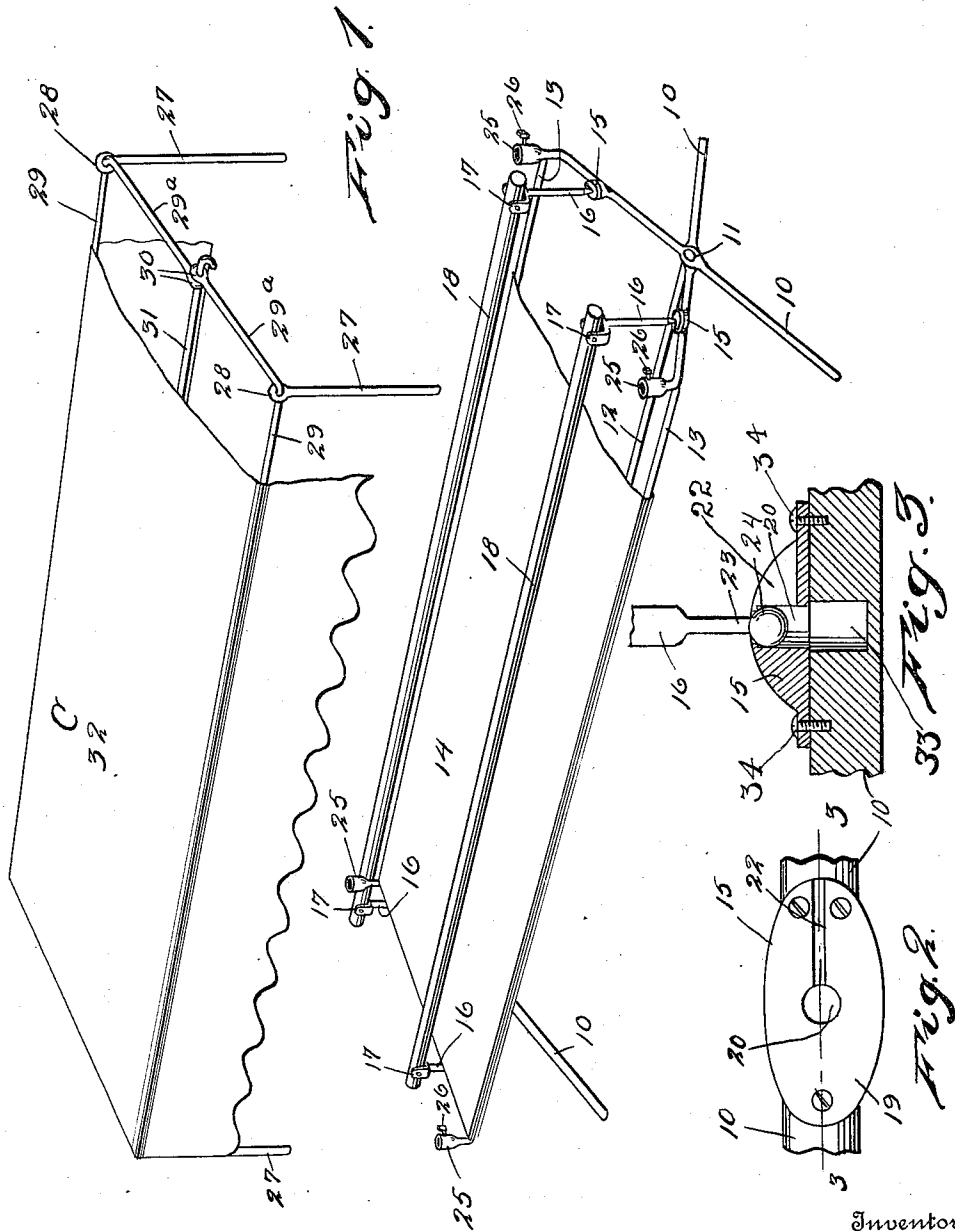


J. A. ALLEN.
POULTRY ROOST.
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1,052,553.

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UNITED STATES PATENT OFFICE.

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POULTRY-ROOST.

1,052,553.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN A. ALLEN, a citizen of the United States, residing at Painted Post, in the county of Steuben and State of New York, have invented certain new and useful Improvements in Poultry-Roosts, of which the following is a specification.

This invention relates to new and useful improvements in poultry roosts, and is designed particularly to provide a device of this nature which is readily collapsible and foldable to compact form for the purpose of storing.

A further object of this invention is to provide a means coöperable with the perches for receiving and deodorizing the offal and causing the same to be readily accumulated, thereby increasing the sanitary conditions.

With the above and other objects in view, the invention consists in the construction, arrangement and combination of parts all as hereinafter described, claimed and pointed out in the accompanying drawings, in which:

Figure 1 is a perspective view of a roost constructed in accordance with the present invention; Fig. 2 is a plan view of the socket by means of which the perches are secured to the supporting frame, and Fig. 3 is a longitudinal section taken along the line 2—2 of Fig. 2.

