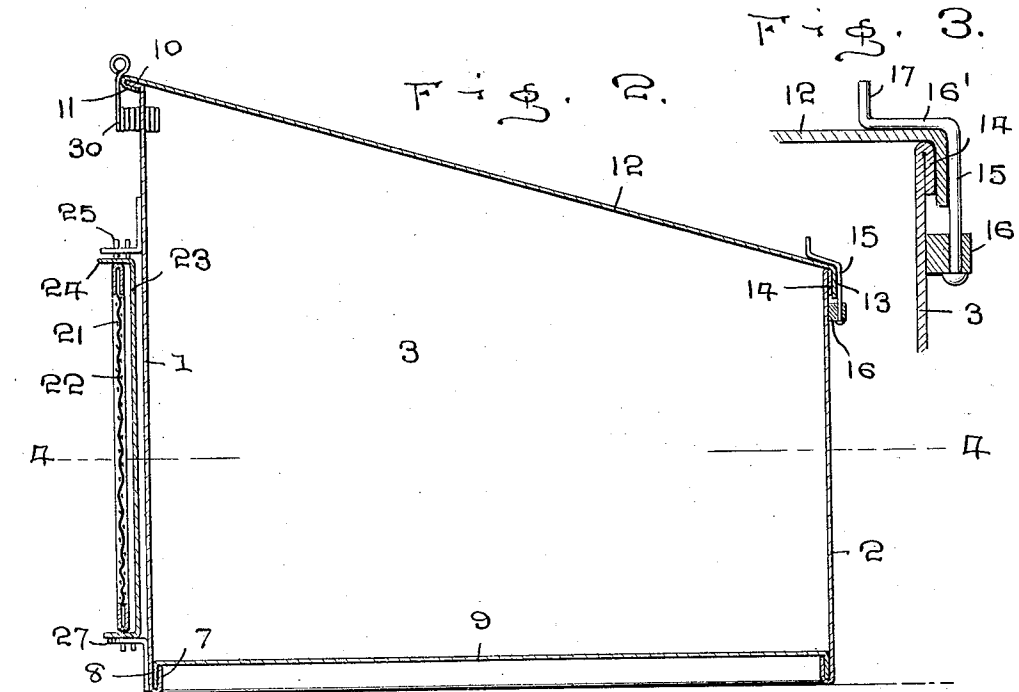
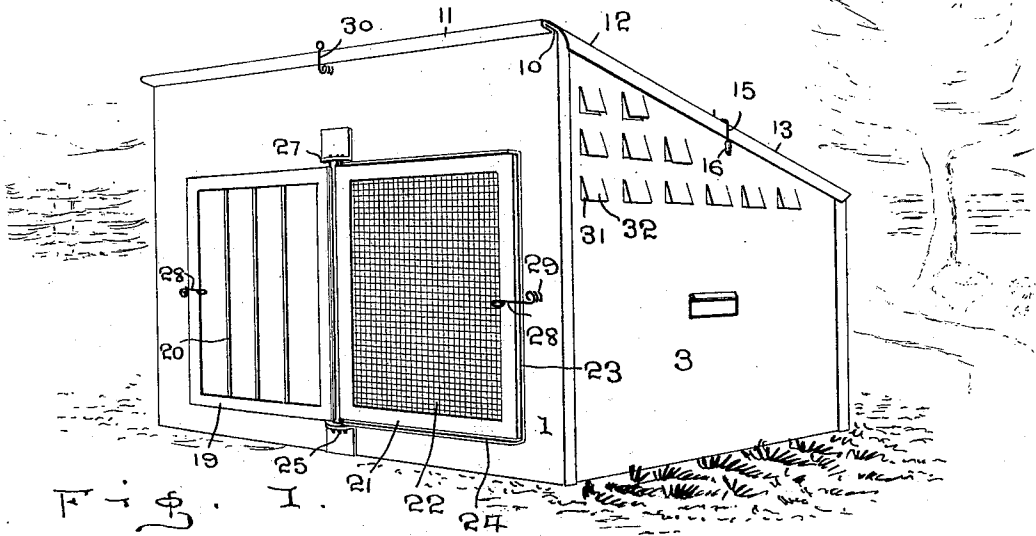


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CHICKEN BROODER OR COOP.
APPLICATION FILED MAR. 16, 1909.

944,918.

Patented Dec. 28, 1909.

