No. 747,677. PATENTED DEC. 22, 1903.

H. A. BIERLEY.

HEN'S NEST.

APPLICATION FILED MAY 23, 1903.

NO MODEL.

Fig. 1.

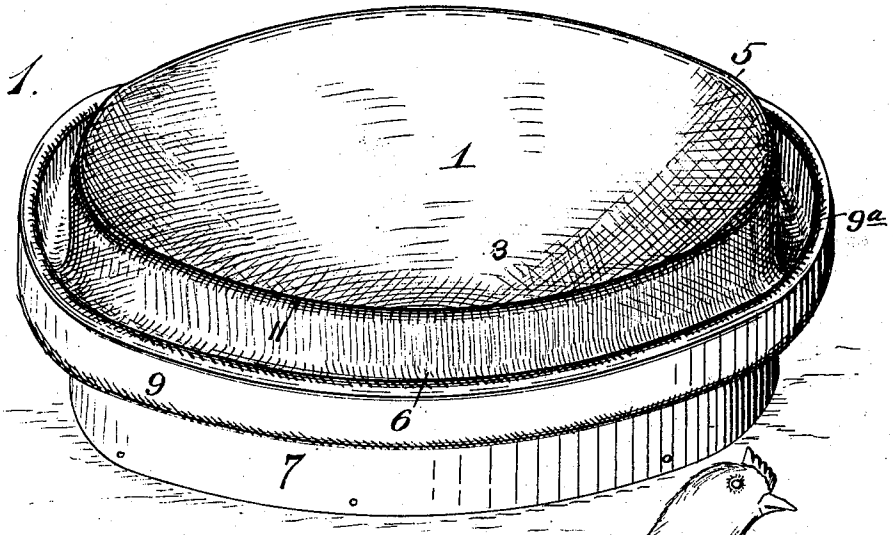


Fig. 2.

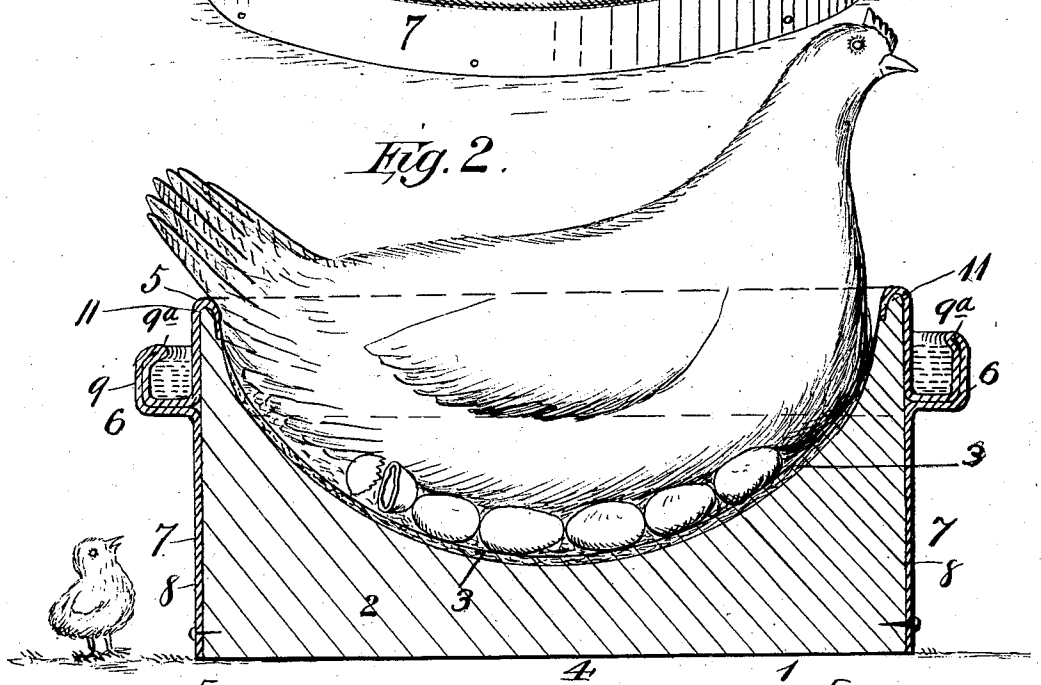
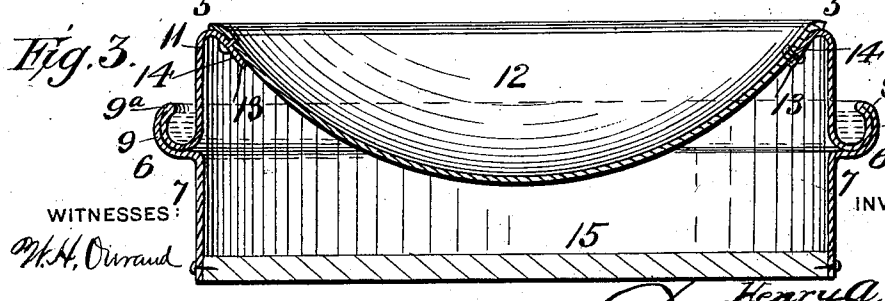


Fig. 3.



