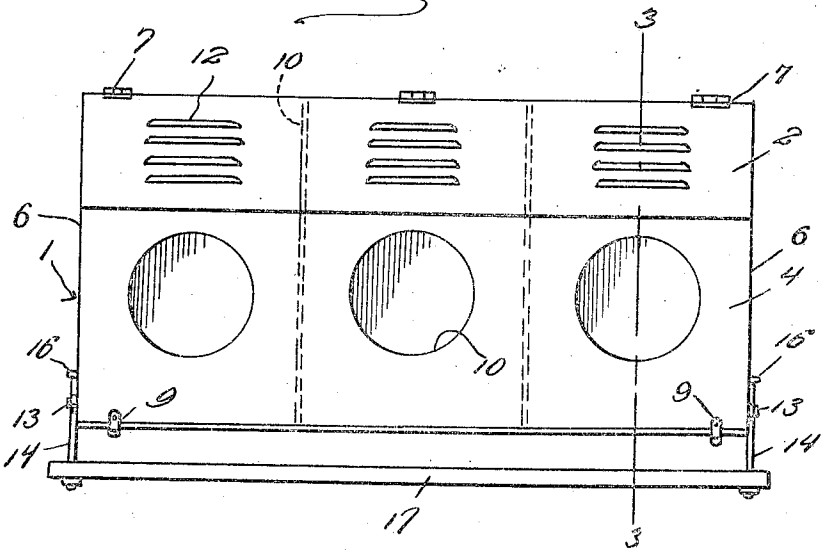
Dec. 16, 1924. 1,519,518

W. A. THORP ET AL

HEN'S NEST

Filed April 24, 1924

Fig. 1.



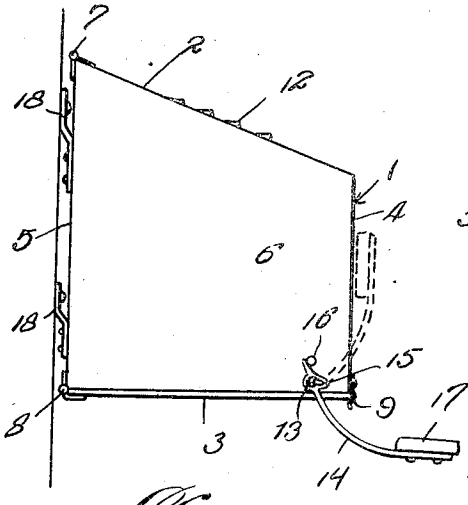


Fig. 2.

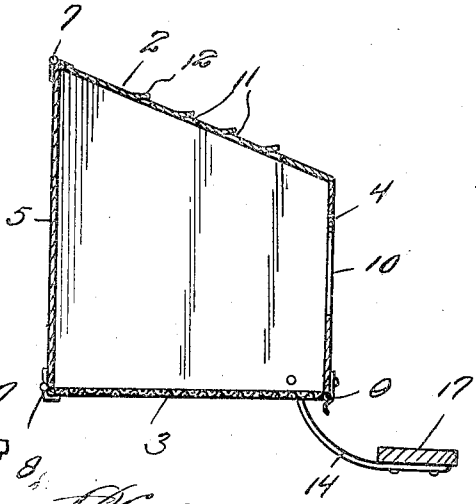


Fig. 3.

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Patented Dec. 16, 1924.

1,519,518

UNITED STATES PATENT OFFICE.

WALTER A. THORP AND OLE N. OLSON, OF MANKATO, KANSAS.

HEN'S NEST.

Application filed April 24, 1924. Serial No. 708,733.

To all whom it may concern:

Be it known that we, WALTER A. THORP and OLE N. OLSON, citizens of the United States, residing at Mankato, in the county of Jewell and State of Kansas, have invented certain new and useful Improvements in a Hen's Nest, of which the following is a specification.

This invention relates to new and useful improvements in hen's nest and has for its principal object to provide a simple and efficient device which is of such a construction as to insure the proper ventilation of the nest and at the same time prevent the accumulation of vermin in the nest.

A further object of the invention is to provide a hen's nest of the above mentioned character, wherein the bottom thereof is adapted for swinging movement so that the nest may be readily cleaned or refilled, means being provided for normally holding the bottom of the nest in a closed position and against accidental opening.

A further object of the invention is to provide a hen's nest of the above mentioned character, wherein the same is provided with a roost or perch board, the latter being adapted to be brought into engagement with the entrance to the nest for closing the same.

A further object of the invention is to provide a hen's nest of the above mentioned character, which is simple in construction, inexpensive, strong and durable and furthermore adapted for the purposes for which it is designated.

Other objects and advantages of this invention will become apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals designate like parts throughout the same;

Figure 1 is a front elevation of our invention.

