

Jan. 4, 1927.

J. STUBER

1,613,207

HEN'S NEST

Filed Jan. 12, 1925

2 Sheets-Sheet 1

Fig. 1.

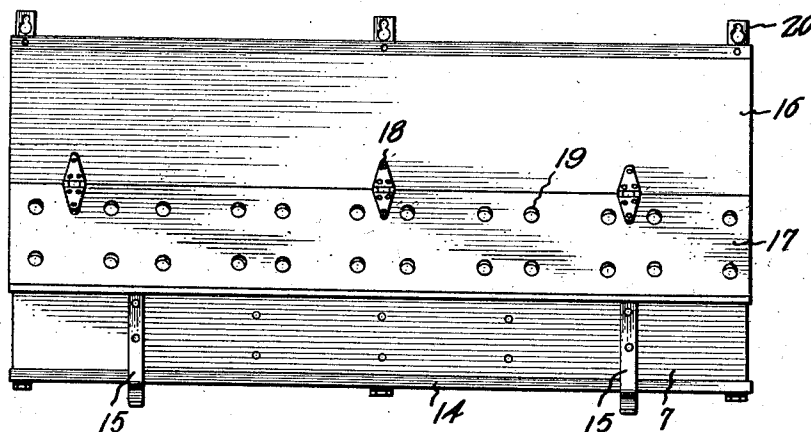
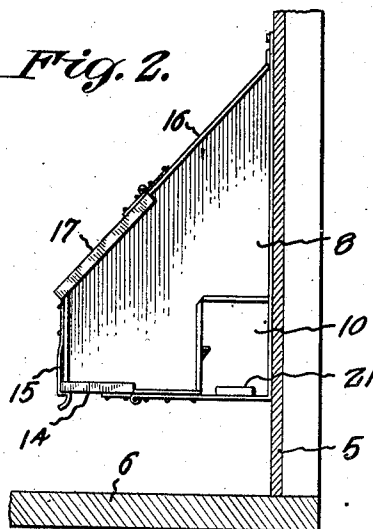


Fig. 2.



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2 Sheets-Sheet 2

Fig. 3.

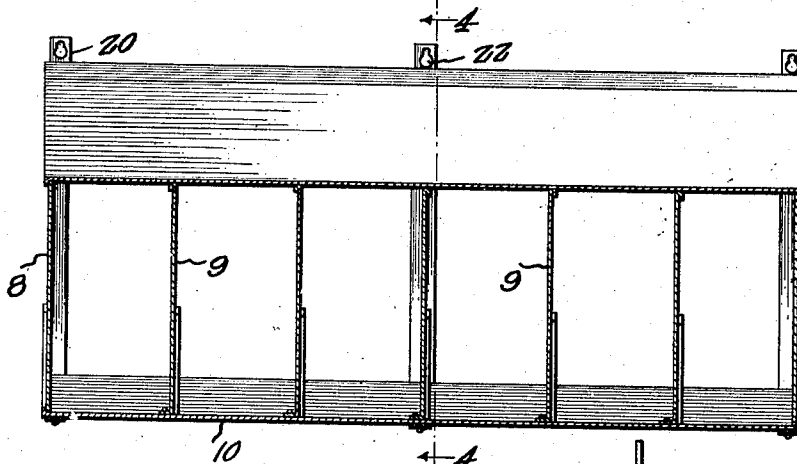
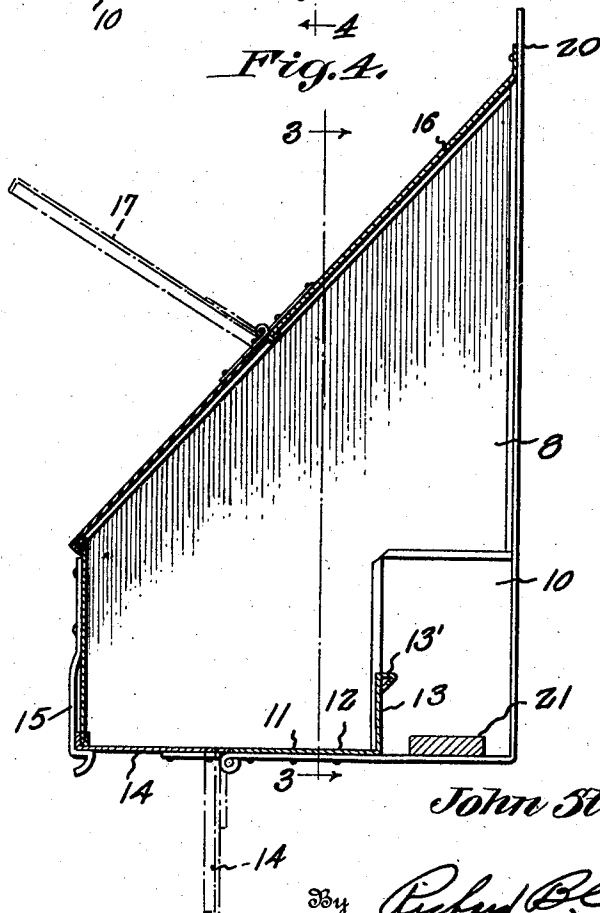


