

J. H. CONNER.
CHICKEN ROOST.
APPLICATION FILED AUG. 29, 1912.

1,055,387.

Patented Mar. 11, 1913.

2 SHEETS—SHEET 1.

Fig. 1.

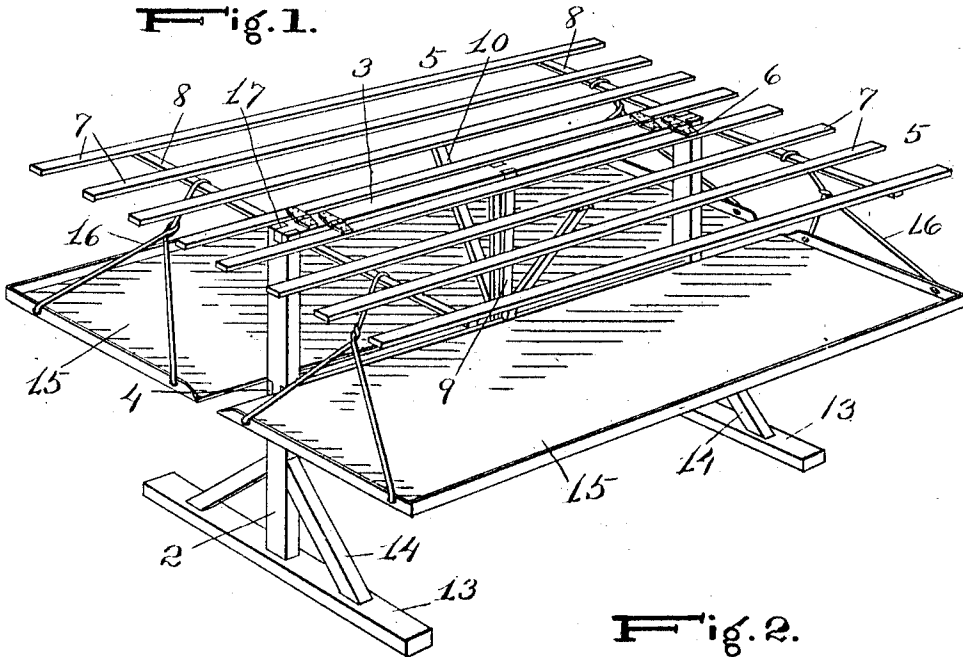
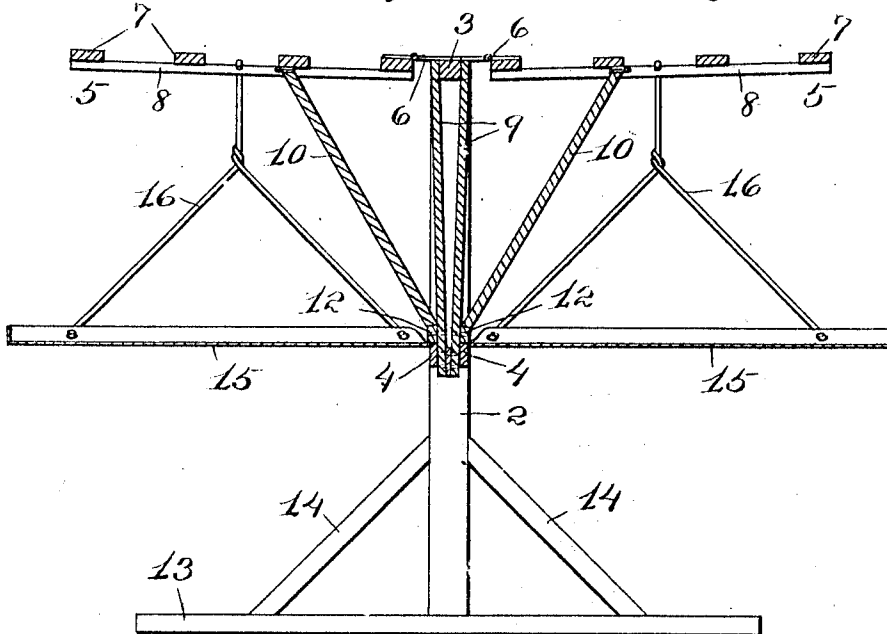


Fig. 2.



Witnesses

Stuart Hilder.
Francis W. Anderson.

