Nov. 28, 1950 J. W. PETERSON 2,531,584

SANITARY CHICKEN NEST

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FIG. 1.

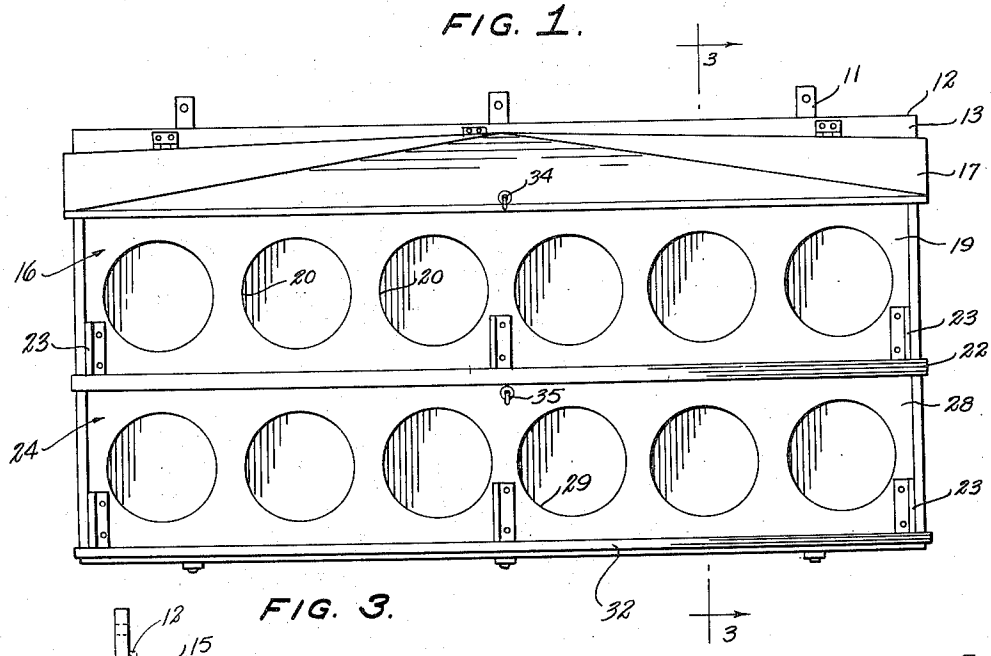


FIG. 3.

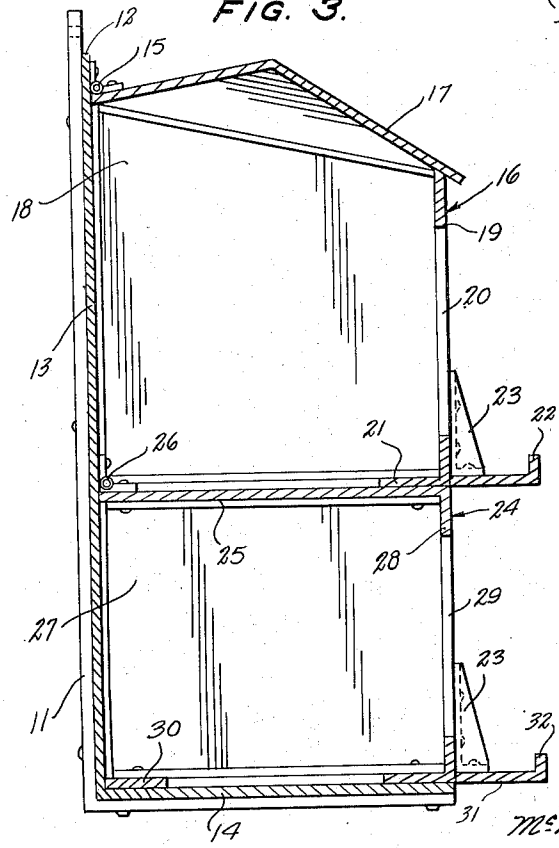
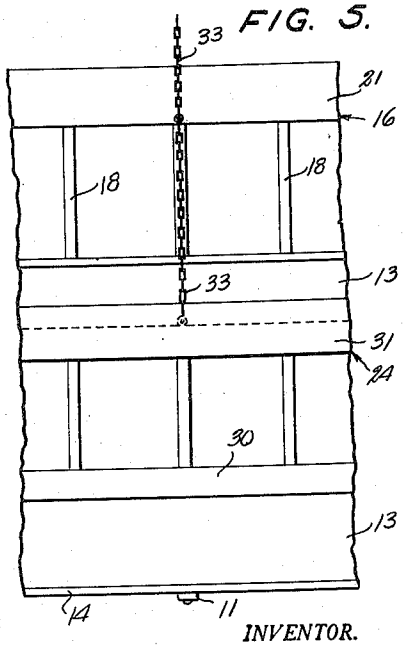


FIG. 5.



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FIG. 2.