Fig. 4.



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UNITED STATES PATENT OFFICE.

JOHN STUBER, OF ALMA, WISCONSIN.

HEN'S NEST.

Application filed January 12, 1925. Serial No. 1,955.

This invention relates to improvements in nesting boxes particularly adapted to form a shelter for laying hens.

An important object of the invention is to provide a device of the above mentioned character wherein any number of compartments may be formed and the eggs may be gathered conveniently and rapidly.

A further object of the invention is the provision of the nesting box of this character having means associated therewith for readily cleaning and retaining same in a sanitary condition.

A still further object of the invention is the provision of the nesting box of this character which may be readily mounted in position and securely fastened.

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

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a front elevation of the device embodying my invention,

Figure 2 is an end elevation of the same mounted in position,

Figure 3 is a longitudinal vertical sectional view taken on the line 3—3 of Figure 4, and

Figure 4 is a transverse sectional view taken on the line 4—4 of Figure 3.

In the drawings, wherein for the purpose of illustration is shown the preferred embodiment of my invention, the numeral 5 generally indicates the hen house or other building wall and 6 the floor thereof.

Referring now more particularly to the device comprising my invention, the numeral 7 denotes the front wall which comprises a longitudinal strip having a plurality of perforations formed therethrough. On each end of the front wall 7 are formed a pair of end walls 8, the lower edges of these end walls extending in a substantially horizontal direction while the upper edges thereof are cut at an angular inclination, rising toward the rear edges thereof. Mounted between the end walls at spaced intervals are any desirable number of partitions 9, these partitions being similar in form to the end walls and forming a plurality of compartments. The lower rear corners of the end walls and partitions are cut away to form rectangular openings 10 form-

ing a continuous passageway entirely through the structure, by means of which the fowl may readily enter the compartments at all times.

An angular bottom plate 11 is mounted at approximately the central portion of the end walls and partitions, this plate comprising a horizontal section 12 and a vertical section 13, the upper edge of the vertical section being preferably rolled as at 13 to enable the fowl to conveniently enter the compartments and prevents scattering of the straw, preferably placed in each of the compartments to provide suitable nests.

Hingedly secured to the front edge of the bottom plate 11 is a swinging door plate 14, this door tending to normally assume a downward position by force of gravity but capable of being retained in a closed or horizontal position by means of spring clips 15.

This door plate is particularly provided to permit convenient and rapid cleaning of the structure, the dirt being brushed toward the front end of the compartment and the door plate released from the clips, causing the dirt to fall within a suitable receptacle or upon the floor of the building.

The top of the box is enclosed by a stationary plate 16 secured to the upper portions of the end walls and partitions in a rigid manner. This stationary plate covers the rear portion of the box, the front portion thereof being enclosed by a movable cover 17, this cover being hingedly secured to the stationary plate 16 by a plurality of hinges 18. In order to permit free circulation of air in the box the cover 17 is preferably provided with a plurality of apertures 19.

