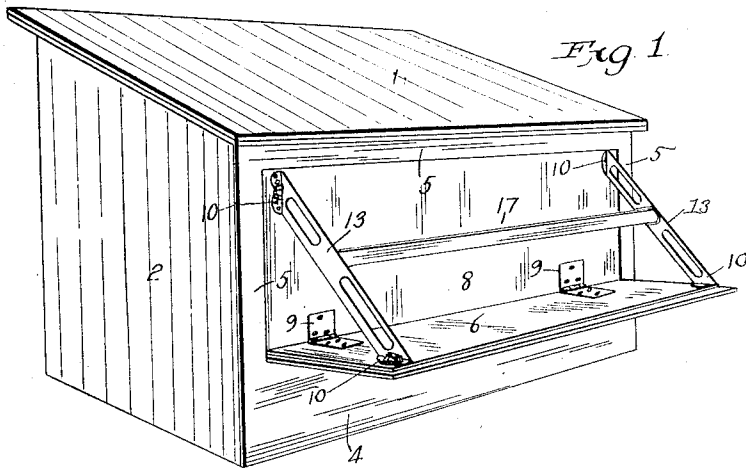
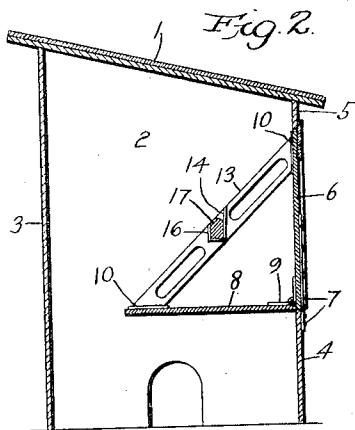
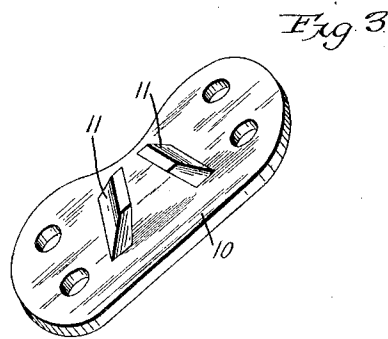
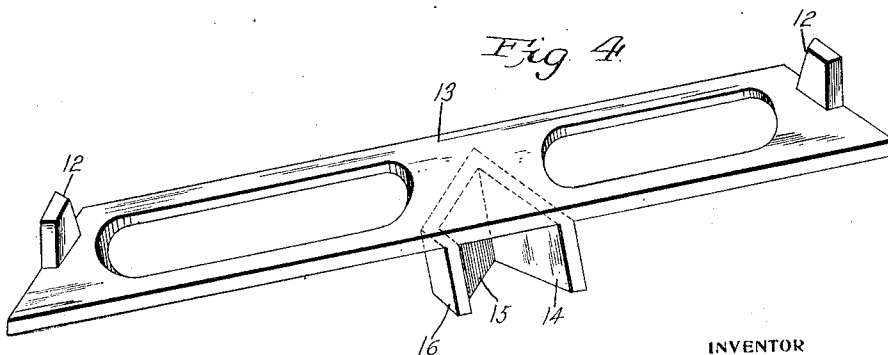


E. PERKINS.
ROOST AND DROPPING BOARD FOR HEN HOUSES.
APPLICATION FILED NOV. 29, 1912.

1,102,794.

Patented July 7, 1914.



WITNESSES

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ROOST AND DROPPING-BOARD FOR HEN-HOUSES.

1,102,794.

Specification of Letters Patent.

Patented July 7, 1914.

Application filed November 29, 1912. Serial No. 734,174.

To all whom it may concern:

Be it known that I, EBEN PERKINS, a citizen of the United States, and resident of Bridgewater, in the county of Plymouth and State of Massachusetts, have invented new and useful Improvements in Roosts and Dropping-Boards for Hen-Houses, of which the following is a specification.

This invention relates to roost and dropping board for hen houses and has for its primary objects to provide means for exposing a roost and dropping board outwardly of a hen house so that they may be readily cleaned and aired and additional room within the house be thereby provided when the dropping board is not in use.

Other objects of my invention are herein-after stated in connection with the construction and arrangement of the several parts comprising my invention, and illustrated in the accompanying drawings, in which similar characters of reference indicate similar parts throughout the several views, and in which—

Figure 1 is a perspective view of a hen house embodying my invention in its preferred form, showing a back board and a dropping board connected therewith and arranged on its edge in line with the back of the house as when not in use, Fig. 2 is a transverse section of the hen house shown in Fig. 1 with the back board closed and the dropping board arranged as when in use, Fig. 3 is a perspective view of a clamp designed to be attached to the back board and dropping board, and Fig. 4 is a perspective view of a brace adapted to be detachably connected with the clamp attached to the back board and dropping board, to hold said boards in their proper positions relatively to each other.

