Feb. 18, 1930. R. A. GORSUCH 1,747,472

KNOCKDOWN INCLOSURE FOR CHICKS

Filed May 23, 1929 2 Sheets-Sheet 1

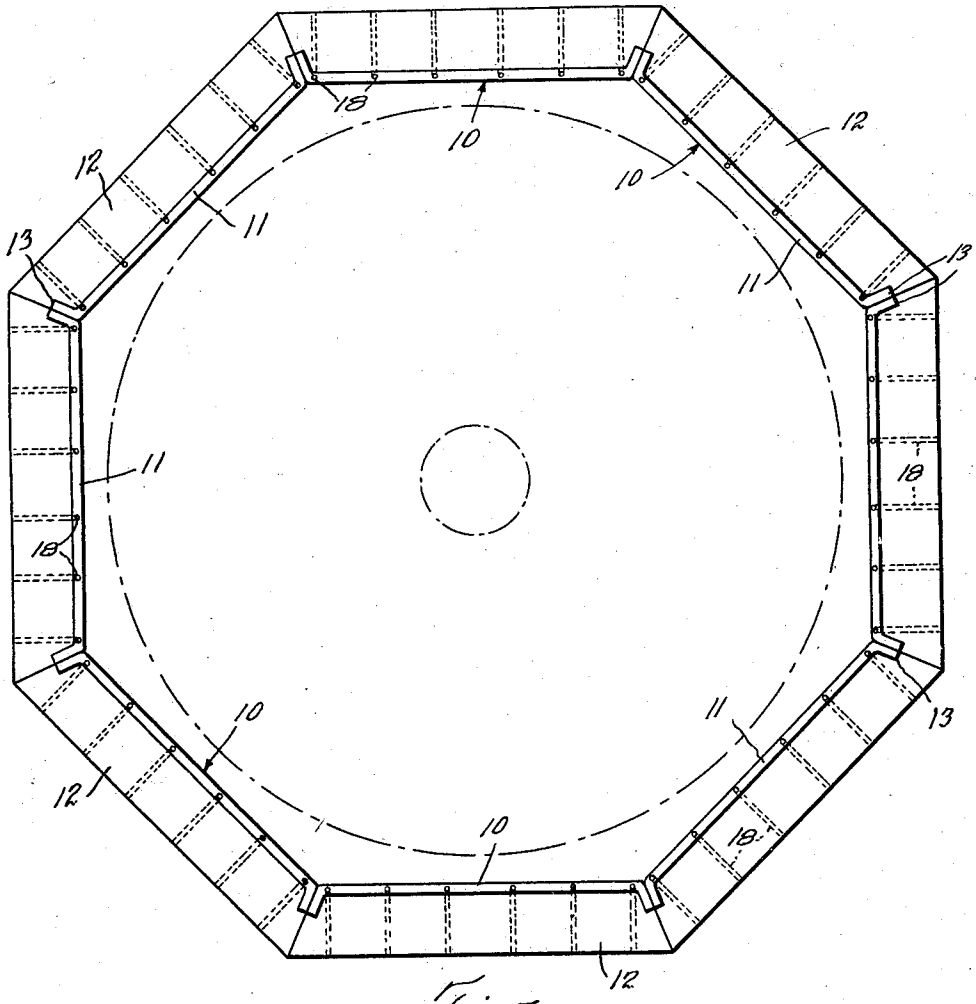


Fig. 1

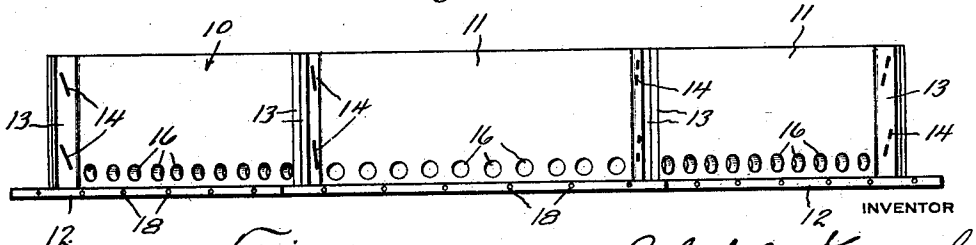


Fig. 2

INVENTOR

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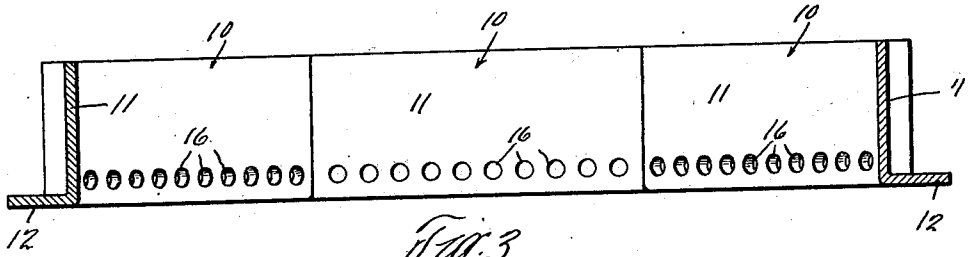