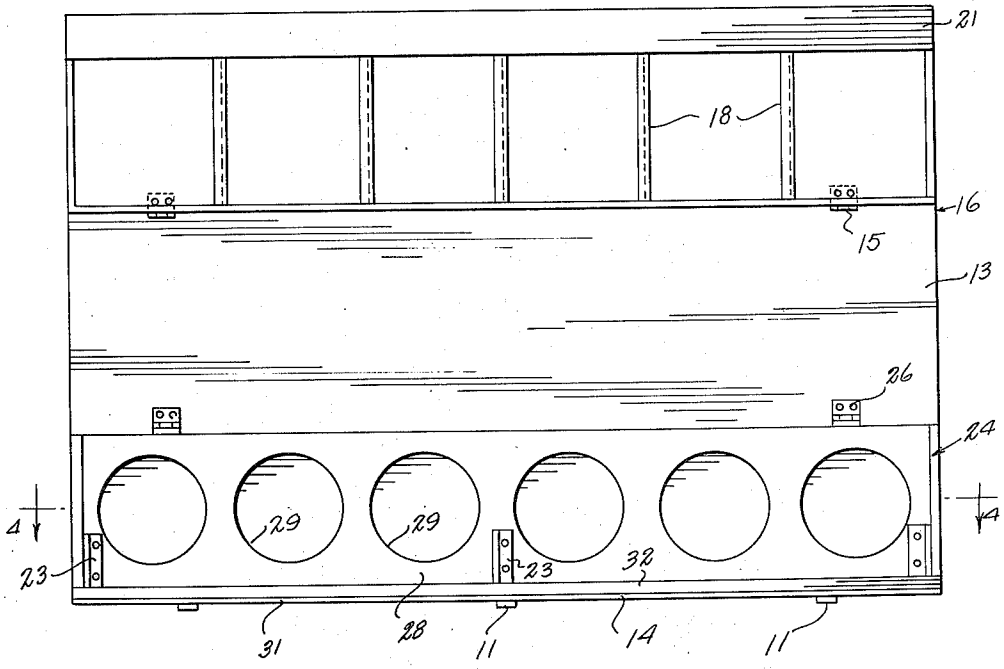
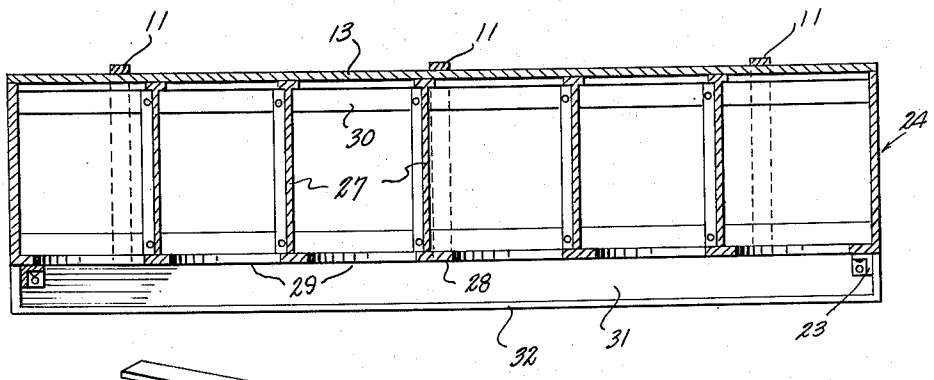


FIG. 4.



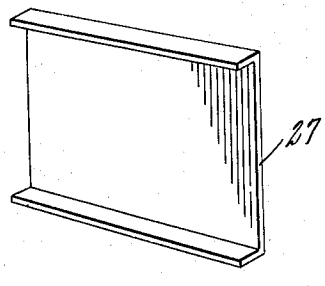


FIG. 6.

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UNITED STATES PATENT OFFICE

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SANITARY CHICKEN NEST

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Application June 3, 1949, Serial No. 96,853

2 Claims. (Cl. 119—45)

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This invention relates to poultry nests, and more particularly to hen nests of the multiple-tiered type.

A main object of the invention is to provide an improved multiple-tiered hen nest which is simple in construction, very easy to clean, and which can be readily installed in any desired location.

A further object of the invention is to provide an improved hen nest structure which is inexpensive to manufacture, neat in appearance, durable in construction, which is easy to assemble, and which is easy to obtain access to for the purpose of cleaning.

Further objects and advantages of the invention will become apparent from the following description and claims, and from the accompanying drawings, wherein:

Figure 1 is a front elevational view of a hen nest constructed in accordance with the present invention;

Figure 2 is a front elevational view of the hen nest structure of Figure 1 with the upper tier elevated for cleaning;

Figure 3 is a vertical cross-sectional view taken on line 3—3 of Figure 1;

Figure 4 is a cross-sectional view taken on line 4—4 of Figure 2;

Figure 5 is a fragmentary front elevational view showing both tiers of the nest structure of Figure 1 elevated for cleaning;

Figure 6 is a perspective view of one of the partition elements employed in the hen nest structure of Figures 1 to 5.

