

No. 875,417.

PATENTED DEC. 31, 1907.

L. C. ELLIS.
BROODER.

APPLICATION FILED MAY 6, 1907.

2 SHEETS—SHEET 1.

Fig. 1.

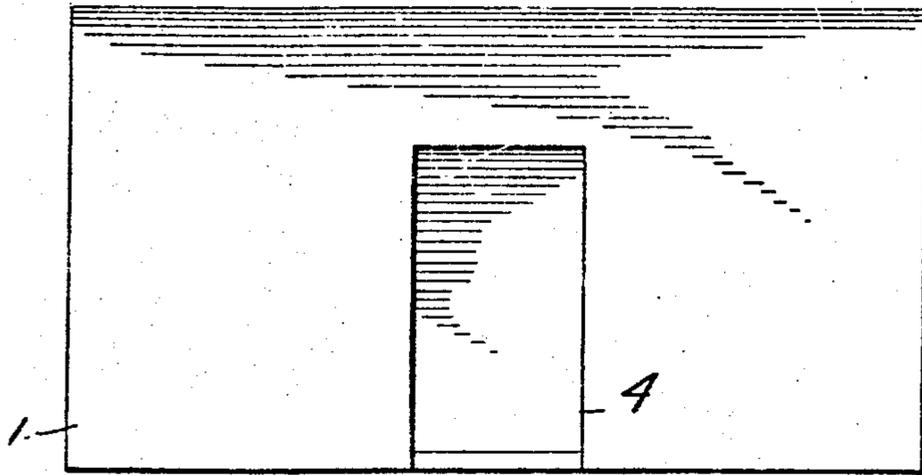
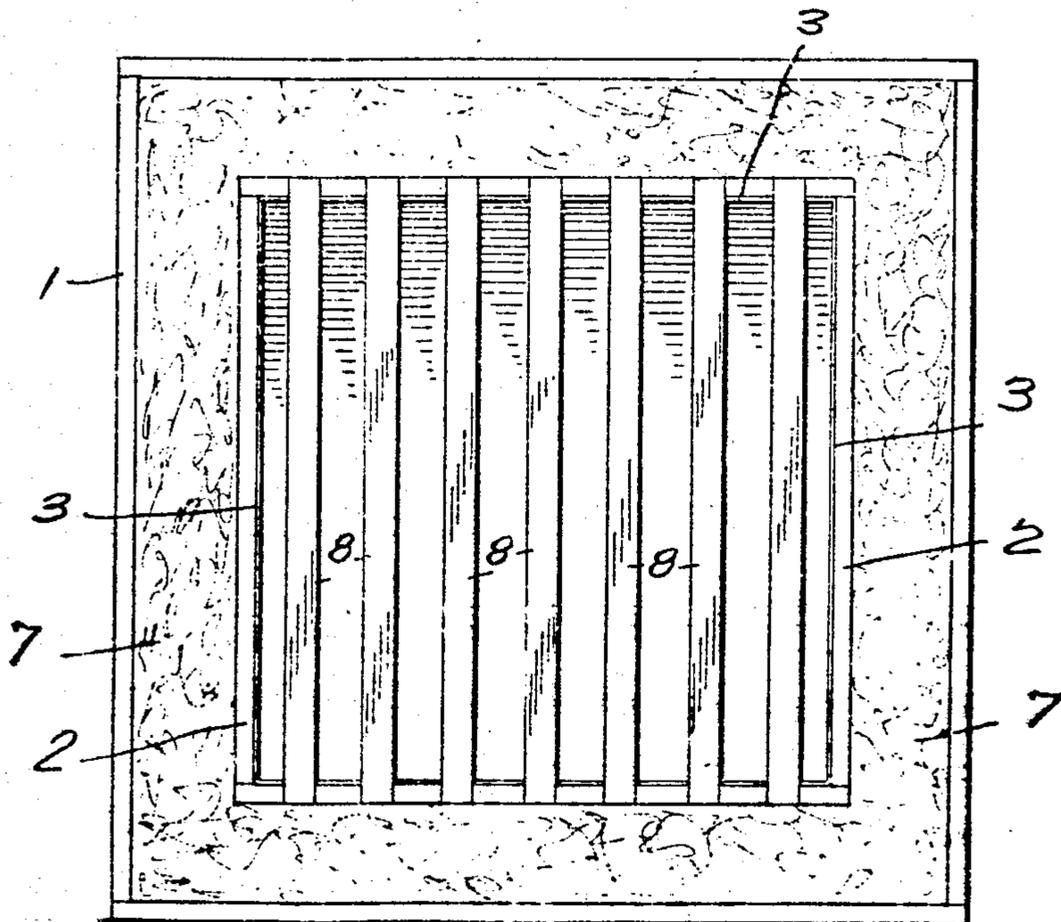