Fig. 3

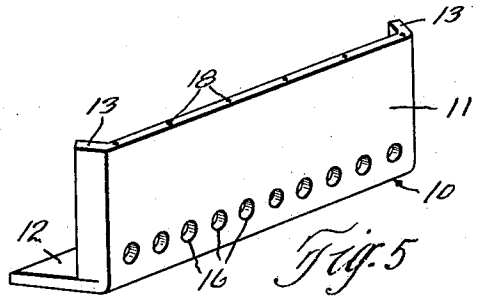


Fig. 5

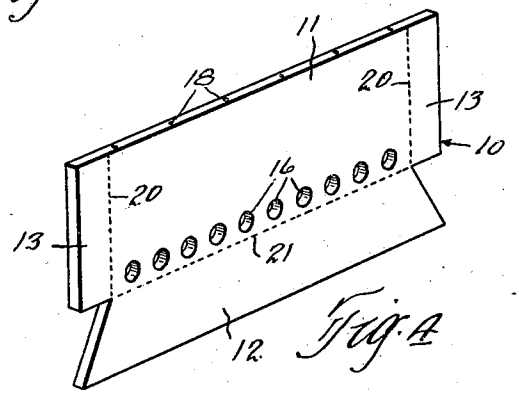


Fig. 4

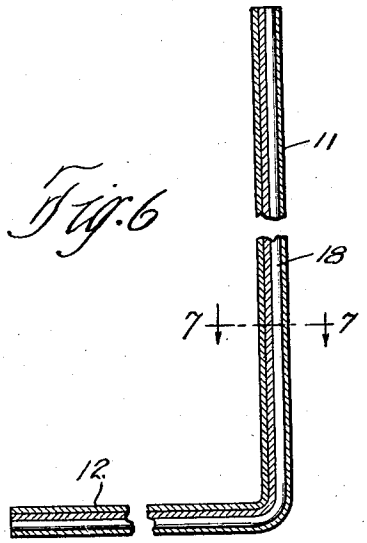


Fig. 6

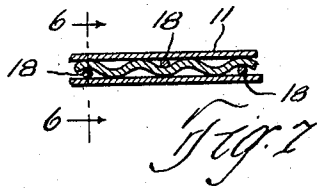


Fig. 7

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Patented Feb. 18, 1930 1,747,472

UNITED STATES PATENT OFFICE

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KNOCKDOWN INCLOSURE FOR CHICKS

Application filed May 23, 1929. Serial No. 365,286.

This invention relates to a knockdown inclosure for baby chicks, and has for its object to provide a retaining wall which may be placed about a brooder stove at a short distance from the edges of the canopy to prevent the chicks straying away too far from the heat.

A further object is to provide an inclosure which has its base portion so formed as to serve as a feeding floor for the chicks.

A further object is to provide an inclosure which is inexpensive to manufacture and so constructed to provide advertising space for the merchant who may give the same to the poultry raisers with purchases of various supplies, the inclosures being knocked down when shipped and readily assembled by the users.

A still further object is to provide reinforcing means for the corrugated paper board from which the inclosures may be constructed to give rigidity to the board where it is bent to provide a base for the same.

In the drawings forming a part of this specification, Fig. 1 is a top plan view of the inclosure assembled about a brooder stove; Fig. 2 is a side elevation of the same; Fig. 3 is a vertical section through the assembled inclosure; Fig. 4 is a perspective view of one of the sections as it appears when stamped or cut out prior to shaping; Fig. 5 is a perspective view of the section shown in Fig. 4 when bent into the form it is made to assume when in use; Fig. 6 is a detail vertical sectional view through the wall showing the position of the reinforcing wire, and Fig. 7 is a transverse fragmentary section on the line 7—7 of Fig. 6.

In cold weather it is found that the chicks often stray too far from the brooder stove and become chilled. It has been the practice to surround the canopy with wire net which reaches to the floor to keep the chicks near the hover or canopy.

As a substitute for such wire retainers, I have constructed an inclosure of cardboard or corrugated paper board which is cheap to manufacture and which may serve as a display wall for advertising as well as providing a feed floor where the feed may be kept within reach of the chicks and remain clean until consumed.