Referring to the drawings, 11 designates respective L-shaped supporting bars adapted to be secured to the wall of a building. Secured to the bars 11 is a wall member 12 having a vertically disposed plate 13 and a horizontal base portion 14.

Hinged to the upper marginal portion of member 12 at 15 is a first housing 16 comprising a forwardly-sloping, pointed roof member 17 forming a closed top. Spaced transverse partition wall elements 18 defining a plurality of compartments in the housing are dependingly supported from the roof member. Secured to the front vertical margins of said partition wall elements is a front wall member 19 formed with large circular apertures 20, each aperture opening into one of the aforesaid compartments. Secured to the bottom forward portions of the partition wall elements 18 is a longitudinal stiffening bar 21. As will be seen from Figure 3, the vertical member 13 normally acts as the rear wall

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of the aforesaid compartments. The stiffening bar 21 projects forwardly of front wall member 19 for a substantial distance and is provided with a vertical front flange 22, providing a perch for poultry using the house. The forward portion of bar 21 is braced to the front wall member 19 by a plurality of triangular connecting brackets 23.

The housing 16 comprises the upper tier of the house. Designated at 24 is another housing having a closed top wall element 25 which is hinged to rear vertical wall 13 at 26 and underlies the first housing 16, whereby element 25 normally serves as the floor of said first housing. Secured to wall element 25 are additional spaced transverse partition wall elements 27. Secured to the front vertical margins of wall elements 27 is the vertical front wall member 28 formed with large circular apertures 29 opening into the respective compartments defined by the spaced wall elements 27. Secured to the rear lower portions of the partition wall elements 27 is the longitudinal stiffening bar 30. Secured to the front lower portions of the wall elements 27 is the forwardly-projecting longitudinal bar member 31 formed with the front vertical flange 32. Flange 32 also provides a perch for poultry using the house. Bar member 31 is braced to the front wall member 28 by a plurality of triangular brackets 23. As shown in Figure 3, horizontal base portion 14 normally serves as the floor of the compartments in housing 24, the vertical member 13 acting as the rear wall of said compartments.

The pointed roof 17 discourages the poultry from perching thereon. The perch flanges 22 and 32 are provided for perching, said flanges being conveniently adjacent the compartment openings 20 and 29.

In order to clean out the housing 16, said housing is elevated to a raised position, such as shown in Figure 2, providing access to the compartments therein and allowing the top wall member 25 of the lower housing 24 to be cleaned. Similarly, to clean out the lower housing 24, said lower housing is elevated, as shown in Figure 5, providing access to the compartments of said lower housing and allowing the horizontal base portion 14 to be cleaned. The housings may be secured in elevated positions by respective chains 33, detachably hooked to respective eyes 34 and 35 secured to the upper forward corner portions of the respective housings.

The various parts of the device are preferably fabricated from corrosion-resistant metal, such as galvanized sheet steel or the like.

While a specific embodiment of a multiple-

tiered poultry house has been disclosed in the foregoing description, it will be understood that various modifications within the spirit of the invention may occur to those skilled in the art. Therefore, it is intended that no limitations be placed on the invention except as defined by the scope of the appended claims.

What is claimed is:

1. A multiple nest structure for poultry comprising a vertically disposed plate, a horizontally disposed base positioned adjacent the lower end of said plate and secured thereto, a housing open at its back and bottom and including a closed top and a front wall depending from said closed top arranged upon said base member with its open back facing and abutting said plate, said housing having its top pivotally connected to said plate for swinging movement about a horizontal axis, and a plurality of vertically disposed partition plates arranged in spaced parallel relation longitudinally of said housing and dependingly secured to said top and front wall to thereby subdivide said housing into a plurality of compartments, there being a plurality of openings extending through the front wall of said housing and each in communication with one of said compartments.

2. A multiple nest structure for poultry comprising a vertically disposed plate, a horizontally disposed base positioned adjacent the lower end of said plate and secured thereto, a housing open at its back and bottom and including a closed top and a front wall depending from said closed top arranged upon said base member with its open back facing and abutting said plate, said housing having its top pivotally connected to said plate for swinging movement about a horizontal axis, a plurality of vertically disposed partition plates arranged in spaced parallel relation longitudinally of said housing and dependingly secured to said top and front wall to thereby subdivide said housing into a plurality of compartments, there being a plurality of openings extending through the front wall of said housing and each in communication with one of said compartments, a second housing open at its back and bottom and including a closed top and a front wall depending from said closed top arranged in superimposed relation with respect to said first housing with its open back facing and abutting said vertically disposed plate, said second named housing having its top pivotally connected to said plate for swinging movement about a horizontal axis, and a plurality of vertically disposed partition plates arranged in spaced parallel relation longitudinally of said second housing and dependingly secured to said top and front wall to thereby subdivide said second housing into a plurality of compartments, there being a plurality of openings extending through the front wall of said second housing and each in communication with one of the compartments in said second housing.

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