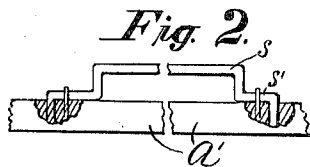
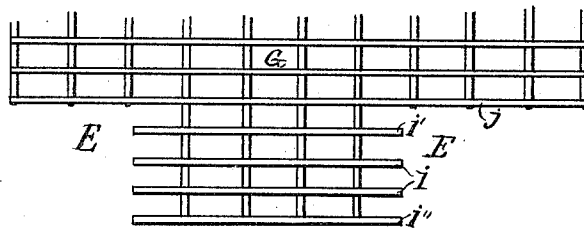
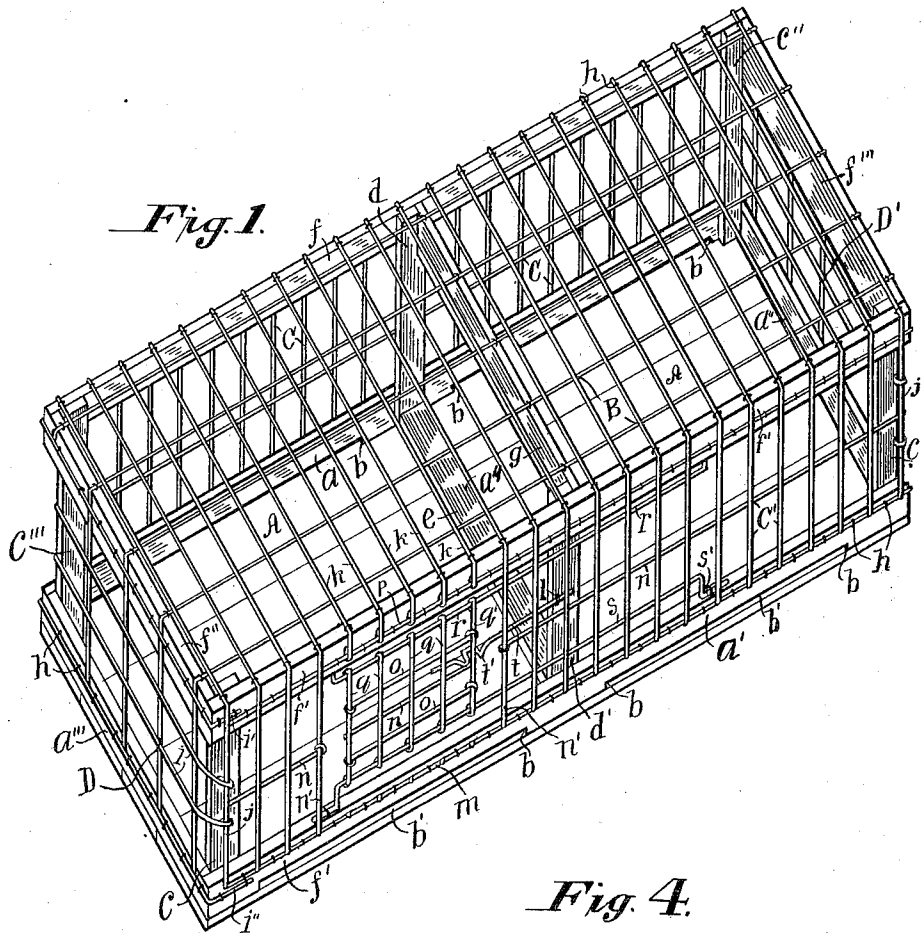
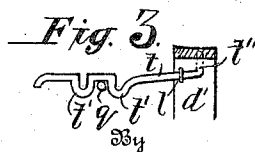


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Patented Sept. 24, 1912.



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POULTRY-COOP.

1,039,113.

Specification of Letters Patent.

Patented Sept. 24, 1912.

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To all whom it may concern:

Be it known that I, LEWIS D. FOWLER, a citizen of the United States, residing at Oklahoma city, in the county of Oklahoma and State of Oklahoma, have invented certain new and useful Improvements in Poultry-Coops, of which the following is a specification.

My invention relates to poultry coops, in which a wood frame is covered with electrically welded wire netting bent and secured to said frame, as hereinafter described.

The objects of my invention are; first, to provide a strong and durable coop; second, to construct such a coop sufficiently cheaply to satisfy the public demand; third, a coop having a comparatively smooth upper surface to prevent articles catching thereon.

I accomplish these objects by the mechanism illustrated in the accompanying drawings, forming a part of this specification, in which:

Figure 1 is a perspective view of my poultry coop complete; Fig. 2 is an elevation of part of the front sill, part in section, showing the manner of securing the door supporting rod to the sill; Fig. 3 is a plan view of the door fastening device; secured to a portion of the center post of the front side of the coop; Fig. 4 is a plan view of a portion of one end of a strip of the welded wire netting used in covering the coops, showing how the corners are cut away, to form the coop covering.