Fig. 2.



Witnesses

G. R. Thomas
John S. Brown

Inventor

Lucy C. Ellis

By

[Signature]

Attorneys

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2 SHEETS—SHEET 2.

Fig. 3.

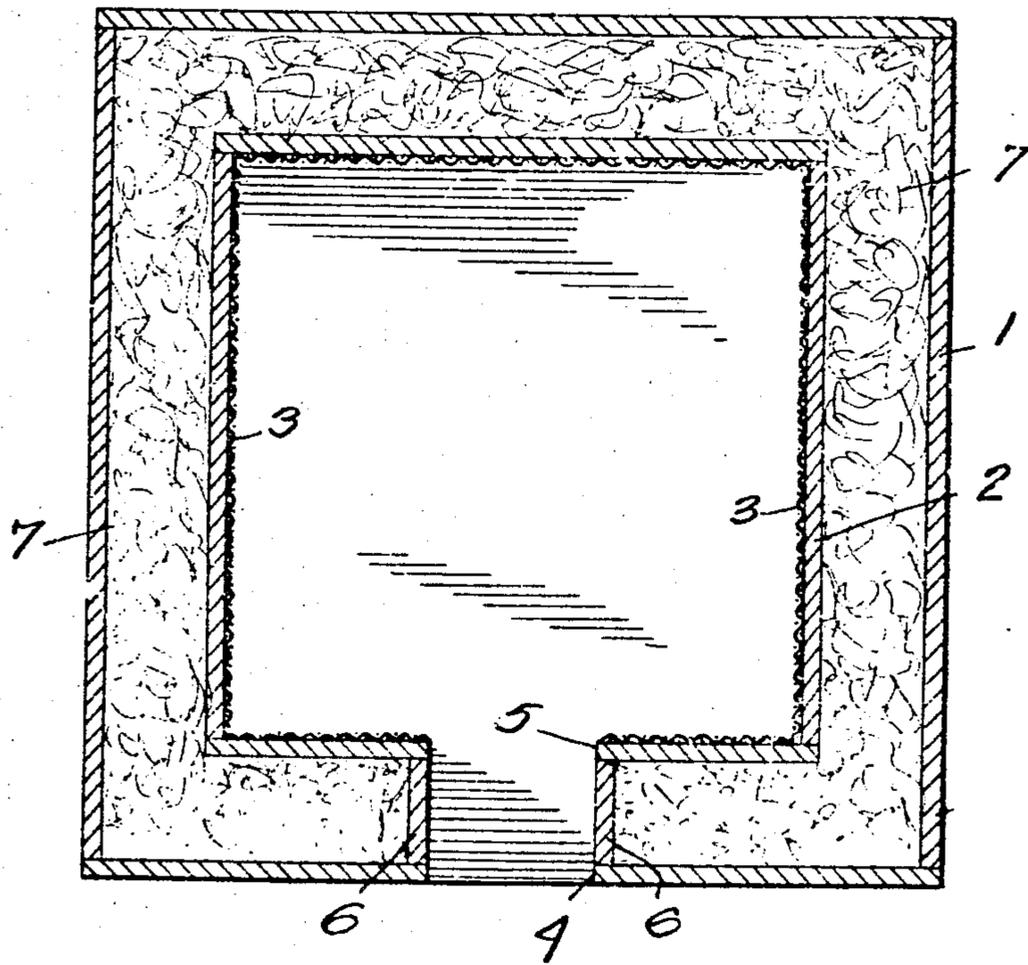
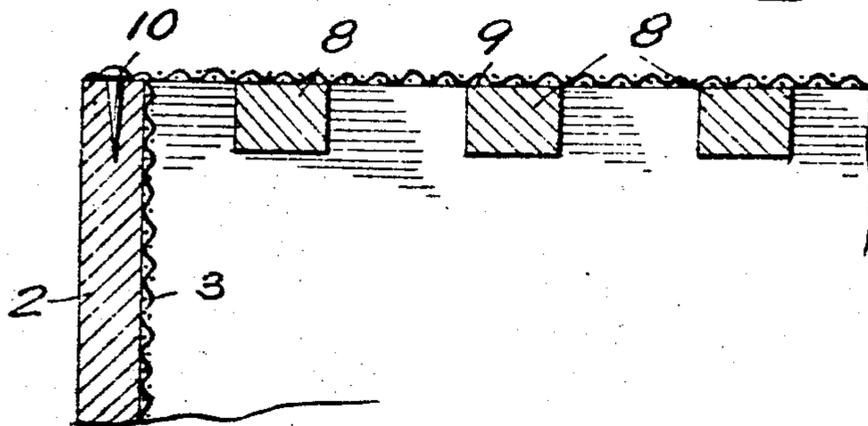


