

S. M. HIXSON

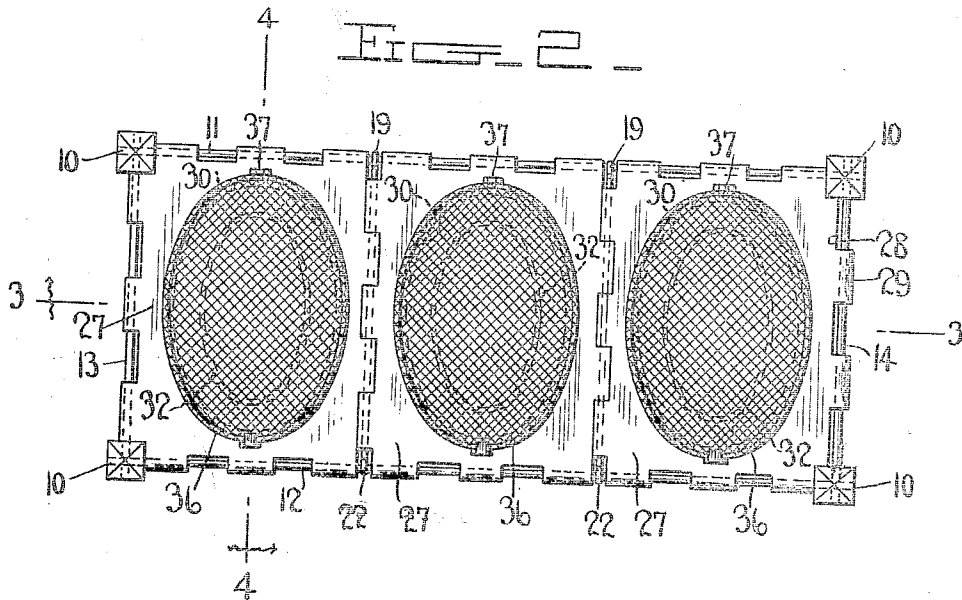
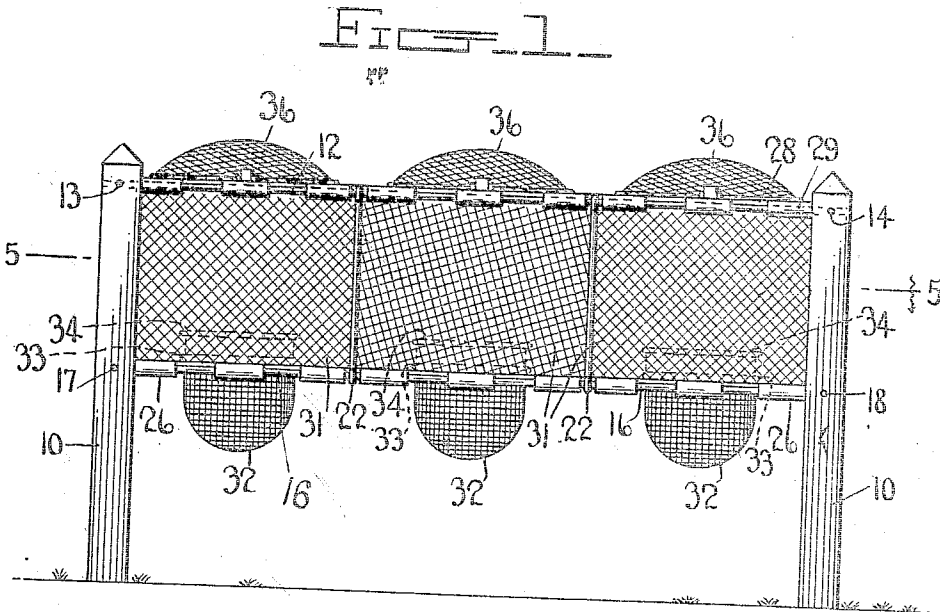
HEN'S NEST.

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953,785.

Patented Apr. 5, 1910.