The present invention constitutes a pair of crossed legs pivotally connected and supported by a longitudinal brace at their pivotal point provided with intermediate frame braces between the upper terminals of said legs. The intermediate frame braces between the upper terminals of said legs are covered by a strip of canvas well oiled for the purpose of deodorizing all offal which may fall thereon. A plurality of perches are pivotally mounted on said legs in such a manner that they may be readily retained in a vertical position, but collapsed when so desired. A foldable cover is provided which may be removably attached to the upper terminals of the legs aforesaid during cold or rainy weather in order that the poultry may be protected.

In carrying out the present invention a pair of legs 10 are provided at each terminal of the roost, said legs being centrally flattened as at 11 to provide for the pivotal connection thereof. A spacing and bracing

rod 12 is interposed between the flattened portions of each of said legs which constitutes the pivotal connection between said legs. The upper terminals of the legs 10 are connected by the intermediate or transverse braces 13 which constitute a support for the well oiled canvas 14 secured thereto and adapted to receive all offal. The upper portion of the legs 10 are provided with the circular apertures 33 in the upper surfaces thereof, over which are attached the plates 15 by means of the screws 34. These plates 15 are provided with a circular socket 20 therein, which is of slightly smaller diameter than the socket or opening 33, and coöperates upon one side thereof with an elongated passage 22 which extends toward one terminal of the plate. Each standard 16 is provided with a U shaped bracket 17 at its upper terminal in which is mounted one terminal of a perch 18. There may be as many of these standards 16 of various heights, etc., as desired, said standards of each set of legs being alined for the purpose of supporting one perch. The lower terminals of the standards 16 are reduced as at 23 and are provided with the ball 24 at the lower terminal of said reduced portion. This ball operates in the aperture or passage 20 of the plate 15, and the opening 33, and the corresponding leg 10. It will clearly be seen that when the ball 24 is located in the aperture 33 the reduced portion 23 of the standard, and the ball portion of said standard, will be retained in the passage 20 of the plate 15, thus retaining the standard 16 in an elevated position. Should it be desired to drop the standard and collapse the structure, the standards are raised bringing the ball into the passage or opening 20 of the plate 15, after which the standard may be dropped so that the reduced portion thereof rests in the passage 22 of the plate 15. The upper terminals of the passage 20 are provided with a small flange which prevents the entire withdrawal of the ball from the opening 20.

The upper terminals of the legs 10 are provided with sockets 25 which are pierced by the set screws 26. The sockets 25 are provided in order that a cover indicated generally as C may be attached to the legs and protect the poultry roosting upon the perches from the weather. This cover con-

stitutes a plurality of vertical supports or standards 27, the lower terminals of which are adapted to be received in the sockets 25, said standards or supports being provided
 5 with eyes 28 at their upper terminals. Each pair of standards 27 carries a U-shaped frame 29, the arms 29^a of which constitute one-half of the side members of said frames. The terminals of these arms 29^a of each
 10 frame overlap the terminals of the arms 29^a of the opposite frame and are provided with eyes 30 in the terminals thereof through which passes the connecting and bracing rod 31, constituting the pivotal connection between the arms 29^a. A canvas cover 32 extends over the entire frame.

From the foregoing, it will readily be seen that after the cover has been removed and the perches collapsed, outwardly, the
 20 upper terminals of the legs may be drawn toward each other, thus collapsing the entire structure.

Having thus fully described my invention, what I claim as new and desire to secure by
 25 Letters-Patent of the United States, is:

1. In a chicken roost, a spacing rod, pivotally connected supports at the respective ends thereof, transverse braces parallel with the spacing rod attached to the supports, a
 30 canvas borne by the braces, vertical standards mounted on the supports, U-shaped brackets at the upper terminals of the standards, perches seated in the brackets, a canopy removably mounted on the supports
 35 and adapted to cover the perches.

2. In a device of the character described, the combination with a pair of pivotally

connected supports provided with circular apertures, plates provided with circular sockets of less diameter than the apertures
 40 in the supports mounted on said supports over said apertures, standards with extremities of reduced diameter adapted to be seated within the several apertures, the reduced extremities thereof supported by said plates,
 45 perches supported at the upper extremities of said standards, rods connecting said pivotally connected supports, a horizontal curtain secured to said rods and disposed under said perches for receiving offal, and a canopy
 50 removably mounted on the supports and adapted to cover the perches.

3. In a device of the character described, the combination with a pair of pivotally connected supports provided with sockets,
 55 of perches collapsibly carried by said supports, a horizontal curtain disposed under said perches for receiving offal, vertical standards supported in the sockets, eyes formed with said standards at their upper
 60 extremities, a U-shaped frame supported in said eyes laterally of each side of the device, eyes at the several extremities of the U-shaped members, a rod longitudinally of the device engaging said eyes, and a canvas
 65 cover supported by said supports and said U-shaped members.

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

JOHN A. ALLEN.

Witnesses:

B. W. WELLINGTON,
 C. E. PIER.