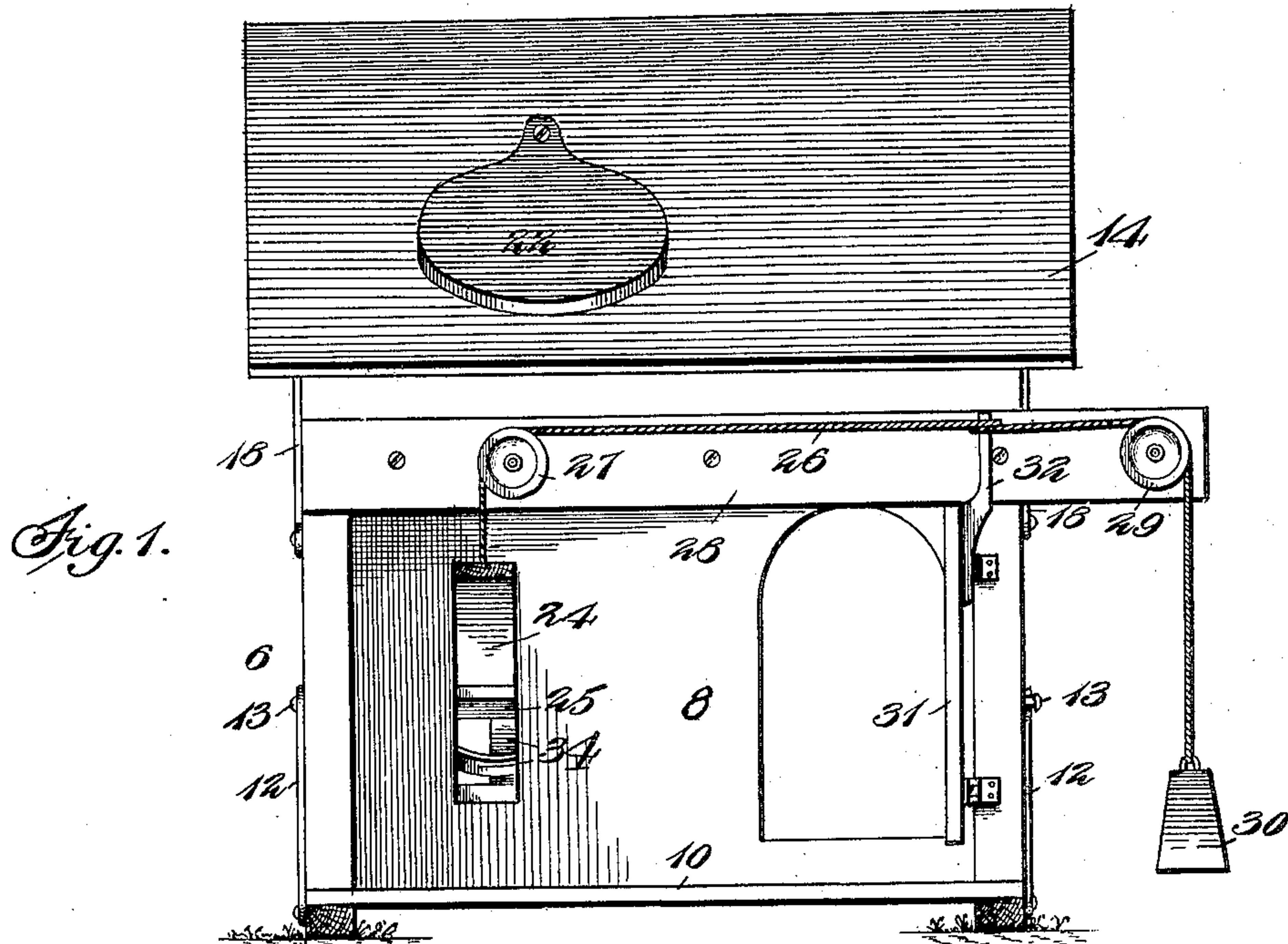
No. 827,545.

PATENTED JULY 31, 1906.