2 SHEETS—SHEET 1.



Inventor

Witnesses

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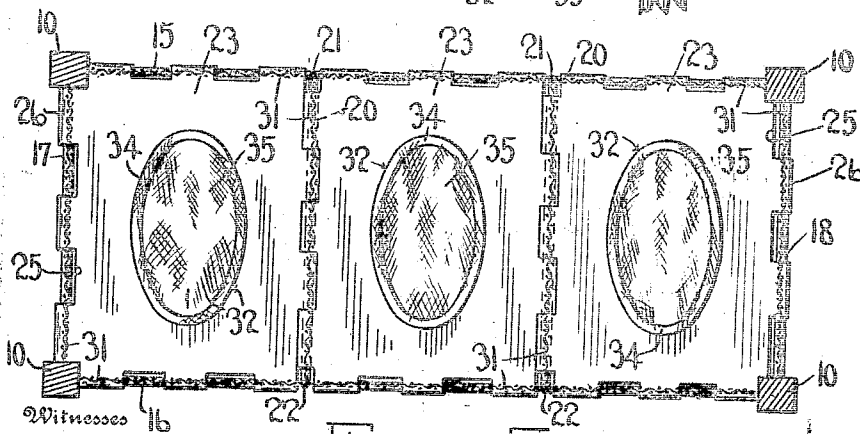
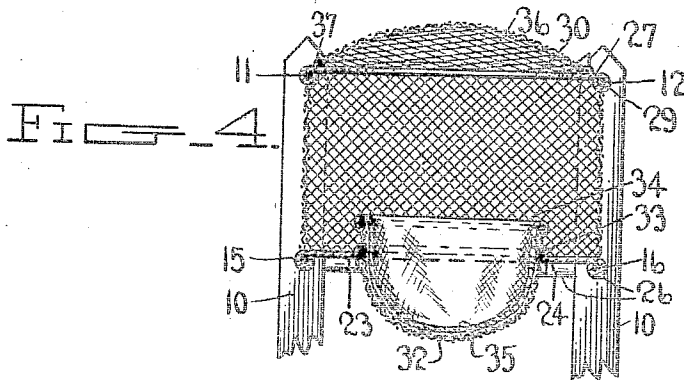
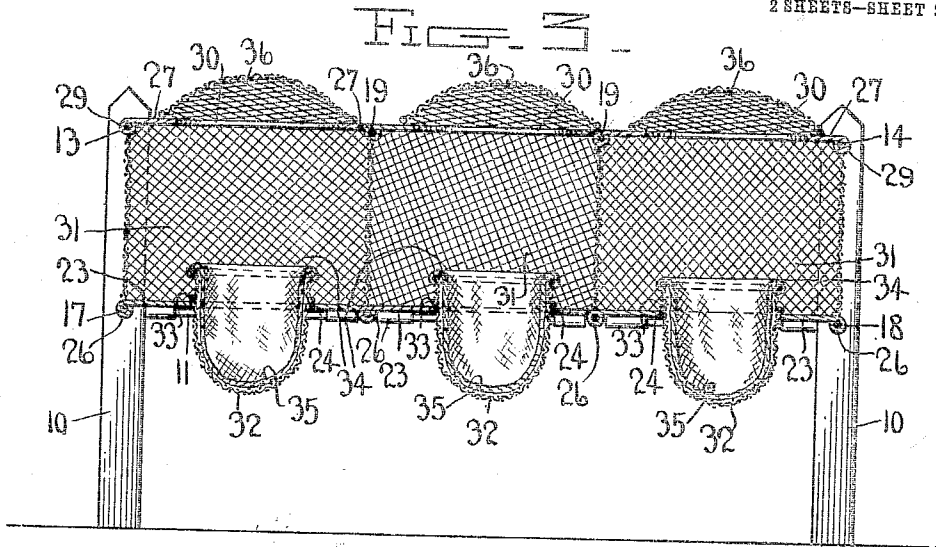
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953,785.

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2 SHEETS—SHEET 2.



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FIG. 5

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UNITED STATES PATENT OFFICE.

SINDA M. HIXSON, OF FAIRFAX, MISSOURI.

HEN'S NEST.

953,785.

Specification of Letters Patent.

Patented Apr. 5, 1910.

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To all whom it may concern:

Be it known that I, SINDA M. HIXSON, a citizen of the United States, residing at Fairfax, in the county of Atchison, State of Missouri, have invented certain new and useful Improvements in Hens' Nests; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to hens' nests, and has for one of its objects to improve the construction and increase the efficiency and utility of devices of this character.

Another object of the invention is to provide a hen's nest constructed almost entirely of metal, and with the parts detachable or separable to facilitate cleansing and the renewal of the bedding.

With these and other objects in view the invention consists in certain novel features of construction as hereafter shown and described and then specifically pointed out in the claims, and in the drawings illustrative of the preferred embodiment of the invention, Figure 1 is a front elevation of the improved device. Fig. 2 is a plan view of the same. Fig. 3 is a section on the line 3-3 of Fig. 2. Fig. 4 is a section on the line 4-4 of Fig. 2. Fig. 5 is a section on the line 5-5 of Fig. 1.

Much annoyance is experienced in caring for setting hens to prevent the gathering upon the hens and nest material of insects, and the improved device herein shown is designed to enable the nests to be readily cleansed and the bedding to be renewed when required, and the improved device comprises a supporting structure formed of corner posts 10, preferably of wood, and of any suitable size. The posts may be of any required length, but will generally be of sufficient length to support the nests a suitable distance above the ground to protect the hens from certain kinds of insects, and also at a convenient height to enable the nests to be cleaned with the least fatigue or annoyance, and to correspondingly decrease the labor required to care for them. The posts may be arranged at any required distances apart, but will generally be spaced about 18 inches from front to rear and at any required distance lengthwise of the frame according to the number of pockets or receptacles which it is desired to employ in connection with

each frame. Any required number of the pockets or nests may be employed in connection with each frame, but for the purpose of illustration three of the pockets are shown, but it will be understood that it is not desired to limit the invention to any specific number of the pockets. The posts 10 are connected at their upper ends by spaced side rods 11-12 and by end rods 13-14, while similar side rods 15-16 and end rods 17-18 are arranged to connect the posts at intermediate points, the lower rods 15-16-17-18 being spaced below the upper rods 11-12-13-14 as shown, the distances between the upper and lower rods defining the nest inclosures, as hereafter explained.

