J. W. ANDERSON.

HEN'S NEST.

APPLICATION FILED JUNE 14, 1911.

1,010,213. Patented Nov. 28, 1911.

Fig. 1.

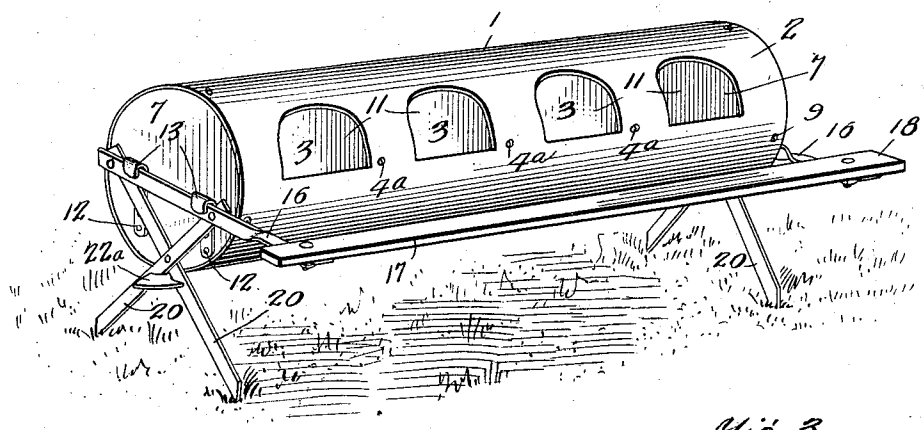


Fig. 3.

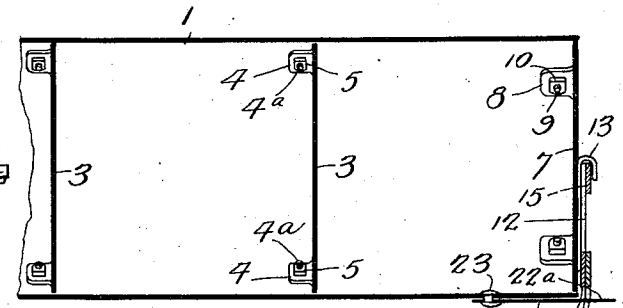
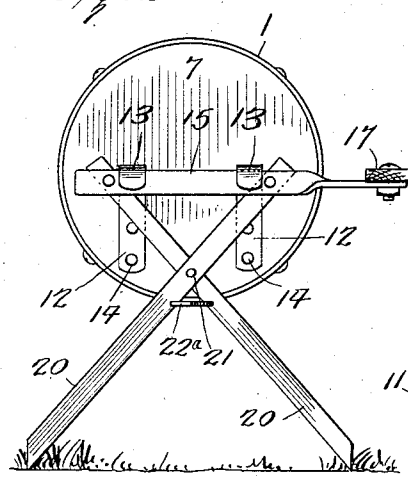


Fig. 2.



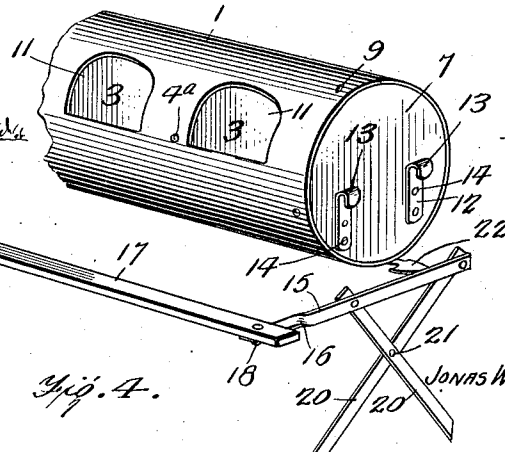


Fig. 5.

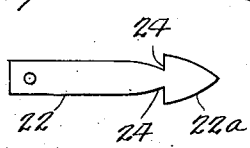


Fig. 4.

Witnesses

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HEN'S NEST.

1,010,213. Specification of Letters Patent. **Patented Nov. 28, 1911.**

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To all whom it may concern:

Be it known that I, JONAS W. ANDERSON, a citizen of the United States, residing at Brandon, in the county of Minnehaha and State of South Dakota, have invented new and useful Improvements in Hens' Nests, of which the following is a specification.