A. LUCIA.
HEN'S NEST.

APPLICATION FILED MAY 3, 1906.

2 SHEETS—SHEET 1.



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2 SHEETS—SHEET 2.

Fig. 3.

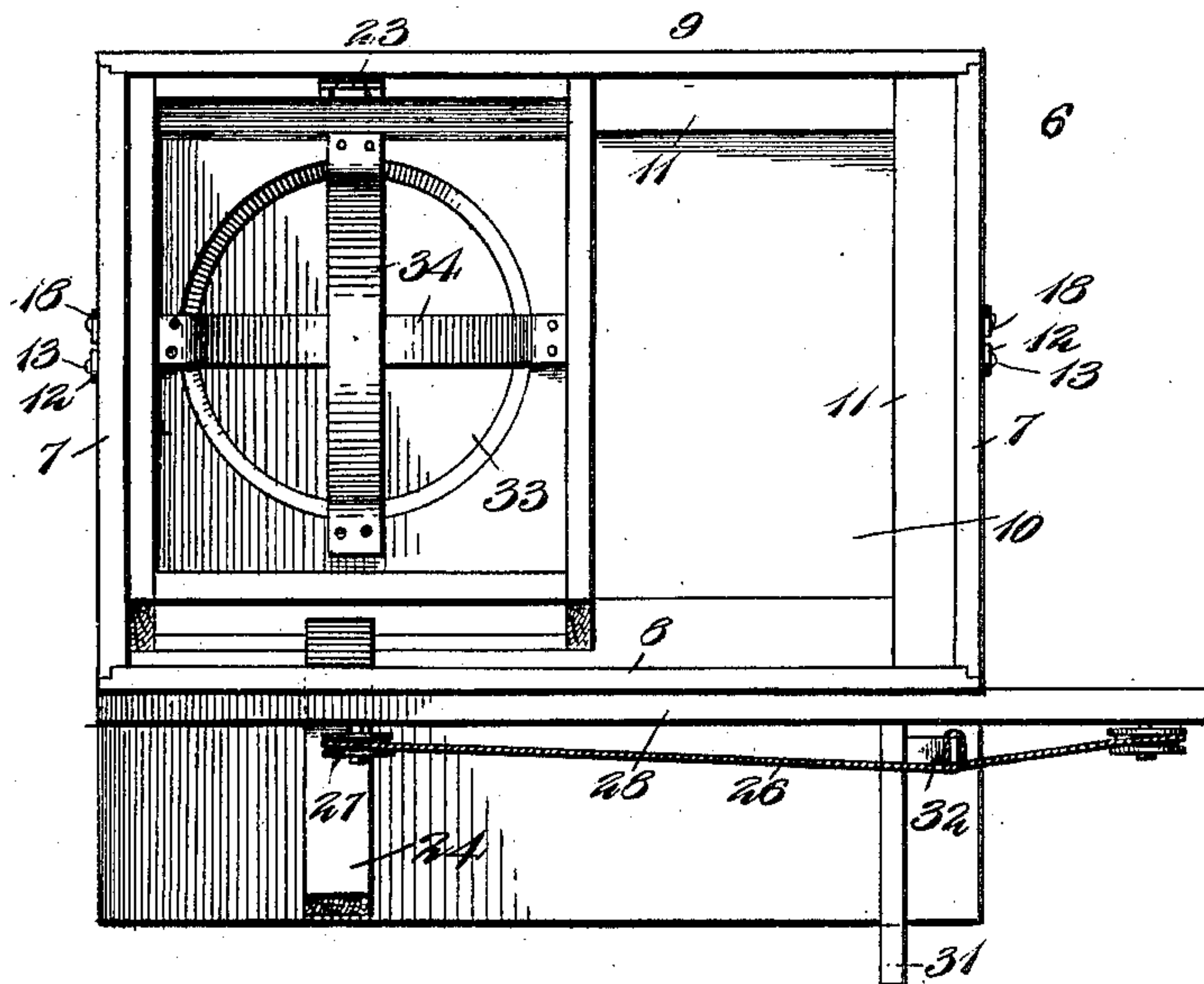