In order to permit the box to be readily and securely mounted on the side wall of a building I consider it desirable to provide a plurality of angular brackets 20, these brackets being secured to the extremities of the box and a sufficient number therebetween to retain the same in position. In the present instance I have shown three such brackets but due to the fact that a greater number of compartments may be formed in each box, the number of brackets would necessarily differ in ratio thereto. A longitudinal strip 21 is positioned centrally through the openings 10 formed in the end walls and secured to the horizontal arms of the bracket 20, this strip forming a perch or runway and permitting the fowl to readily enter the compartments.

In use, I consider it desirable to construct the box of metal providing a sanitary and comparatively simple device and one that may be placed upon the market at reasonable cost. As previously noted the lower door plate 14 is provided to simplify the cleaning of the compartments while the swing cover plate 17 is primarily provided to normally enclose the compartment, that is, while the hens are laying, but enable the user to readily raise the same for removing the eggs. It is also to be noted that the upper extremities of the brackets 20 are to be provided with openings 22 adapted to engage projections such as nails, hooks or the like.

It is to be understood that the form of my invention herewith shown and described is to be taken as the preferred example of the same, and that various changes as to the shape, size and arrangements of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

What I claim as new is:

1. A device of the character described comprising a front wall, end walls, a plurality of partitions mounted between the said end walls, a stationary cover mounted upon the said walls and partitions, a swinging section mounted upon the said cover, a stationary floor plate secured to the lower edges of the end walls and partitions, a swinging door plate mounted on the forward edge of the said floor plate, means for retaining the said door plate in closed position, brackets adapted to retain the device upon the wall of the building.

2. A hen's nest comprising a comparatively narrow front wall, end walls, a partition or partitions mounted between the said end walls, an inclined cover mounted upon the said end walls and partitions, a movable plate hingedly mounted upon the forward section of the cover, an angular bottom plate secured to the lower portion of the said walls, a swinging door hingedly mounted on the forward portion of the bottom plate, spring clips mounted upon the front wall adapted to retain the door in a closed position, and a plurality of bracket members adapted to retain the nest upon a building wall or the like.

3. A hen's nest comprising a box like structure having a front wall, end walls, a permanent cover plate mounted on the top of said end walls, a swinging cover plate mounted on the forward portion of the said

end and front walls, openings formed in the end walls to permit the passage of fowl, a swinging door mounted on the bottom of the structure, means for retaining this door in a closed position, and bracket members secured to the structure for mounting the device upon a building wall or the like.

4. A hen's nest comprising a comparatively narrow front wall, end walls, partitions mounted between the end walls, the said end walls and partitions having openings formed therein, a stationary cover plate secured to the rear upper edges of the end walls and partitions, a swinging cover plate mounted on the front edge of the same, an angular bottom plate secured to the lower edges of the end walls or partitions, a swinging door plate mounted on the forward portion thereof, spring clips mounted on the front wall adapted to retain the said door plate in the closed position when found desirable, angular brackets mounted on the extremities and intermediate portions of the structure, and a longitudinal perch strip mounted on the brackets in the openings formed in the end walls and partitions.

5. A hen's nest comprising a comparatively narrow front wall, end walls secured to the extremities of the said front walls, the upper edges thereof being formed at an angular inclination, partition plates mounted between the said end walls forming a plurality of compartments, the said end walls and compartments having rectangular openings formed at the lower rear portions thereof, and permitting communication between the said compartments, a stationary cover plate mounted on the upper rear edges of the end walls and partitions, a swinging cover plate mounted on the front upper edges thereof and adapted to permit eggs or the like to be readily withdrawn from the compartment, an angular bottom plate having horizontal and vertical sides, the upper edge of the vertical side being preferably turned to form a comfortable ledge, a swinging door hingedly secured to the forward edge of the angular bottom plate, clip members adapted to engage and retain the said door in a closed position, angular bracket strips adapted to permit attachment of the structure upon a wall, and a longitudinal strip extending through the openings formed in the end walls and partitions to form a perch for the fowl.

In testimony whereof I affix my signature.

JOHN STUBER.