The objects of my invention are, in part, to provide a hen's nest which shall be composed of few parts, and which shall thus be extremely simple and inexpensive to manufacture, which shall be very light in weight, but exceedingly durable in use and highly efficacious for the purposes intended, and which may be sold at a nominal figure.

Other objects of improvement are: 1. To provide a novel construction of hen's nest, whereby the hen, by inserting her head into the opening to the nest, may not be able to reach the eggs in the nest, for the purpose of eating the same; and, to this end, the construction is such that the hen may easily look into the nest from the outside thereof, but, when she stands on the edge of the opening to the nest and places her head in the opening, her body completely fills the opening to the nest and, thus, darkens the interior of the nest, so that she may not see to eat the eggs. 2. To provide a cylindrical construction of nest, whereby, if the hen assumes a position on top of the cylinder and attempts to roost there, she will slide off; so that the top of the cylinder is kept clean, and free of roosting hens. 3. To provide a peculiar construction of nest which may, with great ease and celerity, be cleaned and kept sanitary.

Other subsidiary objects of improvement, going to make up the ultimate perfection of the whole device, will appear as the specification proceeds, and the nature of the invention more fully appears.

In the accompanying drawing, forming part of my specification, and in which like numerals of reference indicate corresponding parts throughout the several figures, I have shown one form of embodiment of my invention, capable of carrying out the underlying principles thereof; and in this drawing: Figure I is a perspective view of my device; Fig. II is an end elevation; Fig. III is a fragmentary longitudinal vertical section; Fig. IV is a fragmentary perspective view of the cylindrical nest and its supporting means, the former being removed from the latter, to illustrate graphically the removability feature; and Fig. V is a detached detail view of the spring-lock.

Referring, now, in detail to the drawing: 1 indicates, generally, a hen's nest, which is, for my purposes, preferably cylindrical, as shown at 2, and advantageously constructed of tin, or other suitable light metal, so as to be vermin-proof.

The cylinder 2 is advantageously interiorly divided into a plurality of compartments by suitable transverse partitions 3, which may be rigidly and immovably attached in position, but which are preferably removable, and, to this end, various means may be provided to effect removability of these partitions, but I have shown in the drawing and now proceed to describe my preferred form: Each of the partitions 3 may be provided, circumferentially with ears 4 adapted to bear against the interior surface of the cylinder 2, and through which ears and through the cylinder 2 screws 4^a (or the like), carrying nuts 5, may pass, thus removably securing said partitions 3 to said cylinder 2. By loosening the nuts 5 and removing them from the screws 4, the latter may be removed, and thus the partitions 3 left free to be removed laterally from the cylinder 2. This removability feature of the partitions is very desirable, as it provides for easy cleaning of the interior of the cylinder, as a stream of water, or other flushing liquid, may be passed through the cylinder 2, under pressure, from one end thereof to the other, thus thoroughly cleansing the cylinder, interiorly. Advantageously, also, the cylinder 2 has removable ends 7, 7, similarly removably attached to the casing or cylinder 2, by ears 8 carried by said ends 7, 7, through which ears and through the cylinder 2 screws 9, carrying nuts 10, pass. The cylinder or casing 2 is provided with a plurality of openings 11, conveniently and suitably disposed longitudinally thereof, desirably one for each interior compartment formed by said partitions 3.

To elevate or support the cylinder 2 above the ground, I may employ various means, but that which I prefer I have shown in the drawing and will now proceed to describe: The ends 7, 7 desirably carry, each, brackets or hook-members 12, 12; each of said hook-members may be formed of relatively thin, narrow strips of suitable material, preferably metal, bent at their tops, as

shown, to form hooks 13, 13, said hook-members 12, 12 being riveted, or otherwise secured, to the ends 7, 7, as shown at 14, 14. The remainder of my preferable structure for elevating the nest above the ground comprises: A horizontal strip 15, preferably of thin metal, is inserted edgewise, as shown, under the hooks 13, 13, the said strip being desirably twisted, at one end thereof, to present a horizontal plane surface 16 at right-angles to the vertical plane of the remainder of the strip; and upon said end portions 16 of the strips 15, 15 may be supported a perch 17, as shown, advantageously removably secured to said end portions 16 by screws 18 (or the like), carrying nuts 19. Depending from each of the two strips 15, 15 are legs 20, 20, which are desirably crossed, as shown, and at their point of juncture or crossing they may be riveted together, as shown at 21.