Connecting the rods 11-12 at spaced intervals are transverse rods 19, and likewise connecting the lower side rods 15-16 are transverse rods 20, while vertical rods 21-22 are arranged respectively between the side rods 11-15 and 12-16. The rods 19-20-21-22 thus define the divisions between the several nest compartments as shown, and it is obvious that by increasing the lengths of the side rods and the number of the series of transverse rods, any required number of the compartments may be arranged.

Bearing upon the lower side rods 15-16 and likewise upon the end rods 17-18 and transverse rods 20 are plates 23, preferably of sheet metal, and each plate is provided with a relatively large central aperture 24. The margins of the plates are formed with spaced recesses or cut out portions 25, and the material of the plate between the recesses rolled around the adjacent rods, as represented at 26, whereby the plates are secured to the rods. Bearing upon the upper side rods 11-12, the end rods 13-14, and the intermediate transverse rods 19, are similar plates 27, preferably of sheet metal, and likewise provided with spaced recesses 28 with the intervening material of the plate rolled around the adjacent rods, as represented at 29. By this means the plates are connected to the various rods. The upper plates 27 are each provided with a central opening 30, the openings 30 being somewhat larger than the openings 24 in the lower plates, the object to be hereafter explained.

The panels produced by the various rods are preferably filled with sheets of woven wire or like material, represented at 31, so that each compartment is provided with open separating elements which permit the

free circulation of air, while at the same time they protect the fowls when upon their nests.

The receptacles or nests are formed of basket like structures represented at 32, the nests being formed of open wire work and each nest is provided with an intermediate annular enlargement 33 to support the nests within the openings 24, with the upper edges 34 of the nests spaced above the plates 23. The nests will preferably be lined with suitable fabric 35, the fabric being supported upon the elevated rims 34, and straw or other bedding placed within the nests and resting upon the fabric linings. As above stated the apertures 30 are larger than the apertures 24, so that the nests 32 may be readily removed through the upper openings, when required for cleansing or for the renewal of the bedding. Each of the upper apertures 30 is provided with a movable closure 36, preferably hinged at 37 to the plates 27 and also preferably formed of open wire work as shown, to provide the necessary ventilation. By this means the setting hen is protected not only from intrusion, but also protected from insects and vermin, as the nests may be frequently cleansed and fumigated and kept in a healthy condition. The recesses of the plates 23—27 are arranged opposite the material between the recesses of the adjacent plates, so that the rolled portions of one plate engage the transverse dividing rods 19—20 between the recesses of the adjacent plate, as shown in Fig. 5.

The divisions between the various compartments may be formed, if preferred, with cloth or other fabric instead of wire cloth under some circumstances.

The improved device is simple in construction, can be inexpensively manufactured, and of durable material.

The improved device may be placed upon the ground or within any suitable building or inclosure, or may be supported from a suitable structure, such as the wall of a building, supporting posts or the like.

What is claimed, is:—

1. A device of the class described, formed of vertical corner posts, side rods and end rods extending between said posts, transverse rods spaced apart and connected to said side rods, a plurality of plates each formed with a central opening and with alternating recesses and projections along their edges with the projections of one plate fitting into the recesses of the adjoining

plate and folded around the rods, a nest device within the aperture of each plate, and means for detachably supporting said nest devices upon said plates.

2. A device of the class described comprising corner posts, main side rods connecting said posts, a plurality of transverse rods connecting said side rods at spaced intervals, a plurality of plates each having a central aperture and with their margins rolled around said rods, and receptacles detachably supported in said apertures.

3. A device of the class described comprising a supporting structure including spaced upper and lower sides and spaced transverse rods uniting said side rods at spaced intervals, a plurality of lower plates carried by said lower side rods, each having an opening and with the edges of the plates folded around the rods, a receptacle detachably supported in each plate aperture, a plurality of upper plates for said upper side rods each having an opening and with the edges of the plates folded around the rods, the apertures of the upper plate being larger than the apertures of the lower plate, to permit the receptacle to be removed there-through, and a movable closure for each of the apertures of the upper plate.

4. A device of the class described formed of vertical corner posts, side rods and end rods extending between said posts, transverse rods spaced apart and connected to said side rods, a plurality of plates each formed with a central opening and with alternating recesses and projections along their edges with the projections of one plate fitting into the recesses of the adjoining plate and folded around the rods, a nest device within the aperture of each plate, and means for detachably supporting said nest devices upon said plates.

5. A device of the class described formed of vertical corner posts, side rods and end rods extending between said posts, a plate having a central opening and formed with alternating recesses and projections along its edges with the projections folded around the rods, a nest device within the aperture of the plate, and a lateral projection upon each nest device and bearing upon the plates.

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

SINDA M. HIXSON.

Witnesses:

M. L. BEAR,

GEO. WALKUP.