2 SHEETS—SHEET 1.



WITNESSES:

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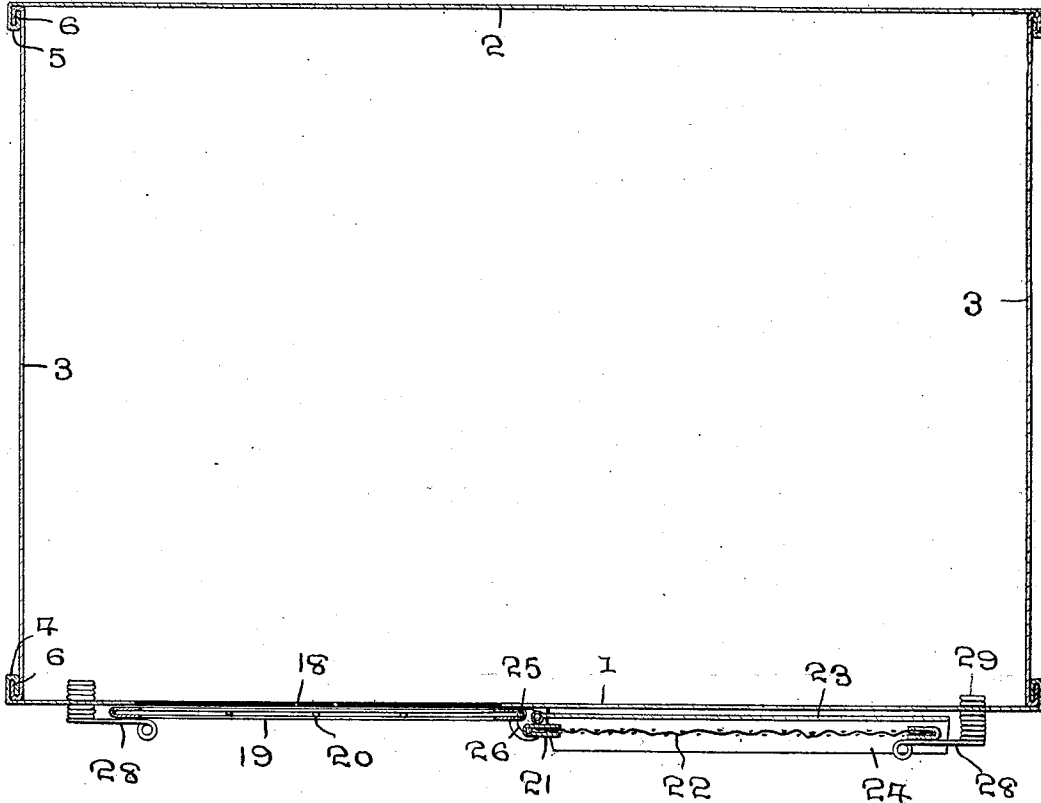
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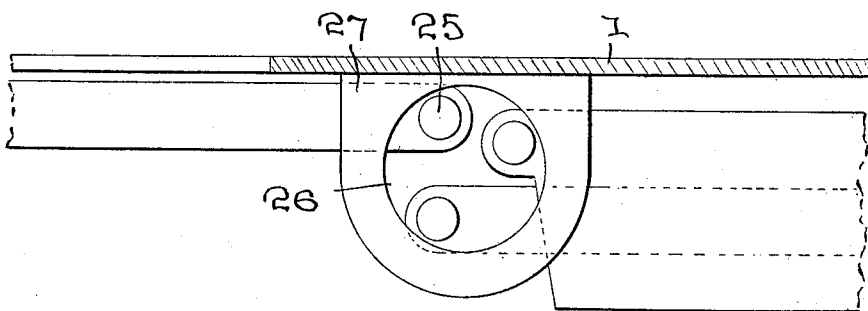
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2 SHEETS—SHEET 2.

F. i. S.



F. i. S. 5.



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UNITED STATES PATENT OFFICE.

ELLA M. SELZER, OF MORNING SUN, IOWA.

CHICKEN BROODER OR COOP.

944,918.

Specification of Letters Patent. Patented Dec. 28, 1909.

Application filed March 16, 1909. Serial No. 483,751.

To all whom it may concern:

Be it known that I, ELLA M. SELZER, a citizen of the United States, residing at Morning Sun, in the county of Louisa and State of Iowa, have invented certain new and useful Improvements in Chicken Brooders or Coops; 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.

My invention relates to new and useful improvements in chicken brooders or coops and my object is to provide a device of this class which is preferably constructed of metal and readily assembled together.

A further object is to provide means for holding the parts of the coop in their assembled positions and at the same time reinforce the same.

A further object is to provide a plurality of closures for an opening in one wall of the coop and suspend said closures from the same set of hinges and a still further object is to provide adjustable latches for holding said closures in their open or closed positions.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claim.

In the accompanying drawings forming part of this application, Figure 1 is a perspective view of my improved brooder in its assembled position showing two of the closures in their open position. Fig. 2 is a transverse sectional view through the brooder. Fig. 3 is an enlarged detail sectional view showing one of the devices for securing the parts of the brooder in its assembled position. Fig. 4 is a horizontal sectional view through the brooder as seen on line 4-4, Fig. 2, and Fig. 5 is a detail sectional view on an enlarged scale showing the manner of hingedly mounting the closures on the brooder.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1 and 2 indicate the front and rear walls, respectively, of my improved brooder and 3 indicates the end walls thereof the vertical edges of said walls being formed with interlocking terminals 5 and 6, respectively, while the lower edges of each of the walls are provided with channels 7 in which is adapted to extend a flange 8 depending from

the edges of a floor 9, the interlocking terminals and entering of the flange in the channels, securely holding the walls and floor against casual separation.

