

(No Model.)

2 Sheets—Sheet 1.

S. P. CLOYD.
COOP.

No. 505,439.

Patented Sept. 26, 1893.

Fig. 1.

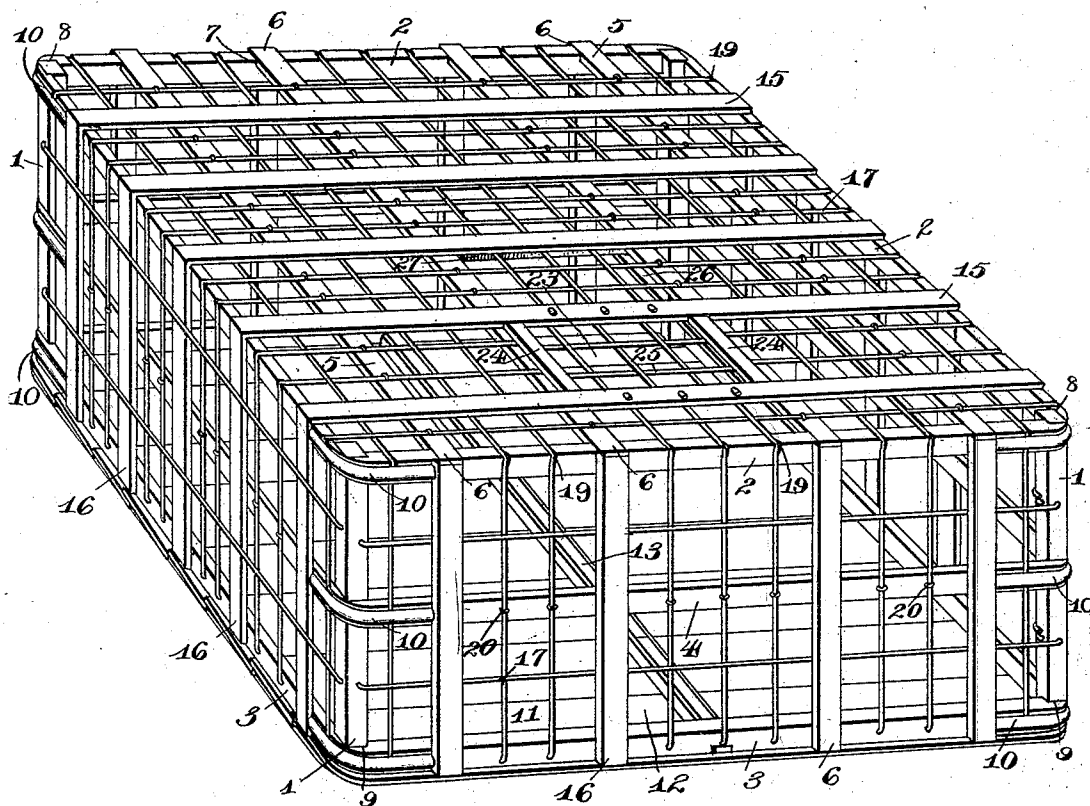
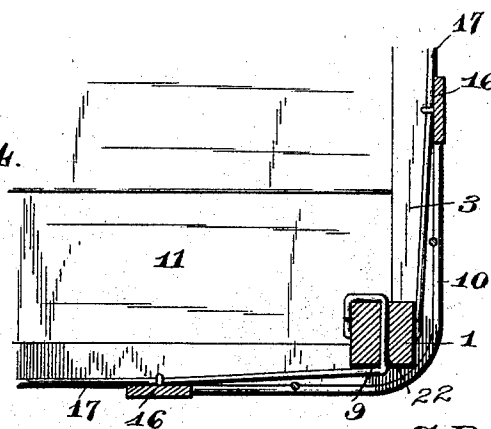


Fig. 4.



Witnesses

C. Ford.
W. H. Riley

Inventor

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By *his* Attorneys,

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S. P. CLOYD.
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Fig. 2.