Fig. 4.



Witnesses

G. R. Thomas
John & Sons

Inventor

Lucy C. Ellis

By

Charles Chandler

Attorney

UNITED STATES PATENT OFFICE.

LUCY C. ELLIS, OF HERRELL, NORTH CAROLINA.

BROODER.

No. 875,417.

Specification of Letters Patent.

Patented Dec. 31, 1907.

Application filed May 6, 1907. Serial No. 372,199.

To all whom it may concern:

Be it known that I, LUCY C. ELLIS, a citizen of the United States, residing at Herrell, in the county of Mitchell, State of North Carolina, have invented certain new and useful Improvements in Brooders; 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 new and useful improvements in brooders, and it has for its object to provide a device of this class which shall be extremely simple in construction, inexpensive to manufacture and efficient in use.

The details of construction will appear in the course of the following description in which reference is had to the accompanying drawings forming a part of this specification, like characters of reference designating similar parts throughout the several views, wherein:

Figure 1 is a front elevation of a brooder constructed in accordance with the present invention. Fig. 2 is a top plan view thereof, the top covering of textile material being removed. Fig. 3 is a horizontal sectional view thereof. Fig. 4 is a section illustrating the covering of textile material imposed upon the supporting slats.

Referring specifically to the accompanying drawings, the numeral 1 designates the outer wall of the brooder and the numeral 2 the inner wall, which is preferably lined with woolen cloth 3 along the inner sides and ends thereof. The walls 1 and 2 are formed with openings 4 and 5, whereby access may be had to the interior of the brooder to permit of the fowls walking into and out of the same, and

transverse walls 6 are secured to the walls 1 and 2 adjacent the several edges of the openings to completely close the space between said walls, the said space being filled with suitable cold air insulating material 7 and thus affording a dead air chamber. Spanning the upper edges of the wall 2, are a plurality of transverse spaced parallel slats 8, which afford a support for a covering of textile material 9, the latter having its edges detachably engaged with the upper edges of the wall 2 by tacks or other suitable fastening means 10.

The provision of the dead air chamber and the lining 3 of wool cloth insures of the temperature within the interior of the brooder being maintained at the degree requisite to keeping the fowls in the best condition and the structure, while effectually attaining this object is one of marked simplicity and inexpensiveness.

What is claimed is:

A brooder of the type set forth, comprising inner and outer walls spaced to afford a dead air chamber, said walls being formed with registering door openings, transverse walls secured to the edges of said walls adjacent said door openings, a filling of heat insulating material interposed in said dead air chamber, a lining of woolen cloth secured to the inner surface of said inner wall, spaced parallel slats supported upon the upper edges of said inner wall, and a covering of textile material imposed upon said slats.

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

LUCY C. ELLIS.

Witnesses:

JAMES WILSON,
JEMSEL HERRELL.