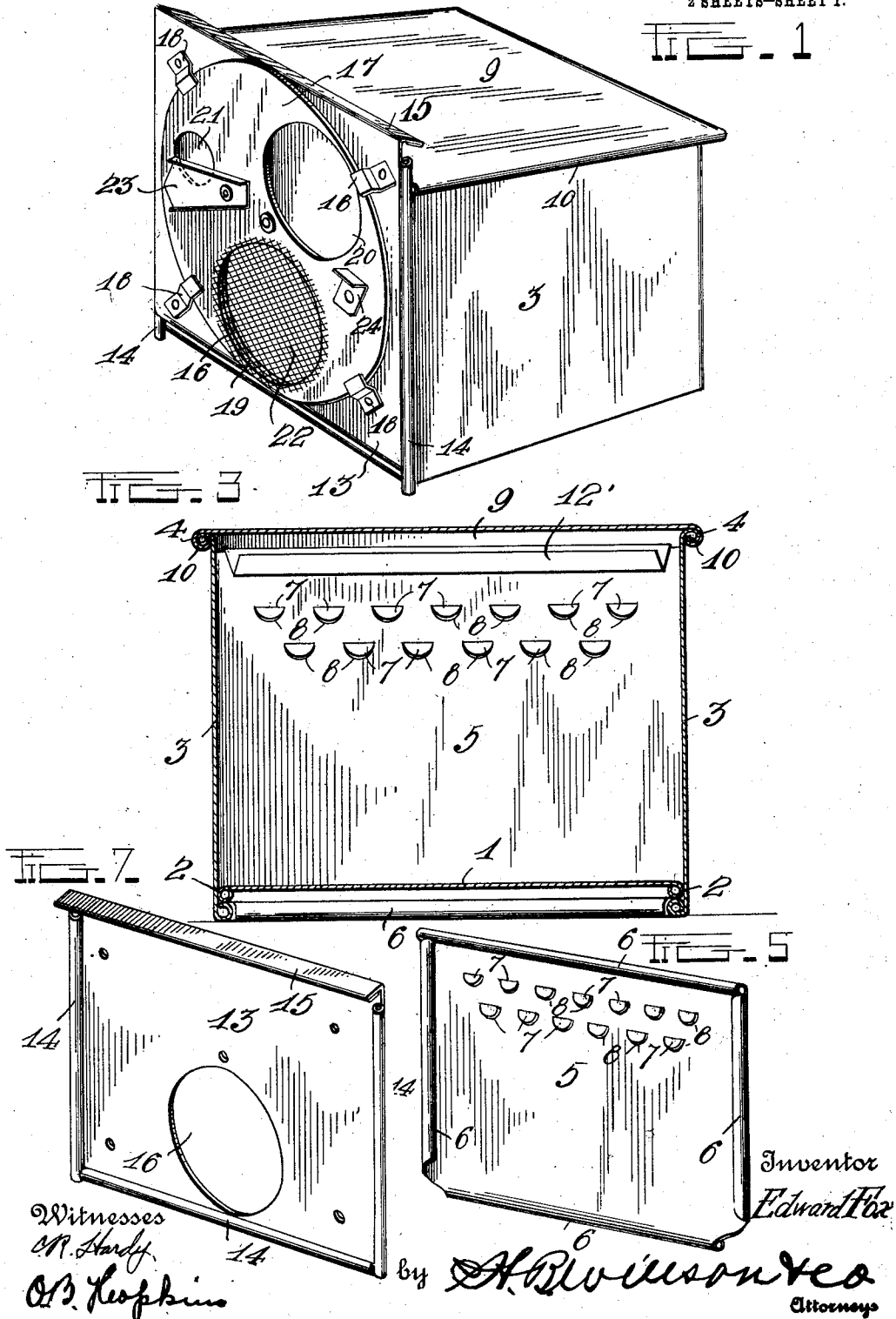


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CHICKEN BROOD COOP.
APPLICATION FILED MAR. 20, 1911.

1,010,358.

Patented Nov. 28, 1911.