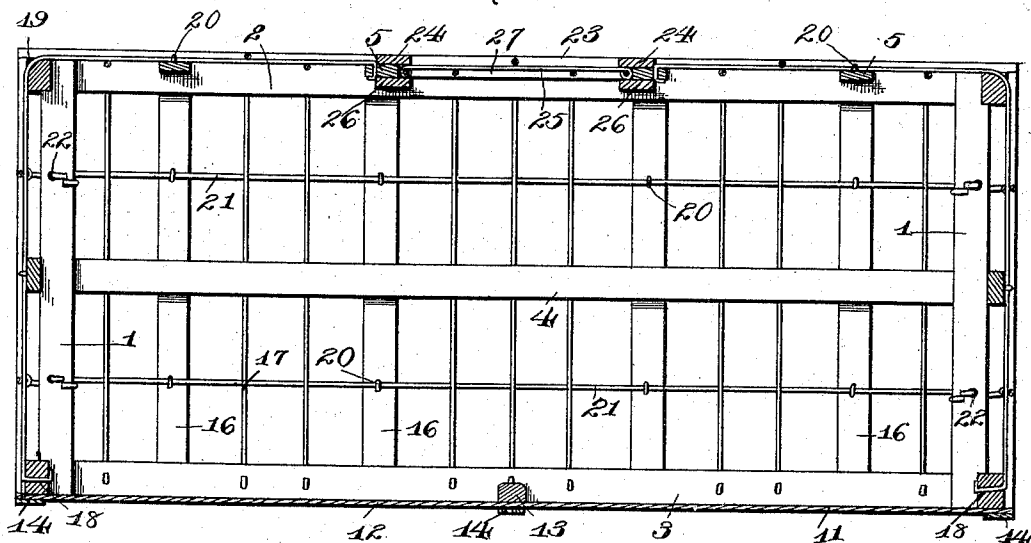
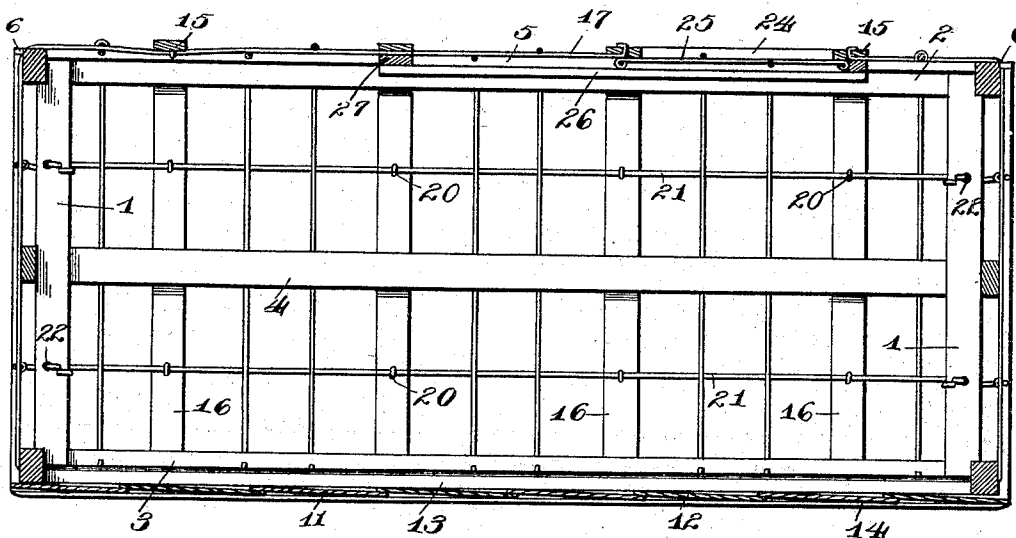


Fig. 3.



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UNITED STATES PATENT OFFICE.

SAMUEL PRESTON CLOYD, OF TREZEVANT, TENNESSEE.

COOP.

SPECIFICATION forming part of Letters Patent No. 505,439, dated September 26, 1893.

Application filed January 28, 1893. Serial No. 460,124. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL PRESTON CLOYD, a citizen of the United States, residing at Trezevant, in the county of Carroll and State of Tennessee, have invented a new and useful Coop, of which the following is a specification.

The invention relates to improvements in coops.

The object of the present invention is to provide a simple, inexpensive, strong and durable coop adapted for shipping fowls, and other animals, and capable of preserving its contents in a healthy condition, and of enabling the same to be readily removed from the crate.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings and pointed out in the claims hereto appended.