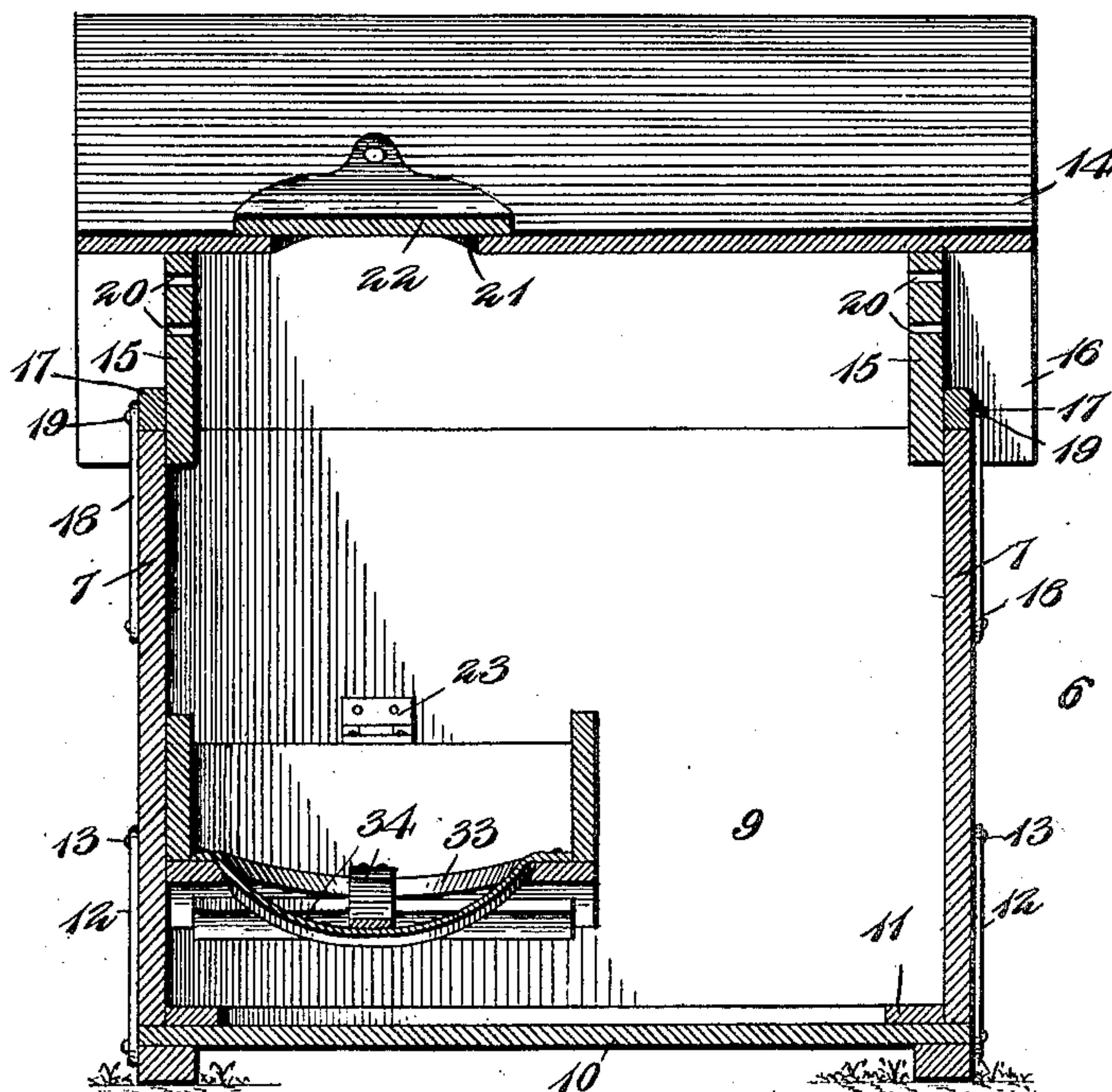


Fig. 4.



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HEN'S NEST.

No. 827,545.

Specification of Letters Patent.