2 SHEETS-SHEET 1.



Witnesses
C. R. Hardy
O. S. Hopkins

by

A. B. Wilson & Co.
Attorneys

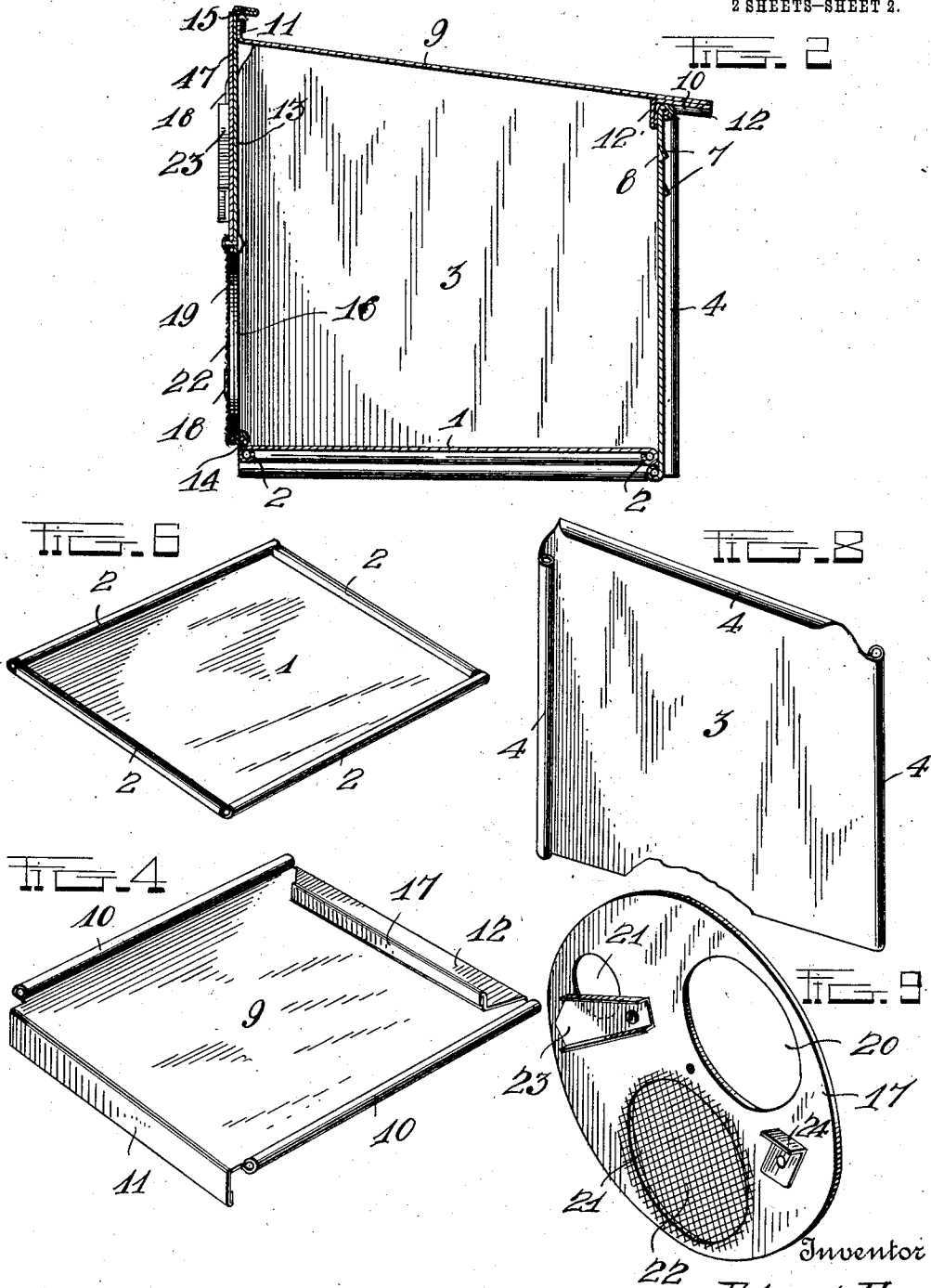
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UNITED STATES PATENT OFFICE.

EDWARD FOX, OF ATLANTA, INDIANA, ASSIGNOR TO ATLANTA TIN PLATE & SHEET MILL, OF ATLANTA, INDIANA.

CHICKEN BROOD-COOP.

1,010,358.

Specification of Letters Patent. Patented Nov. 28, 1911.

Application filed March 20, 1911. Serial No. 615,475.

To all whom it may concern:

Be it known that I, EDWARD FOX, a citizen of the United States, residing at Atlanta, in the county of Hamilton and State of Indiana, have invented certain new and useful Improvements in Chicken Brood-Coops; and I do 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 a chicken brood coop and has for its object the provision of knock-down structure which may be readily assembled in its operative position and when so assembled the parts are rigidly held together.

Another object of the invention is to provide a coop of this class in which the bottom may be readily removed for cleaning without separating any of the other parts.

These objects and such other objects as will incidentally appear are attained in the use of the device illustrated in the accompanying drawings and the invention consists in certain novel features of the same which will be hereinafter first fully described and then more particularly pointed out in the appended claims.

In the accompanying drawings: Figure 1 is a perspective view of a chicken coop embodying these improvements; Fig. 2 is a transverse vertical section thereof; Fig. 3 is a vertical longitudinal section thereof; Fig. 4 is a detail perspective view of the roof of the coop; Fig. 5 is a similar view of the rear wall; Fig. 6 is a similar view of the bottom plate; Fig. 7 is a detail perspective view of the front plate or wall; Fig. 8 is a similar view of one of the side or end walls; Fig. 9 is a similar view of the revolvable front closure.