In the drawings—Figure 1 is a perspective view of a crate constructed in accordance with this invention. Fig. 2 is a vertical sectional view. Fig. 3 is a similar view taken at right angles to Fig. 2. Fig. 4 is an enlarged detail sectional view showing one of the corners of the coop.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates corner posts having secured to them at their tops and bottoms and at an intermediate point, preferably the middle, upper, lower and intermediate horizontal frame-bars 2, 3 and 4 forming a rectangular frame. The frame thus formed is supported at the top by parallel intermediate top bars 5 having their ends 6 recessed and secured in corresponding recesses 7 of opposite top bars 2. The top and bottom frame-bars 2 and 3 have their ends 8 and 9 recessed at their inner faces to receive the ends of the corner posts and forming partial sockets for the same. The corners are strengthened and supported by angle strips 10 secured to the outer faces of the recessed ends of the top and bottom frame-bars to securely fasten the top and bottom frame-bars to the corner posts. The intermediate horizontal frame-bars 4 have their ends secured to the corner posts by angle strips 10; and the ends of the horizontal frame-

bars 2, 3 and 4 are rounded by beveling to facilitate the attachment of the angle-strips 10.

The bottom 11 of the coop is constructed of a series of thin boards 12 having their adjacent edges overlapping and supported on their upper faces by a central cross cleat 13, and on their lower faces by cross cleats 14 arranged at opposite sides and at the center. The ends of the cleats 14 are beveled, and the cleat 13 has its ends recessed and secured in corresponding recesses of the adjacent bottom frame-bar.

The crate is provided at intervals on its top with parallel strips 15 and corresponding vertical strips 16 on all of its sides. These strips when the coop is designed for fowls, are preferably constructed of wood, but when the coop is designed for shipping animals, such as hogs, dogs, or the like, the strips should be constructed of metal.

Between the strips the coop is covered with crossed wires 17 having their lower ends secured in perforations 18 of the bottom frame bars and extending vertically on the sides of the coop and horizontally on the top of the same. The top frame-bars 2 are provided at their upper outer edges with notches 19 to receive the bend of the wire, and the other strips and bars crossed by the wires are provided with securing staples 20. The ends of the wires which are secured to the bottom frame-bars are upturned against the inner faces of the same. Horizontal wires 21 are arranged at each side of the coop and have their ends secured to the corner posts by passing through perforations 22 thereof, and being turned against the inner faces of the corner posts.

An opening 23 is provided in the top of the coop and is framed by two of the strips 15 and cross-pieces 24; and when the coop is in use this opening is closed by a sliding door 25 arranged in opposite ways formed by cleats 26 secured to the lower faces of two of the intermediate top bars 5 and projecting from the edges thereof to support the sliding jaw. The sliding jaw is retained in the ways by stop bars 27 arranged at the ends of the cleats 26. When closed the sliding door may be locked or secured in any suitable manner.

It will be seen that the coop possesses great

strength and durability, and is not liable to become broken by rough handling, as the wires are arranged in the notches of the top frame bar, and the angle strips terminate adjacent to the vertical strips which are nearest the corner posts, whereby the angle strips and the vertical strips mutually support each other.

Changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

What I claim is—

1. A coop comprising corner posts, top and bottom horizontal frame bars having their ends recessed at their inner faces and receiving the corner posts therein and forming partial sockets for the same, said top and bottom bars having their ends rounded at the outer faces, the angle strips secured to the outer faces of the top and bottom frame bars and conforming to the same, a bottom, and strips and wires for completing the coop, substantially as described.
2. A coop comprising corner posts, top and bottom horizontal frame bars having their inner faces recessed at the ends to receive and form partial sockets for the corner posts and having their ends rounded at their outer faces, the intermediate horizontal frame bars having their ends rounded and secured to the corner posts, the angle strips secured to the

ends of the horizontal frame bars, the intermediate top frame bars, the strips arranged on the top and sides of the coop, and the wires located between the strips, substantially as described.

3. A coop comprising corner posts, top and bottom horizontal frame bars secured to the corner posts, the top bars being provided at their upper outer edges with notches and the bottom bars having perforations, and wires extending over the top of the coop and arranged in the notches of the top bars and having their ends passed through the perforations of the bottom bars and turned against the same, substantially as described.

4. A coop having an opening at its top and provided with a series of bars and strips arranged at right angles and framing the opening, the cross-pieces secured to the bars adjacent the opening, the cleats secured to the lower faces of the bars adjacent to the opening and projecting therefrom and forming ways, stop bars arranged at the ends of the ways and closing the same, and a sliding door mounted in the ways, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

SAMUEL PRESTON CLOYD.

Witnesses:

JOHN R. HILSMAN,
T. H. HARRIS.