

W. J. MANLY.
FEEDING DEVICE FOR POULTRY.
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Fig. 1.

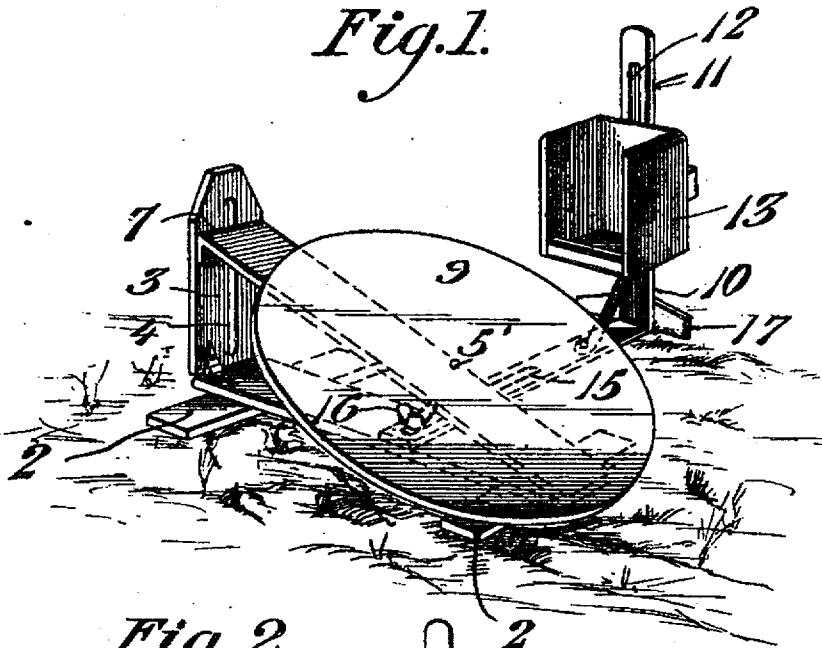


Fig. 2.

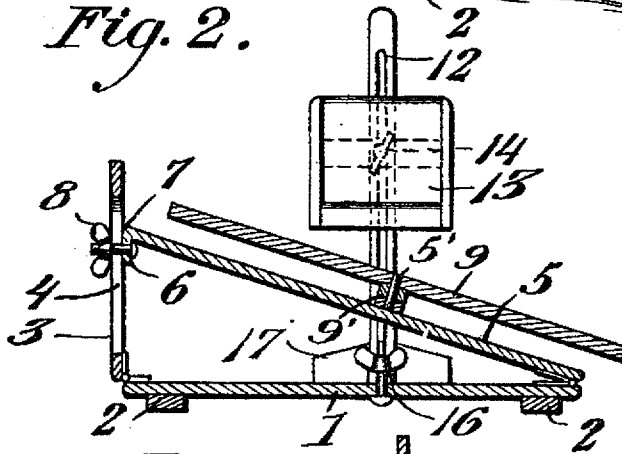
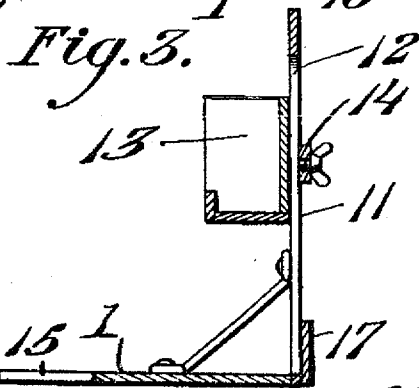


Fig. 3.



Witnesses

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FEEDING DEVICE FOR POULTRY.

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To all whom it may concern:

Be it known that I, WILLIAM JARED MANLY, a citizen of the United States, residing at Erie, in the county of Erie and State of Pennsylvania, have invented new and useful Improvements in Feeding Devices for Poultry, of which the following is a specification.

The invention relates to an improvement in feeding devices for poultry, comprehending specifically an exerciser and feeder in the use of which the fowls secure a beneficial amount of exercise in feeding.

The main object of the present invention is the production of a device so constructed and arranged that the fowl in order to secure the food carried by the stretcher is compelled to undergo increased exercise as compared with the ordinary manner of feeding, whereby the fowls in the act of feeding are given that degree of exercise best suited to insure their proper condition.