In the embodiment of the invention illustrated a bottom plate 1 is employed preferably composed of sheet metal and of any desired dimensions, said plate being wider at its front edge and tapering slightly toward its rear edge for a purpose to be described. The edges of this plate are rolled as shown at 2 to form hollow circular beads. The end walls 3 of the coop are likewise constructed of sheet metal and have their opposite edges rolled in opposite directions to form hollow beads 4, the beads at the lower straight edges of said end walls being turned in-

wardly to form supports on which the bottom plate 1 is slidably mounted which permits said bottom plate to be readily removed when desired. The upper edges of these end walls are inclined downwardly from the front toward the rear of the coop so that when the roof or top plate of the coop is in place it will incline downwardly and rearwardly to deflect any water or other matter which may fall thereon. The rear wall 5 of the coop is also constructed of sheet metal and the top and bottom edges thereof are rolled in opposite directions and the side edges rolled outwardly to form hollow beads as 6, the bead at the bottom being rolled inwardly and that at the top outwardly. The beads on the side edges are rolled outwardly and adapted to slidably engage the beads at the rear ends of the side members whereby said end and rear plates are detachably held together. At intermediate points of the height of this rear wall 5 tongues 7 are struck therefrom to project outwardly and form protected ventilating openings 8. The roof or top plate 9 is also constructed of sheet metal and is of such dimensions that when it is in place its rear edge will project beyond the rear wall 5 of the coop and form an eave which will serve to prevent the entrance of rain or snow under the roof. This top plate 9 has its side edges rolled inwardly to provide beads 10 adapted to engage the beads of the upper edges of the end walls 3. The front edge of the top plate is bent upwardly and doubled on itself to provide a flange 11 for engagement by a cooperating flange on the front wall to be described and thereby prevent the entrance of rain or snow at this point. The rear edge of the plate 9 is bent or doubled inwardly on itself as shown at 12 and its free edge is then turned sharply downward as shown at 17 to engage the inner face of the rear wall 5 of the coop and thereby serve to maintain the parts in their proper relative positions and to form a dust proof joint.

The front wall 13 of the coop is constructed of sheet metal and is of proper dimensions to entirely close the front side of the coop. The side and lower edges of this front plate or wall 13 are rolled inwardly to form hollow beads 14, the beads at the side edges thereof being designed to slidably engage the beads on the side edges of the side walls 3 whereby said side walls 3

are firmly clamped in operative engagement with the bottom plate 1 and by means of which the front wall and said side walls are held together. The upper edge of the front wall 13 is bent rearwardly and downwardly and doubled on itself to form a flange or lip 15 which is adapted to hook over the upwardly extending flange 11 on the front edge of the roof when said front wall is in lowered position thereby forming a moisture and dust proof connection between the front and roof plates. This front plate 13 is provided near its lower edge with an opening 16 preferably circular in form and of a size sufficient to permit the entrance therethrough of a hen or other fowl. A circular plate 17 is pivoted centrally to the center of the outer face of the wall 13 and is adapted to be revolved thereon. This plate 17 is held in frictional engagement with the front wall and the edges thereof held against outward movement by means of a plurality of clips as 18, four of which are herein shown, one secured to each corner of the plate 13 and with the free ends thereof offset and overlapping the outer face of the edge of the plate 17. This plate 17 is provided with three circular openings 19, 20 and 21, the openings 19 and 20 being preferably of the same size as the opening 16, one of which is adapted to register with said opening 16 when the plate is turned. The opening 19 is preferably covered with a close mesh wire 22 to provide for the ventilation of the coop and to serve as a closure for the opening 16 when it is desired to confine a hen within the coop or to prevent the entrance of one thereinto. The opening 21 is considerably smaller than the openings 19 and 20, being of a size sufficient to permit a small chick to pass therethrough when said opening 21 is brought into register with the opening 16 by the turning of the plate 17. It will be obvious that when this opening 21 registers with the opening 16 that the hen will be confined within the coop and yet permit the chicks to pass in and out. A suitable closure is provided for this opening 21, being here shown in the form of a pivoted plate 23 which may be swung over said opening 21 when desired to prevent the chicks from leaving the coop. This plate 17 is also preferably provided with an operating handle or lug 24 by the use of which the plate 17 may be readily revolved. It will be obvious from the fore-

going description that the several parts of the coop may be readily detached so that the coop may be shipped in knock down condition or stored away in such condition, and when it is desired to use it the parts may be quickly assembled.

From the foregoing description taken in connection with the accompanying drawings the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various 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 the invention as defined in the appended claims.

I claim as my invention:

1. A knock down chicken coop comprising end and rear walls having rolled beads on their vertical edges for slidable engagement with each other, said end walls having outturned rolled beads on their upper edges, a top member having rolled side edges for slidable engagement with the beads on the upper ends of the end walls, said top member having its rear edge bent inwardly and then downwardly at right angles and folded upon itself to form a reinforced vertical flange for engagement with the inner face of the said rear wall to provide an extension at the rear edge of said top member, the front edge of said top member being bent upwardly at right angles, a bottom member resting on the rolled edges of said end walls, and a front member slidably engaged with said end walls and having a rearwardly and downwardly inclined flange at its upper end for engagement with the upturned flange of said top member, said front member having an opening therein provided with a revoluble closure.

2. A chicken coop including a vertically movable laterally sliding bottom plate and a vertically movable front wall extending over the front edge of said bottom plate and having means for engagement with the end walls of the coop for locking said bottom plate in operative position.

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

EDWARD FOX.

Witnesses:

WILLIAM A. STRICKLER,
EMMA MAGUIRE.