

C. E. KNUDSON.
BROOD COOP AND RUN.
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1,061,850.

Patented May 13, 1913.

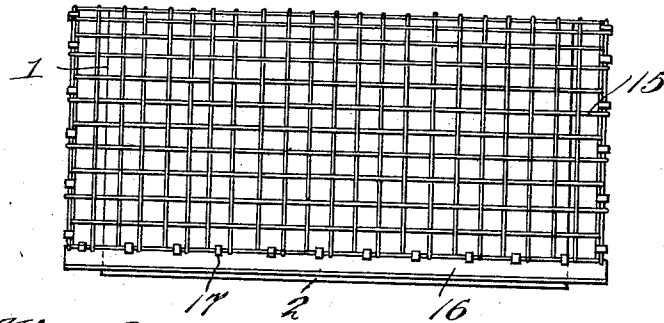
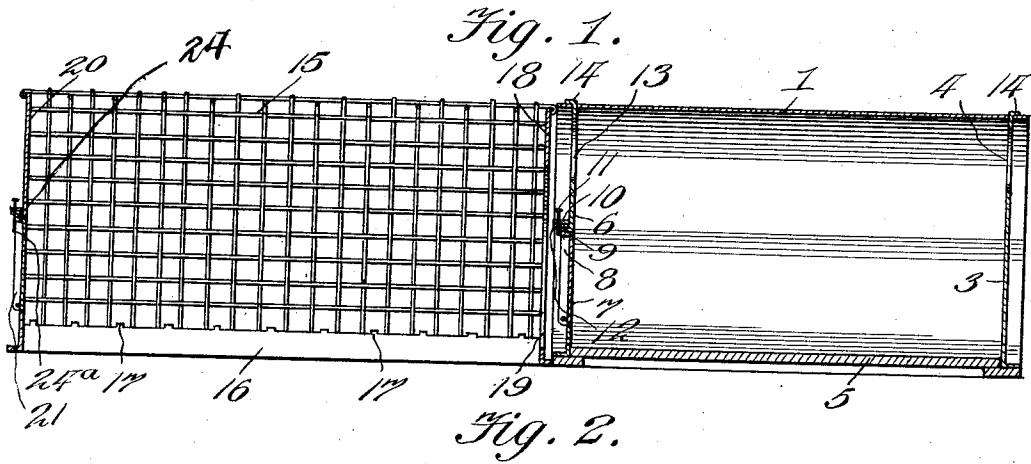
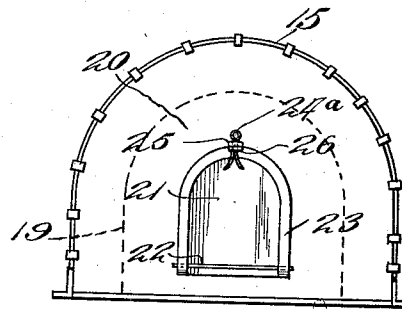
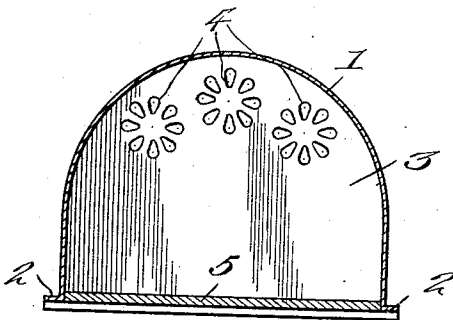


Fig. 3.

Fig. 4.



Witnesses

Frank B. Hoffman.

[Signature]

Inventor

Charles Edwin Knudson

By Victor J. Evans.

Attorney

UNITED STATES PATENT OFFICE.

CHARLES E. KNUDSON, OF EVEREST, KANSAS.

BROOD-COOP AND RUN.

1,061,850.

Specification of Letters Patent.

Patented May 13, 1913.

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To all whom it may concern:

Be it known that I, CHARLES E. KNUDSON, a citizen of the United States, residing at Everest, in the county of Brown and State of Kansas, have invented new and useful Improvements in Brood-Coops and Runs, of which the following is a specification.

This invention relates to combined brooding coops and runs for poultry, and one of the principal objects of the same is to provide a sheet metal coop for a brood of chicks and a wire cloth run which may be placed at one end of the coop to permit the chicks to pass from the coop to the run in good weather and to provide means whereby the run may be placed over the coop to secure ventilation to the chicks in the coop and to prevent rain from entering the coop.