Patented July 31, 1906.

Application filed May 3, 1906. Serial No. 314,993.

To all whom it may concern:

Be it known that I, ALEXANDER LUCIA, a citizen of the United States, residing at Hurley, in the county of Iron and State of Wisconsin, have invented new and useful Improvements in Hens' Nests, of which the following is a specification.

This invention is a nest for hens or other fowls; and it comprises a housing to which entrance is had through a door which is normally open. The housing contains a hinged nest-box which tilts when it is occupied and is connected to the door in such a manner that it will close the door when tilted.

In the accompanying drawings, Figure 1 is a front elevation of the invention. Fig. 2 is an end elevation. Fig. 3 is a plan view with the top removed. Fig. 4 is a longitudinal section on the line 4 4 of Fig. 2.

Referring specifically to the drawings, 6 denotes a housing or box having end walls 7 and front and rear walls 8 and 9, respectively. These walls are removably supported on a platform 10, having on the top thereof ledges 11, against which the walls fit to prevent lateral displacement thereof. The housing is fastened to the platform by hooks 12, pivoted on the ends of the platform and engaging pins 13, extending from the end walls. A removable top or cover is also provided comprising a shed-roof 14, end pieces 15, and a rear wall 16. On the outside of the end pieces 15 are secured cross-strips 17, which engage the top edges of the end walls 7 to support the top. The rear wall 16 extends outside the rear wall 9 and below the top edge of the latter, and the end pieces 15 extend inside the end walls 7 and below the top edges thereof, so that a tight joint is had between the housing and its top. The top is fastened to the housing by hooks 18, pivoted on the end walls 7 and engaging pins 19 on the cross-strips 17. The end pieces 15 have perforations 20 for ventilation. The roof 14 has an opening 21 through which access is had to the inside of the housing for the purpose of removing the eggs from the nest or otherwise. The opening is provided with a suitable closure 22. The nest-box is hinged at its rear end, as at 23, to the rear wall 9 and carries at its front end a projecting stem 24, extending through a slot 25 in the front wall 8. One end of a

rope 26 is made fast to the stem outside the housing, and this rope extends upwardly and over a guide-pulley 27, mounted on a beam 28, extending across the front wall. From this pulley the rope extends horizontally along the beam and over another pulley 29 near the end thereof and then downwardly, its end carrying a weight 30.

The front wall has a doorway in which is hinged a door 31. The door is located between the end of the rope made fast to the stem 24 and the weight 30 and has a projecting stem 32, to which the rope is connected. As this connection is made between the stem and the weight, the door will be normally held open by the latter. The weight also raises the stem and holds the nest in elevated position, the upward movement of the stem being limited by the top end of the slot 25. The bottom of the nest-box has an opening 33, across which extend straps 34 to support the straw or other material which will be placed in the box when in use. The bottom of the nest-box is made open, as stated, for the purpose of ventilation. The door 31 also has holes 35 for the same purpose.

In use the hen enters the housing through the door 31, which, as stated, is normally open. When the hen gets on the nest-box, its weight will cause the box to tilt and to depress the stem 24. When the stem descends, the weight is pulled up and the door 31 is closed. When the hen leaves the nest, the door is automatically opened by the descent of the weight, and the stem and nest swing back to their original positions.

A nest constructed as herein described can be thoroughly cleaned, as the platform, housing, and top are separable. The door-operating mechanism is simple in construction and reliable in operation, there being no complicated parts to get out of order.

I claim—

1. A nest comprising a housing having a door, a tilting nest-box in the housing and having a projecting stem extending to the outside thereof, a rope connected to the stem and to the door, guide-pulleys for the rope, and a weight on the free end of the rope.

2. A nest comprising a housing having a slot in the front wall thereof, a tilting nest-box in the housing and having a projecting

stem extending through the aforesaid slot to the outside of the housing, a rope having at one end a weight and connected at its other end to the stem, guide-pulleys for the rope, a
5 doorway in the housing, and a door therein connected to the rope between the stem and the weight.

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

ALEXANDER LUCIA.

Witnesses:

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