Figure 2 is an end elevation thereof, and

Figure 3 is a sectional view taken approximately on line 3--3 of Figure 1.

In the drawing wherein for the purpose of illustration is shown the preferred embodiment of our invention, the numeral 1 designates generally a casing which includes a top 2, a bottom 3, front and rear walls 4 and 5 respectively and a pair of end walls designated by the numeral 6. The casing is preferably formed of sheet metal and is of substantially rectangular design in the manner more clearly shown in Figure 1. The front wall 4 is of a substantially less height than the rear wall 5 whereby the top 2 is adapted to be disposed in a slanting position and the top 2 is furthermore hinged as shown at 7 to the upper edge of the rear wall 5.

The bottom 3 of the casing 1 is preferably formed of wire mesh and is also hinged to the rear wall 5 at the lower edge thereof in the manner shown more clearly in Figures 2 and 3 of the drawing. For the purpose of normally holding the bottom 3 in a closed position, I provide the front wall 4 at its lower end with the spring clips such as are shown at 9, the same being adapted for engagement with the free longitudinal edge of the bottom 3 in the manner also clearly shown in Figures 2 and 3 of the drawing. Arranged in the casing 1 in spaced relation are the vertically disposed partitions 10 whereby a series of compartments are provided in the casing and the front wall of the casing is provided with an enlarged opening such as is shown at 10′ in the drawing for each compartment, the opening providing an entrance and exit to the nest formed in the casing.

For the purpose of ventilating each compartment, we provide the top 2 with the opening 11 formed by striking up the portions 12 in the manner well known in the art. The openings are so arranged as to prevent any possibility of water or rain from entering the nest through the top thereof.

Extending outwardly from the end walls 6 of the casing 1 adjacent the lower forward ends thereof are the projections 13 and the same provide a means for pivotally supporting thereon the curved arms 14, the inner ends of which are provided with an elongated slot such as is shown at 15 to provide a pivotal connection with respect to the projections 13 and to further facilitate the sliding movement of the curved arms in the manner to be presently described. The inner ends of the arms are adapted for engagement with the pins 16 extending outwardly from the end walls of the casing in the manner clearly shown in Figure 2 of the drawing. Extending longitudinally below the front of the casing 1 is the roost or

perch board 17 and the latter is secured to the outer ends of the curved arms 14 in any suitable manner. Normally the roost or perch board 17 is in the position as shown in Figures 1 and 3 and the inner end of each of the arms engages each of the outwardly extending pins 16 to limit the downward movement of the perch board and hold the same in proper horizontal position.

When it is desired to close the entrance or exit formed by the opening 10′ in the front wall of the casing, the perch board is swung upwardly on its pivot 13 so that the perch board will extend over the front wall of the casing adjacent the opening formed therein in the manner more clearly shown in the dotted lines in Figure 2 of the drawing. The provision of the slot 15 provides for the sliding movement of the arms so as to hold the perch board in its upwardly swung position.

The provision of a hen's nest of the above mentioned character, enables the same to be kept clean by simply releasing the spring catches 9 and swinging the bottom 3 on its hinge 8. The nest may further be supported by any suitable means such as is shown at 18 on a wall in a manner well known in the art.

A hen's nest of the above mentioned character will thus be provided and wherein the bottom thereof is of such a construction as to render the nest sanitary and cool. Furthermore the provision of the sloping top will prevent the hens from roosting thereon. A nest of this character will also be strong and durable.

While we have shown the preferred embodiment of our invention, it is to be understood that various changes in the size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention and the scope of the appended claims.

Having thus described our invention, what we claim is:—

1. A hen's nest comprising a casing including front and rear walls, end walls, a top hinged to said rear wall, a bottom hinged to the rear wall, means on the front wall for holding the bottom in a closed position, spaced vertically disposed partitions arranged in said casing to provide a plurality of compartments, the front wall of the casing having an opening provided therein cooperating with each compartment providing an entrance and exit therefor, a perch board pivotally supported on said casing and normally disposed outwardly below the front of the casing, said perch board adapted to be swung upwardly into engagement with the front wall of the casing and to close the openings provided therein.

2. A hen's nest comprising a casing including front and rear walls, end walls, a top hinged to said rear wall, a bottom hinged to the rear wall, means on the front wall for holding the bottom in a closed position, spaced vertically disposed partitions arranged in said casing to provide a plurality of compartments, the front wall of the casing having an opening provided therein cooperating with each compartment providing an entrance and exit therefor, a perch board pivotally supported on said casing and normally disposed outwardly below the front of the casing, said perch board adapted to be swung upwardly into engagement with the front wall of the casing and to close the openings provided therein, said perch board supporting means having means associated therewith for holding the perch board in position over the opening in the front wall of the casing.

In testimony whereof we affix our signatures.

WALTER A. THORP.
OLE N. OLSON.