Means are provided to lock the legs 20, 20 and strips 15, 15 in normal position, *i. e.*, assembled with the cylinder 2; and, to this end, various devices may be used, but I have found the form shown to be desirable and very efficacious for the purpose: The preferable form of lock, therefore, comprises spring-catches 22, 22, carried by the cylinder 2 exteriorly of the bottom thereof, one catch being disposed at each end of the cylinder, as shown. The catches are preferably riveted, at their inner ends, or otherwise suitably secured, to the cylinder 2, as shown at 23. The spring-catches are preferably formed of a strip of spring material, and have each an outer, pointed, wedge-shaped or arrow-shaped head or end, 22^a as shown; *i. e.*, in each of the two longitudinal edges of the spring strip 22, toward one end thereof, there is formed a notch 24, the two edges of the strip extending from the notches 24, 24 to the outer or free end thereof being beveled so as to come to a point at the free end, as shown. Now, in assembling the legs 20, 20 and the horizontal strips 15, the latter are inserted under the hooks 13, 13, and the legs 20, 20 at the point thereof beneath their juncture are pressed against the free end of the spring-catch 22, the legs 20, 20 riding along the beveled edges of the wedge-shaped head of the catches, and forcing the spring-catch downward until the legs 20, 20 pass into the notches 24, 24, when the spring-catch 22 will spring upward, thus automatically locking the legs 20, 20, cross-strip 15, and perch 17 in assembled position with relation to the cylinder 2, as shown in the drawing. To remove the legs 20, 20, cross-strip 15, and perch 17, simply press down upon the free end or arrow-shaped head of the spring-catches 22, 22, which will release the legs from engagement therewith and permit same to be removed.

I am aware that various modifications and changes in my preferred form of structure, as herein described and shown, may be resorted to; but all such modifications and changes as come within the scope of the appended claims, constitute no departure from the spirit of the invention.

Having thus fully described my invention, what I claim as new and desire to secure by Letters-Patent is:

1. A hen's nest comprising a cylindrical shell, and means for elevating and supporting said shell above the ground, including: legs, means disposed at the top of said legs and to which said legs are secured, means carried by said shell and engaging said means secured to the legs, and spring-catches carried by said shell and engaging said legs to hold the same against accidental displacement.

2. A hen's nest comprising a cylindrical shell, and means for elevating and supporting said shell above the ground, including: legs, a member disposed at the top of and secured to said legs, means carried by said shell and engaging said member, and spring-catches carried by said shell and engaging said legs to hold the same against accidental displacement.

3. A hen's nest comprising a cylindrical shell, and means for elevating and supporting said shell above the ground, including: legs, a horizontal strip disposed at the top of and secured to said legs, means carried by said shell and engaging said strip, and spring-catches carried by said shell and engaging said legs to hold the same against accidental displacement.

4. A hen's nest comprising a cylindrical shell, and means for elevating and supporting said shell above the ground, including: legs, a horizontal strip disposed at the top of and secured to said legs, hook-members carried by said shell and engaging said strip and holding the same against upward displacement, and spring-catches carried by said shell and engaging said legs to hold the same against accidental removal from said shell.

5. A hen's nest comprising a cylindrical shell, and means for elevating and supporting said shell above the ground, including: legs, a horizontal strip disposed at the top of and secured to said legs, hook-members carried by said shell and engaging said strip and holding the same against upward displacement, and spring-catches carried by said shell and formed in their longitudinal edges with notches and with free ends formed arrow-shaped, said legs being normally disposed in said notches and thus held against accidental removal from said shell.

6. A hen's nest comprising a cylindrical shell, in combination with a perch disposed in proximity to said shell, and means for elevating and supporting said shell and said perch above the ground, including: legs, a

horizontal strip disposed at the top of and secured to said legs and carrying said perch, hook-members carried by said shell and engaging said strip and holding the same against upward displacement, and spring-catches carried by said shell and engaging said legs to prevent accidental removal thereof from said shell.

In testimony whereof, I have hereunto set my hand in presence of two subscribing witnesses.

JONAS W. ANDERSON.

Witnesses:
ROYAL H. WARREN,
CHRISTINA WAHLSTROM.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."