As illustrated in the drawings, 1 represents the top, 2 the ends, 3 the front, and 4 the back base board of a hen house. The upper portion of the back of the house is cut away forming an opening in the back of the house, and leaving battens 5, and a base board 4 extending from the cut away portion to the bottom of said house. A back board 6 of approximately the same size or area as that of the cut away portion of the back of the house is secured to the base board 4 by means of hinges 7, so that said back board may be arranged on its edge in line with the base board 4 of the house to close said opening at night, as shown in

Fig. 2, or be extended outwardly from the back of said house, when it is desired to clean and air the roost and dropping board, as shown in Fig. 1.

A dropping board 8 is connected with the lower portion or edge of the back board 6, so as to be moved with said back board. The connection between the dropping board 8 and the back board 6 is preferably made by means of hinges 9 so as to enable the dropping board and back board to be folded together for the purpose of transportation or storage, or when desired, for any other purpose. The dropping board and back board may, however, be secured together by means of a rigid brace of any suitable kind, if desired.

Clamps or socket plates 10 are preferably secured to the back board and dropping board at the opposite ends thereof, and provided with lugs 11 inclined relatively to each other to form a wedge-shaped socket or recess, adapted to receive correspondingly shaped lugs 12 of brace-rods 13. The socket plates 10 are preferably arranged at the outer margins of the dropping board and back board, so that when the braces 13 are in position, detachably secured to the socket plates 10, the back board and dropping board are firmly braced relatively to each other. If the back board is not hinged or flexibly connected with the dropping board, the braces 13 may be fixedly connected with the back board and dropping board instead of using the detachable connection herein shown and described. But even if the back board and dropping board are not flexibly connected together, the braces 13 may be advantageously connected detachably with the back board and dropping board, so as to enable said braces to be detached for the purpose of readily cleaning and white-washing the dropping board and roost. The braces 13 are preferably constructed, as shown herein, of rods having their ends attached to the dropping board and back board respectively to hold said boards in their proper position relatively to each other, and at the same time leave the ends of said boards free from any obstruction that would interfere with thoroughly cleaning and airing the dropping board and back board. The construction of said braces may be modified, however, without departing from my invention provided that they are of such a character that they

will permit of cleaning and airing the end portions of the back board and dropping board.

The braces 13 are provided with means for holding or supporting a roost, and said means preferably consist of sockets formed of plates 14, 15 and 16, providing an open angular socket adapted to permit the end of a roost 17 to be readily inserted in and removed from said socket, and also to prevent the roost from turning in its socket.

When the dropping board is in use the parts are arranged as shown in Fig. 2, with the roost 17 supported inside the house, the dropping board arranged horizontally below the roost, and the back board 6 closing the opening in the back of the house.

When it is desired to clean and air the roost and dropping board, the back board and dropping board are tilted outward so as to bring the back board 6 into a horizontal position outside the house, and the dropping board into a vertical position, closing the opening in the back of the house, and exposing the roost and the dropping surface of said board outward so as to be readily cleaned and aired, as shown in Fig. 1.

What I claim as new and desire to secure by Letters Patent is—

1. A hen house having an opening in one of its walls, and provided with a dropping board pivotally connected with said house, of substantially the same area as said opening and adapted to be extended laterally from said wall within the house, or to be arranged in line with said wall and serve as a closure for said opening, and a roost mounted above said dropping board and extending longitudinally of said boards.

2. A hen house having an opening in one of its walls, and provided with a dropping board and a back board arranged at an angle to each other, and freely connected

with said house at said opening so as to enable either said back board or dropping board to serve for a closure for said opening, and a roost mounted above said dropping board and extending longitudinally thereof.

3. A hen house having an opening in one of its walls, and provided with a dropping board and a back board flexibly connected with said house at said opening, and having brace-bars connected at their ends with said dropping board and back board respectively, and provided with a bar serving as a roost extending longitudinally of said boards.

4. A hen house having an opening in one of its walls, and provided with a dropping board and a back board hinged together, said boards being flexibly connected to said house at said opening, and provided with a brace detachably connected at its ends to said dropping board and back board.

5. A roost and dropping board for hen houses comprising a dropping board, a back board arranged at substantially a right angle to said dropping board, braces detachably secured to said dropping board and back board, and a roost supported on said braces.

6. A collapsible roost and dropping board for hen houses comprising a dropping board, a back board flexibly connected with said dropping board, braces detachably connected at their ends to said dropping board and back board, and a roost mounted on said braces.

In testimony whereof I have hereunto affixed my signature in the presence of two attesting witnesses.

EBEN PERKINS.

Witnesses:

MAE A. PERKINS,
G. W. ROCKWELL.