Similar letters refer to similar parts in the several views.

Referring to the drawings, *a* and *a'* designate the rear and front sills to the lower edges of which the bottom or floor *A* is securely nailed, except at *b*, where the sills have their lower edges cut away leaving the openings or slots *b'* to aid in washing the floor of the coop providing an escape for the water and debris when cleaning the coops. To the lower edge of the end sills *a''* and *a'''* the floor *A* is firmly secured, in a manner to leave the outer surface of the bottom of the coop smooth for convenience in handling. In the four corners are the corner posts *c* *c'* *c''* and *c'''* firmly secured to the said sills; and midway the corner posts upon each side are the side posts *d* and *d'* secured to the side sills *a* and *a'* to increase the strength of the coop, and to add firmness to the coop floor *A*, a central sill *a⁴* is secured thereto and to the side posts *d* and *d'*.

The said posts are of equal length and to the outer surface of their upper ends are firmly secured the side plates *f*, *f'* and the end plates *f''* and *f'''*, and to strengthen the top of the coop the cross tie *g* has its ends secured to the side posts *d* and *d'* and to the side plates *f* and *f'*. See Fig. 1. The roof *B*, the sides *C*, *C'* and the ends *D* and *D'* are completed by taking a strip of electrically welded wire netting *G* equal in width to the width and twice the height, nearly, of the coop and equal the length and (nearly) twice the height of the coop, cutting the corners away, as at *E E*, Fig. 4, placing said netting on the coop frame, bending the margins down and securing them to the sills by staples *h*; the cross wires *i i* being cut long enough to pass around the corner and wrap around the corner wires *j*. See Figs. 1 and 4. Said wire netting being firmly united at the intersections makes a strong joint and a comparatively smooth surface which adapts it to this use. The wire netting is firmly stapled to the sills, the plates, the posts and the cross tie *g*. In this manner I construct a poultry coop approximately indestructible and light having the advantages of ventilation, and sanitation and adapted to withstand the rough usage to which such coops are subjected in shipping poultry and returning the coops.

I provide a door opening by cutting the cross wires *k* from the marginal wire *m* and the longitudinal wire *n* has a portion cut out and its ends bent around the vertical wires *n'* to add strength; the said wires *k* being cut long enough to wrap around the upper door-opening wire *p* adding security to the wires remaining in position. To add strength and safety to the door the two horizontal wires *o o* are added, having their ends clamped around the vertical marginal wires *q'* of the door. See Fig. 1. To hang the door two like wires or rods *r* and *s* have near their ends off-set, as at *r'* and *s'* and have a portion of their ends bent at right angles in the same direction forming toes or spike feet to be driven in the upper edge of the front sill *a'* as *s* (Fig. 1) and the other one *r* being inverted and having its spike ends driven in the under edge of the plate *f'* directly above the first one *s*; the vertical wires *q* of the door having their ends wrapped loosely around the said rods or wires *r* and *s*, in a manner to slide longi-

tudinally upon said wires, or rods. To hold the door in a closed position a piece of spring wire *t* has one of its ends bent at right angles with its body portion forming a spike end *t''* and near its opposite end it is bent into a form resembling a wide **W** having its lower points or feet *t'* sufficiently far apart for one of the vertical wires of the door to rest between said points or feet, *t'*; the spike end is driven into the outer surface of the front central post *d'* and to add security to its remaining in position a staple *l* is driven into said post over said door fastener *t*, see Figs. 1 and 3.

In operation, when it is desired to open the door press the portion *t'* of the door fastener *t* inwardly disengaging the said fastener from the vertical wire *q* of the door and slide the door open to any desired extent which may be held open by the said fastener engaging one of the vertical wires of the door and to hold the door in a closed position slide the door shut and cause the door fastening spring *t* at the offset *t'* to engage one of the vertical wires *q*. See Fig. 1.

It will be understood that the door may be placed anywhere between the ends of the coop, and in either side.

Having thus described my invention, what

I claim as new and desire to secure by Letters Patent, is—

In a device of the character described, the combination with a coop body having a doorway formed therein, said coop body comprising vertical standards, a horizontally disposed wire located above said doorway and fixedly secured to the coop body, a horizontally disposed wire located below the doorway and fixedly secured to the coop body, a door formed entirely of wire netting, the ends of the vertical strands of said netting being bent into engagement with said horizontal wires above and below the doorway, to thereby slidably mount the door upon said wires, and a fastening device for said door formed of a single piece of wire and having one of its ends bent substantially at right angles to itself, said bent end being driven into one of said standards and an offset portion formed in said fastening device to adapt it to be engaged with one of the wires of the door.

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

LEWIS D. FOWLER.

Witnesses:

J. H. WAMSLEY,
FRED H. MILLER.

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