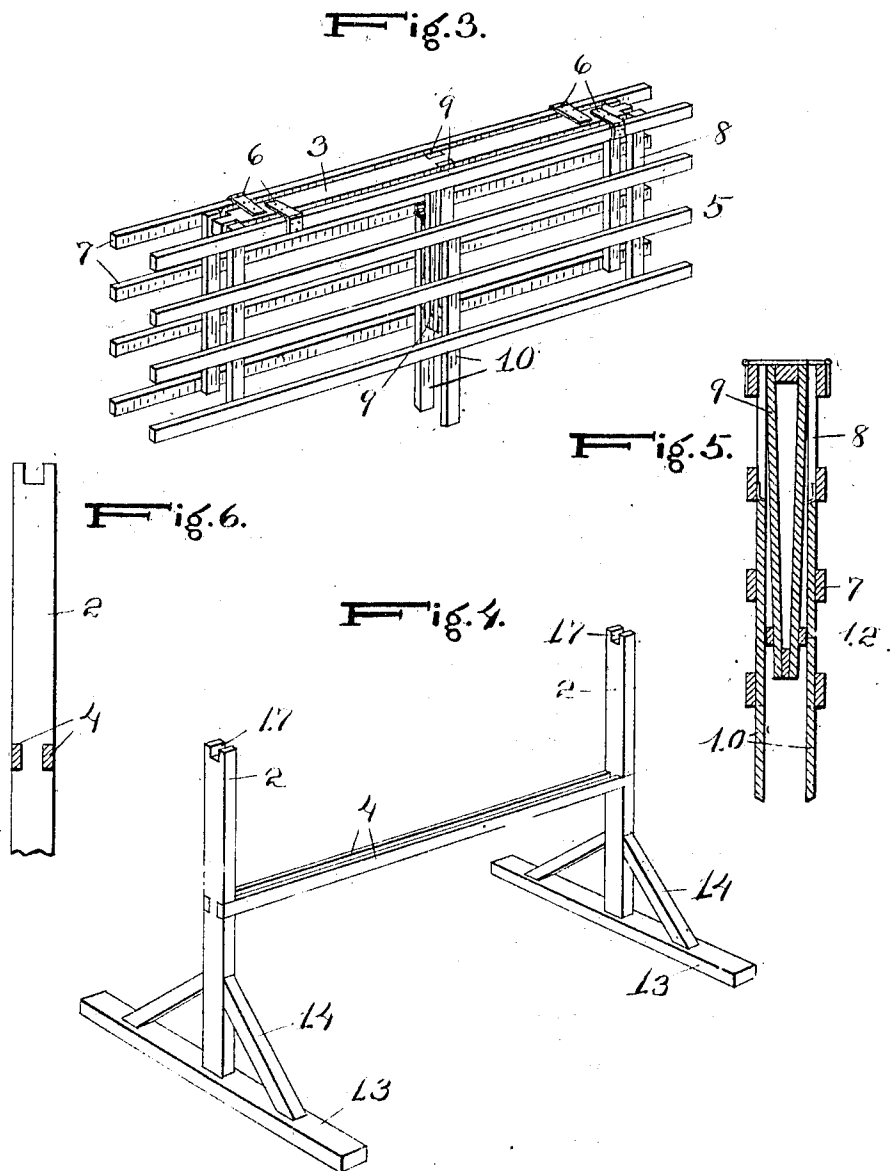
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Frances M. Anderson.

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UNITED STATES PATENT OFFICE.

JOSHUA H. CONNER, OF ELMDALE, TEXAS.

CHICKEN-ROOST.

1,055,387.

Specification of Letters Patent.

Patented Mar. 11, 1913.

Application filed August 29, 1912. Serial No. 717,763.

To all whom it may concern:

Be it known that I, JOSHUA H. CONNER, a citizen of the United States, resident of Elmdale, in the county of Taylor and State of Texas, have made a certain new and useful Invention in Chicken-Roosts; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a perspective view of the invention. Fig. 2 is a central vertical section of the same. Fig. 3 is a perspective view of the body bar and roosting wings removed from the supporting posts, the wings being folded. Fig. 4 is a perspective view of the supporting posts, and their connections. Fig. 5 is a detail central vertical section of the roosting wings and their connections. Fig. 6 is a detail end view of one of the supporting posts, parts being broken away.