The invention will first be described in the following specification, reference being had particularly to the accompanying drawings, in which—

Figure 1 is a perspective view of a device constructed in accordance with my invention. Fig. 2 is a vertical central section of the same through the supporting-frame; Fig. 3, a transverse vertical section through the feed-box.

Referring particularly to the drawings, my improved device comprises a base 1, preferably an elongated strip of wood or metal supported upon end cross-bars 2. To one end of the device is hinged an upright 3, which is formed with a longitudinally-arranged slot 4. To the opposite end of the base is hinged or otherwise movably secured what I term a "supporting-plate" 5, the free end of which is turned downwardly at an angle to the plane of the plate to provide a lip 6, in which is secured an adjusting-bolt 7, adapted for passage through the slot 4 in the upright 3, being secured therein through the medium of a thumb-nut 8, engaging the bolt on the outer side of the upright. By this construction the supporting-plate 5 may be arranged at any desired angle relative to the base 1, the hinged connection of the upright and supporting-plate permitting the necessary independent movement of the parts of the set-screw, serving in an obvious manner to support the plate 5 at the desired angle.

Pivotaly secured to and in a plane above the supporting-plate is a platform 9, prefer-

ably of circular outline in plan and of any desired diameter. The pivotal connection of the platform with the plate 5 is such that said platform is mounted for independent and free evolution, as will be evident, such connection preferably comprising a pin 5', projecting from the plate 5 and engaging an opening formed in the platform 9, suitable spacing-collars 9' being arranged on the pin between the plate and platform.

A right-angle bracket 10 is secured to the base 1, extending therefrom at right angles to the length of said base, the upright or vertical arm 11 of which bracket is arranged beyond the operative plane of the platform 9 and formed with a vertically-arranged slot 12. A feed-box 13 is adjustably secured to the arm 11 through the medium of a thumb-screw 14, engaging said box and passing through the slot 12. The box is preferably inclosed on three sides and at the bottom, being open at the top and at the side next the platform 9. The relative arrangement of the box and platform is such that the open side of said platform is immediately adjacent the proximate edge of the platform, so that a fowl supported upon the platform can conveniently reach the food placed in the box.

In operation the fowls desiring the food in the box and stepping upon the platform cause the same to revolve under their weight, with the result that they are compelled to move rapidly forward to maintain such position on the platform as will enable them to reach the food in the box. It is of course to be understood that in all relative positions of the parts the supporting-plate 5, and therefore the platform, is disposed at an angle to the base 1, whereby to provide for the necessary movement of the platform under the weight of the fowl. The angular adjustment of the plate 5, however, will permit of the angular arrangement of the supporting-plate being adjusted to accommodate the device to the weight of the particular species of fowls, it being of course evident that the heavier the fowl the less the relative inclination of the platform, as it is only desired that the weight of the fowl cause a revolution of the platform during the attempting of the fowl to reach the feed-box.

The device is primarily designed for use in brooding yards or coops incident to the ordinary fowl-raising, though it is evident that it is equally serviceable in other situations, and I contemplate its use under such conditions.

Having thus described the invention, what is claimed as new is—

1. A combined exerciser and feeder comprising a feed-box, and a revoluble platform supported adjacent thereto.

2. A combined exerciser and feeder comprising a feed-box, and an inclined revoluble platform supported adjacent thereto.

3. A combined exerciser and feeder comprising a feed-box, an inclined platform movably supported adjacent thereto, and means for adjusting the inclination of the platform.

4. A combined exerciser and feeder comprising a feed-box, a supporting-plate arranged adjacent thereto, means for adjusting the inclination of said plate, and a platform revolubly supported by the plate.

5. A combined exerciser and feeder comprising a base-plate, an upright movably secured at one end thereof, a supporting-plate hinged to the opposite end of the base-plate, means for adjustably connecting the support-

ing-plate and upright, a feed-box secured to the base-plate adjacent the supporting-plate, and a platform revolubly mounted on the supporting-frame.

6. A combined exerciser and feeder comprising a base-plate, an upright movably secured at one end thereof, a supporting-plate hinged to the opposite end of the base-plate, means for adjustably connecting the supporting-plate and upright, a feed-box secured to the base-plate adjacent the supporting-plate, means for adjusting the height of said feed-box relative to said supporting-plate, and a platform revolubly mounted on the supporting-frame.

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

WILLIAM JARED MANLY.

Witnesses:

FRED A. SHAMPOE,
M. H. ZEITER.