Another object of the invention is to provide a sheet metal coop having a door at one end which may be fastened in closed position and which may be opened into a wire cloth run to permit the chicks to pass from the coop to the run, said coop being provided with ventilating openings in the ends thereof and the run being made of a size to cover the coop and protect the chicks, to keep rain out, and thus keep the coop and run in small space. The door on the coop is closed to keep the chicks in.

Still another object of the invention is to provide a strong, durable and efficient brooding coop and run which will occupy but little space, which can be manufactured at slight cost and which will be strong and durable.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which:—

Figure 1 is a longitudinal section of the coop and run arranged in position to permit the chicks to enter the run from the coop. Fig. 2 is a side elevation of the run placed upon the coop to prevent the chicks from coming out. Fig. 3 is a central vertical section of the coop. Fig. 4 is an end view of the run.

Referring to the drawing for a more particular description of my invention, the numeral 1 designates the body of the coop made of a single piece of sheet metal of concavo-convex form consisting of a curved top and integrally formed laterally extending base flanges 2. Secured to the body portion 1 of the coop is an end member 3 provided with ventilating openings 4 near the upper

end thereof. A suitable floor or bottom 5 may be provided and connected in any suitable manner to the body portion 1 of the coop. The end 6 of the coop is provided with a door 7, said door having a surrounding flange or bead 8 while the end 6 is provided with an outwardly projecting flange 9 which fits within the groove of the bead 8 to form a tight joint or connection between the door and the end 6. A lug 10 secured to the end 6 is provided with a perforation through which a pin 11 passes, said pin extending through the lug 10 and through a similar lug 12 on the door 7. A ventilating opening 13 is also formed in the end 6. The ends 3 and 6 are secured to the body portion 1 of the coop by means of suitable lugs 14 which pass through slots or openings in the body portion 1 and are bent down as shown more particularly in Fig. 1.

The run or exercising pen is made up of wire cloth of suitable mesh, said wire cloth being bent to form a curved top similar in shape to the top of the coop but of slightly larger dimensions. The wire cloth body portion 15 has side strips 16 secured thereto by means of suitable lugs 17 bent over the lower strands of wire. One of the ends 18 of the run is provided with an enlarged opening 19, while the opposite end 20 is provided with a suitable door 21 pivoted at 22 and provided with a hollow bead 23 designed to fit over a flange 24 surrounding the door opening in the end 20. The door 21 is held closed by means of a spring cotter 24^a passing through a lug 25 on the end 20 and through a lug 26 on the door 21. The run or exercising pen is somewhat larger than the coop and is not provided with a bottom, said run adapted to be placed over the coop when said run is not required for use.

The operation of my invention may be briefly described as follows:—When the exercising chamber or run is placed at the end of the coop as shown in Fig. 1, the hen and chicks may pass out of the coop into the run through the door 7, which opens downward and forms an inclined walk to aid the little chicks in entering the coop. In case of rain or inclement weather or when it is desired to keep the chicks out of danger of animals, the run is lifted and placed over the coop, as shown in Fig. 2. In this condition air will enter the coop through the openings 4 and 13 at the same time prevent the chicks from getting out or animals from getting in.

From the foregoing it will be obvious that a device made in accordance with my invention is strong, durable and efficient, is made entirely of metal without solder, that the device is of simple construction, can be manufactured at slight cost, and will serve to thoroughly protect a brood of chickens from the ravages of animals and from the dangers of inclement weather.

10 Having thus described the invention, what is claimed as new, is:—

In combination, a coop comprising a sheet metal body of concavo-convexed form having integrally formed outwardly extending
15 longitudinally disposed base flanges, end members secured to the body and having ventilating openings, a foraminous run-way of the same configuration as the coop having a body fully opened on its under side, a
20 member fully closing one end of the run-way, another member partially closing the

other end of the run-way, said run-way being greater in longitudinal and transverse extent and adapted to be placed entirely over the coop to position the end members of the run-way over and in advance of said ventilating openings to prevent animals entering the coop, and side strips secured to and underneath the opposite longitudinal edges of the run-way and extending the entire length thereof and adapted to rest upon the said base flanges when the run-way is placed over the coop, the end members being spaced from the ventilating openings to permit the free circulation of air through the coop.

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

CHARLES E. KNUDSON.

Witnesses:

SVEND PETERSEN,
ESTELLA BLACK.

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