The invention relates to rests or roosts for chickens, and it consists in the novel construction and combinations of parts, as hereinafter set forth.

In the accompanying drawings, the numeral 2 indicates two supporting posts or uprights, which are braced by a horizontal bar 3 and by strips 4, the bar 3 engaging the upper ends of the posts and the strips 4 connecting the lower portions of the posts, about half-way down. These strips are designed to be secured to the posts. The posts are designed to stand about three feet above the ground, and form supports for the ends of the removable body bar 3. The bar 3 should be about four feet long, and its ends are designed to be reduced to form tenons to engage notch bearings 17 of the upper ends of the posts. The brace strips 4 are opposite and parallel to each other.

To the bar 3 are connected wings 5, one on each side, by means of strap hinges 6. Each wing consists of small roosting rods or strips 7, about six feet long, secured to holding bars 8 at right angles to the strips 7, which are usually arranged on the holding bars about four inches apart and parallel to each other.

To the middle of the horizontal bar 3 are secured two downward extending converging strips, to form a bearing arm 9. The

strips are let into lateral recesses or seats in the sides of the bar 3. Between the lower ends of the strips is secured a small block, to strengthen the arm. Or the hanger strips may be fastened together, the end of the arm being designed to pass between and engage the brace strips 4.

Hinged to one of the long roosting strips, usually the second, counting from the inside, of each wing, is a brace strip 10, designed to engage a small block or shoulder bearing 12 on the arm 9. The bearing or block 12 is secured to the arm in proper position to cause the brace when engaged therewith to hold the wing in slightly inclined position, sloping outward and upward from its hinged edge. The outside edge of the wing is preferably set about one-half inch above the level of the inside edge.

The posts 2 may be inserted in the ground, but they are usually provided with cross-bar feet 13, braced by means of strips 14, as in this way the roosts are made portable and their location can be changed when desired.

Each roost is designed to be provided with removable dropping pans 15, each having an upward rim flange on its ends and outer side. A pan is hung under each wing by means of stout wire connections 16, having hooks at their upper ends to engage the holding bars 8 of the wing.

The roost is designed to have some features directed to the important object of keeping it clean and free from such insects as are liable to infest chickens, these insects forming the chief difficulty in the business of raising chickens.

When the wing braces are disengaged from the bearing arm they will fall on their hinges to vertical position, so that the ground or floor underneath can easily be properly cleaned. The pans are detachable, and can be taken out of the hen-house for cleaning. And the middle or body bar 3 being detachable from the tops of the posts, this bar, with its hinged wings, can be removed from the hen-house and set outside for scalding and washing. The roost is simple of construction and easily and cheaply made. The hinges and nails and sheet metal must be purchased, but otherwise the roost can be made from wooden strips such as are usually found about the place. The parallel longitudinal strips or bars 4, 4, are separated from each other by an interval, and the converging strips or

members of the depending arm 9 are likewise separated from each other by an interval. The lower end of the arm 9 has removable wedging engagement with the central portion of the bars 4, 4, between said bars, this engagement being of a secure frictional character, due to the spring nature of the bars 4, 4, and of the strips or members of the arm 9, and to the wedging character of the engagement.

The engagement of the brace strips 10 with the opposite sides of the lower free end of the depending arm 9, to maintain the roosting wings in raised position, provides for a balanced strain upon said arm 9.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:—

1. A chicken roost, comprising supporting posts having at their upper ends open-top notches, a longitudinal body bar having removable engagement with said notches and a central depending arm, roosting wings hinged to said body bar, and brace strips having at their upper ends hinged connection with said wings and at their lower

ends removable engagement with said depending arm upon opposite sides of the same to support said wings in raised position.

2. A chicken roost, comprising supporting posts having at their upper ends open top notches, parallel longitudinal bars connecting said posts and separated from each other by an interval, a longitudinal body bar having removable engagement with said notches and a central depending arm having removable wedging engagement with said parallel bars between the same, roosting wings having hinged connection with said body bar, and brace strips having at their upper ends hinged connection with said wings and at their lower ends removable engagement with said depending arm upon opposite sides of the same to support said wings in raised position.

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

JOSHUA H. CONNER.

Witnesses:

B. A. FORD,
LENA WILSON.