The upper edge of the front wall 1 is provided with an angular extension or lip 10, which lip extends forwardly from the front wall and is adapted to be engaged by a channel extension 11 at the forward edge of a cover or roof 12, while the rear edge and end sections of the roof are provided with depending flanges 13, which are adapted to overlap the end walls 3 and rear wall 2, the upper edges of the end walls and rear wall being turned down to form a reinforcing strip 14.

After the several walls and floor have been properly assembled together, the channel 11 is engaged with the lip 10 and the roof then lowered until the flanges 13 engage the outer faces of the rear and end walls, after which clamps 15 are moved into engagement with the roof to securely lock the same in position over the walls and at the same time form a rigid connection between the walls and roof, the clamps 15 being preferably formed from a section of heavy wire and having their lower ends rotatably mounted in blocks 16 carried by the walls, the upper portion of the clamps being bent substantially L-shaped, the horizontal portion 16' thereof being adapted to engage the upper face of the roof while the vertical portion 17 is adapted to form a handle, by means of which the clamps may be readily moved into or out of engagement with the roof.

The front wall 1 is provided with an opening 18, through which entrance may be had to the interior of the brooder and said opening is provided with a plurality of closures, preferably three in number, the first of which comprises a frame 19, in which are placed a plurality of bars 20, this frame being adapted to engage the outer face of the front wall 1 when in its closed position and by providing the bars and spacing the same a distance apart, the chicks or small fowls within the brooder may readily pass between the bars, while the larger fowls are excluded therefrom.

The second closure comprises a frame 21, to which is secured a cover of woven wire 22 or similar substance, which when in its closed position will prevent ingress or egress

between the bars 20, but will provide perfect ventilation and light for the interior of the brooder and if desired, a cover of cloth may be substituted for the wire or placed thereover. The third closure, which is preferably formed of metal, consists of a solid plate 23, which is adapted to rest against the outer face of the frame 21 when they are in their closed positions, the upper and lower edges of the plate 23 having ledges 24 which are of sufficient extent to receive the frames 19 and 21, the free edges of said ledges resting against the face of the front wall when all of the closures are in their closed positions, the plate 23 forming a complete closure for the opening 18.

Each of the closures is provided with a bearing rod 25, which rods project beyond the upper and lower edges of the closure and are adapted to extend through openings 26 in the hinge sections 27, the opening 26 in each of the hinges 27 being of such diameter as to receive all of the bearing rods and permit the closures to swing into a closed position.

The closures are held in their open or closed positions by means of latches 28, which latches preferably terminate in spirals 29, which spirals extend at right angles to the trend of the latches and are entered through openings in the front wall 1 and said latches may be adjusted to engage and hold all three of the closures, or but one of the closures, as occasion may require by rotating the spiral portions of the latches and extending them from or toward the outer face of the wall 1 and by forming said latches of spring wire, the latch portion thereof will exert pressure against the closures and hold the same in their open or closed positions, a similar latch 30 being provided adjacent the upper edge of the front wall 1, which latch is adapted to engage the forward edge of the roof 12 and hold the same securely in engagement with the lip 10, the engagement of the latch with

the roof also lending rigidity to the front wall and thereby bracing the same.

The brooder may be further ventilated by striking out portions of the end walls to form openings 31, the upper ends of the struck-out portions 32 remaining integral with the end walls and thereby preventing rain, etc., from entering the opening, at the same time permitting air to freely pass therethrough.

By constructing the various parts of my improved brooder of sheet metal, the same will be practically indestructible and can be readily transported from place to place and it will likewise be seen that the chicks may readily leave the brooder when the frame 21 and plate 23 are in their open position and during the warm weather the chicks may be kept within the brooder and fully protected by closing the frame 21, thereby permitting the air to freely circulate through the brooder, while in cooler weather the plate 23 may be closed, thereby excluding the air from the opening 18.

What I claim is:

A device of the character described, comprising a casing having an entrance-opening, opposite brackets arranged laterally of said entrance-opening near the bottom and top corner edges thereof, a closure for said entrance-opening having outstanding upper and lower flanges, additional closures for said entrance-opening adapted to be received between the flanges of the aforesaid closure, said closures having pintles, said brackets having opposite openings therein, said pintles being received at their upper and lower ends within said openings.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ELLA M. SELZER.

Witnesses:

H. E. CURRAN,
FRANK C. SELZER.