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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 747,677. Patented December 22, 1903.

UNITED STATES PATENT OFFICE.

HENRY A. BIERLEY, OF PORTSMOUTH, OHIO.

HEN'S NEST.

SPECIFICATION forming part of Letters Patent No. 747,677, dated December 22, 1903.

Application filed May 23, 1903. Serial No. 158,432. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. BIERLEY, a citizen of the United States, residing at Portsmouth, in the county of Scioto and State of Ohio, have invented new and useful Improvements in Hens' Nests, of which the following is a specification.

My invention relates to hens' nests; and the object of the same is to construct a nest provided with a trough for holding liquid, such as water or kerosene-oil, or any insecticide, to keep vermin from crawling into the nest.

The simple and novel construction employed by me in carrying out my invention is fully described and claimed in this specification, and illustrated in the accompanying drawings, forming a part thereof, in which—

Figure 1 is a perspective of my improved nest. Fig. 2 is a vertical longitudinal section thereof. Fig. 3 is a modified form of the nest.

Like numerals of reference designate like parts in the different views of the drawings.

The numeral 1 designates the body of the nest, which consists of an oval block 2, of wood or other suitable poor conducting material, hollowed out at 3 to form a concave receptacle for the eggs and sitting hen. The bottom 4 of the block 2 is made plane to adapt it to be set on a shelf.

Mounted on the outside of the receptacle and located a few inches below the edge 5 thereof is a trough 6, which completely surrounds the nest and is designed to hold water or some other liquid or insecticide to prevent vermin from entering the nest by crawling. The trough 6 is located just far enough below the edge of the nest to prevent the overhanging feathers of the hen from reaching down into it.

There are many different ways of constructing the trough, and a preferred way is illustrated in Figs. 1 and 2, which show a ring 7, of sheet metal, which is secured to the sides 8 of the receptacle and has an upturned rim 9 integral therewith, which forms a trough. The upper edge of the rim 9^a is bent inwardly to half close the mouth of the trough, and thereby retard the evaporation or waste of the insecticide and also prevent the hen from reaching the same with her bill.

The ring 7 extends down to the bottom of the block 2 and the upper edge 11 is bent over to cover the rounded edge 5 of the nest to protect it against wear. It will be evident that the insecticide in the trough 6 will prevent vermin from crawling into the nest.

In the modified form illustrated in Fig. 3 the body of the nest is formed of a thin sheet 12 of non-conducting material which is pressed to form a rounded concave receptacle, and the edges 13 are attached to the downturned upper edge 14 of the ring 10. A disk 15 is connected to the lower edges of the ring to form a bottom for the whole.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of my invention.

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

1. In a hen's nest, the combination of a receptacle for the hen and her eggs, and a trough surrounding said receptacle, said trough being designed to hold an insecticide to prevent vermin from crawling into the nest and to catch the same, substantially as described.

2. In a hen's nest, the combination of a receptacle for the hen and her eggs, and a trough surrounding said receptacle and located just below the edge thereof, said trough being designed to hold liquid or any insecticide, substantially as described.

3. In a hen's nest, the combination of a receptacle for the hen and her eggs, and an upturned rim surrounding said receptacle to form a trough to hold liquid or an insecticide, substantially as described.

4. A hen's nest comprising a receptacle for holding the hen and her eggs, said receptacle being constructed of a poor conducting material such as wood, and an upturned metal rim surrounding said receptacle and located below the upper edge thereof, said rim being designed to form a trough to hold an insecticide, substantially as described.

5. In a hen's nest, the combination of a receptacle for the hen and her eggs, of a trough surrounding said receptacle and located below the upper edge thereof, the mouth of said trough being partially closed to prevent the waste of the insecticide therein, substantially as described.

6. In a hen's nest, the combination of a block of wood hollowed out to form a receptacle for holding a hen and her eggs, and a metal ring surrounding said block and bearing an upturned rim which forms a trough for holding insecticide, substantially as described.

7. In a hen's nest, the combination of a receptacle of poor conducting material to accommodate a sitting hen, and an upturned metal rim surrounding said receptacle and forming a trough having a partially-closed mouth, substantially as described.

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

HENRY A. BIERLEY.

Witnesses:
ARTHUR C. MUSSER,
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