The inclosure constructed according to my invention includes a plurality of sections 10 made from card board or preferably corrugated paper board. Each section 10 includes on upright wall portion 11, a base portion 12 bent at right angles from the bottom of the upright portion, and end attaching portions 13 bent laterally from the wall portion. The attaching portions 13 of adjacent sections abut and are secured together by wire staples 14 when the device is assembled for use about the canopy 15 of a brooder stove or for any other use desired.

In assembling the device, the base portion 12 of each section extends about the outside of the inclosure and serves as a feed floor on which feed for the chicks may be placed.

Near the lower edge the wall portion 11 of each section is provided with apertures 16 through which the chicks may stick their heads to reach food placed on the base portion 12 of the section.

While in the drawings Fig. 1 illustrates an inclosure composed of eight sections, it is of course obvious that any number greater than two might be used, depending entirely on the size of the inclosure desired.

When constructed of corrugated paper board, it has been found that by inserting small wires 18 in the corrugations, spaced apart every three or four inches the rigidity of the wall is materially increased. When the base portion 12 is bent outward with the wires, it retains its position and forms a firm base for the wall. In practice it has been found that a base of four inches provides an excellent feed floor and steady foundation for the wall.

When the sections are shipped to the merchants or poultrymen they are merely stamped the desired shape and scored for bending along the lines 20 and 21 as shown in Fig. 4. It is then only necessary for the user to bend the base and end portions outward along the scoring and staple the adjacent ends of the sections together.

Any suitable advertising matter may be printed on the outside of the wall portion de-

scribing the products of the merchant from whom the inclosure units or sections are obtained.

An inclosure constructed as above described provides an economical form of advertising medium for the merchants and a useful and valuable article for the poultrymen since it is neat and serves effectively to keep the chicks about the brooder stove or in small groups if it is desired to use the inclosure by itself merely as a pen, and at the same time provides a place for the feed readily accessible to the chicks on which the feed remains clean until consumed.

When the sections are once assembled the inclosure when not in use may be folded flat without unstapling the ends by merely folding the opposite sides together and bending the base portions into the plane of the wall.

Having thus described my invention, what I claim is:

1. A knockdown inclosure for chicks comprising sections secured together at their ends, each section including a vertical wall portion, and a horizontal base portion, the horizontal base portion of each section being disposed outside the inclosure and serving as a feeding floor, and said wall portion having openings near its lower edge affording the chick access to food when placed on said floor.

2. A knockdown inclosure for chicks comprising sections, each section being formed of paper board and including a vertical wall portion, and a horizontal base portion, the horizontal base portion of each section being disposed outside the inclosure and serving as a feeding floor, and said wall portion having openings near its lower edge affording the chick access to food when placed on said floor.

3. A knockdown inclosure for chicks comprising sections secured together at their ends, each section being formed of corrugated paper board and including a vertical wall portion and a horizontal base portion comprising a continuation of the wall portion bent laterally therefrom, the horizontal base portion of each section being disposed outside the inclosure and serving as a feeding floor, and said wall portion having openings near its lower edge affording the chick access to food when placed on said floor.

4. A knockdown inclosure for chicks comprising sections secured together at their ends, each section being formed of corrugated paper board and including a vertical wall portion and a horizontal base portion comprising a continuation of the wall portion bent laterally therefrom, the horizontal base portion of each section being disposed outside the inclosure and serving as a feeding floor, and said wall portion having openings near its lower edge affording the chick access to food when placed on said floor, the corrugations of said paper board extending in a direction from bottom to top of said wall portion, and reinforcing wires extending through said corrugations parallel therewith.

5. As an article of manufacture, a flat cardboard member scored longitudinally on a line intermediate its width whereby the same may be bent to provide a wall section and a base section, said wall sections having spaced apertures adjacent the base portion, and end portions on said wall portion by which similar members may be secured together, the cardboard being scored at the junction of the end portions with said wall portion to permit the end portions to be bent laterally therefrom.

6. An an article of manufacture, a flat corrugated paper board member scored longitudinally on a line intermediate its width whereby the same may be bent to provide a wall section and a base section, said wall sections having spaced apertures adjacent the base portion, and end portions on said wall portion by which similar members may be secured together, the cardboard being scored at the junction of the end portions with said wall portion to permit the end portions to be bent laterally therefrom, the corrugations of said board member extending perpendicular to the longitudinal scoring, and reinforcing wires in some of said corrugations, whereby when said base portion and wall portion are bent at right angles to each other they will tend to retain such position.

In testimony whereof, I hereunto affix my signature.

ROBERT A. GORSUCH.