

March 9, 1926.

E. A. KAMERER
FOLDING CHICKEN COOP
Filed March 25, 1924

1,576,330

Fig. 1.

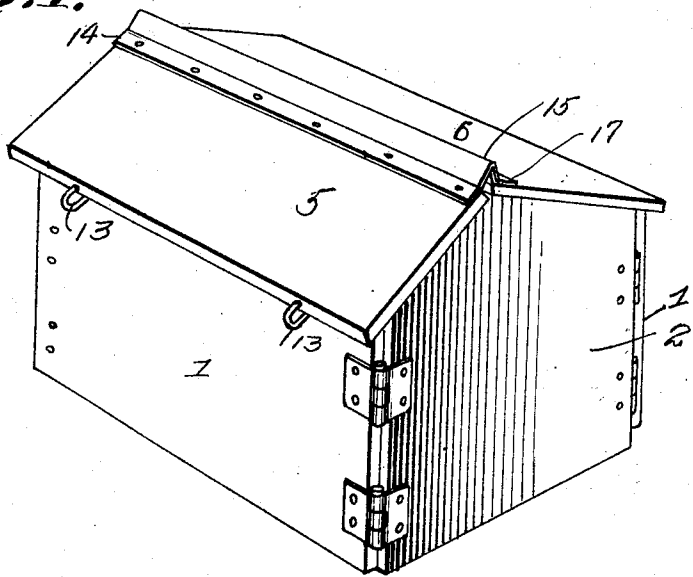


Fig. 2.

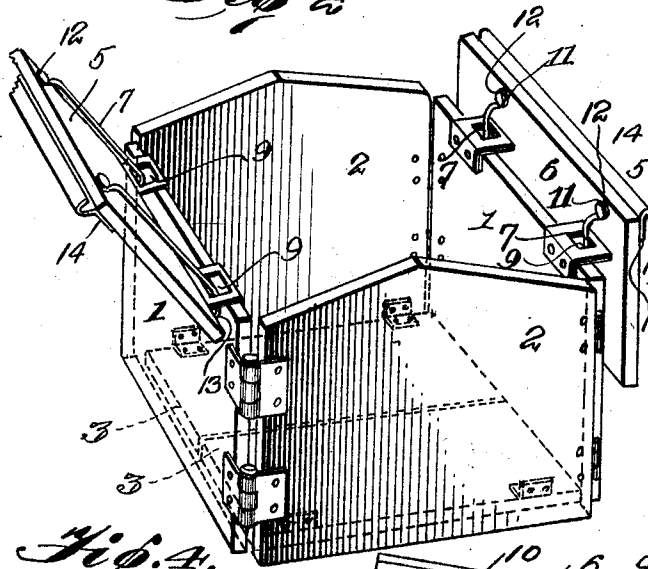


Fig. 3.

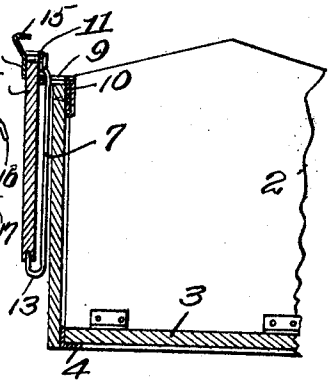
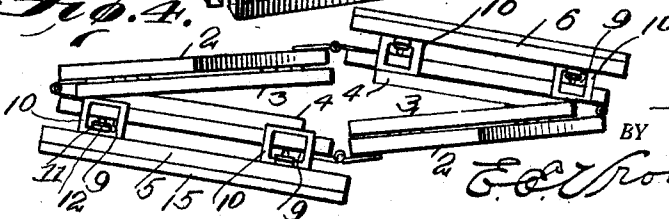


Fig. 4.



INVENTOR.

E. A. Kamerer

BY

E. C. Proctor
ATTORNEYS.

UNITED STATES PATENT OFFICE.

EMANUEL A. KAMERER, OF CEDAR, IOWA.

FOLDING CHICKEN COOP.

Application filed March 25, 1924. Serial No. 701,798.

To all whom it may concern:

Be it known that I, EMANUEL A. KAMERER, a citizen of the United States, residing at Cedar, in the county of Mahaska and State of Iowa, have invented certain new and useful Improvements in Folding Chicken Coops, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to a folding chicken coop and more particularly to the top structure thereof.

The object of the invention is the construction of a simple and efficient top for a container, preferably for a chicken coop, or the like.

With this and other objects in view, my invention comprises certain novel combinations, constructions and arrangements of parts as will be hereinafter described, illustrated in the accompanying drawings, and more particularly pointed out in the appended claims.

In the drawings:

Figure 1 is a perspective view of a container or chicken coop constructed in accordance with the present invention.

Figure 2 is a perspective view of the device, showing the sections, constituting the top in an open position.

Figure 3 is a fragmentary, sectional view of the device constructed in accordance with the present invention.

Figure 4 is a view in elevation, showing the device in a folded condition.

Referring to the drawings by numerals, 1 designates the side sections and 2 are the end sections. The side and end sections are hingedly connected together so that they may be folded as shown in Fig. 4.

Hinged bottom sections 3 are attached to the end sections 2 (Figs. 2 and 3). The hinged bottom sections rest upon angle brackets 4 that are fastened to the inner faces of the sides 1 (Figs. 3 and 4).

The top structure comprises preferably two top sections 5 and 6. Attached to each top section is preferably a pair of guide rods 7. Each guide rod 7 is passed through a large aperture 9 formed in angle bracket 10, and formed upon the upper end of the rod 7 is an eye 11 through which extends a suitable fastening means such as a nail 12 for holding the upper end of the rod fastened to the inner face of the top section. The lower end of the rod 7 is formed into a hook

13, which hooked end is partly imbedded or countersunk in the lower or outer edge of the top section, as clearly shown in Fig. 3. This peculiar construction of the guide rod makes it easy to securely fasten the same to the top section.

Fastened to the top section 5, near its upper edge, is a primary plate 14; this plate 14 extends along the entire upper edge of the section and has an overhanging, inverted, V-shaped portion 15, which V-shaped portion 15 straddles the outer angled end 16 of the auxiliary plate 17, when the sections are placed together, in a closed position, keeping rain or snow from entering the container or coop or crate. The interlocking feature of the primary and auxiliary plates 14 and 17, respectively, also serves to fasten the top sections in their closed position upon the sides and end sections.

When it is desired to place the top sections out of the way, or in an open position, all that the operator has to do is to lift upwardly on the upper portions of the sections, to separate the primary and auxiliary plates, then move the sections to the substantially vertical position, whereupon they will slide downward, resting against the sides, as shown in Figs. 3 and 4; the top sections can be very quickly and easily moved to their closed position as shown in Fig. 1.

While I have described the preferred embodiment of my invention, and have illustrated the same in the accompanying drawings, certain minor changes or alterations may appear to one skilled in the art to which this invention relates, during the extensive manufacture of the same and I, therefore, reserve the right to make such alterations or changes as shall fairly fall within the scope of the appended claims.

What I claim is:

1. In a device of the character described, a body open at its top and provided with opposed side and end walls, brackets carried by said side walls and having flanges extending outwardly from the side walls adjacent their upper edges and provided with openings, cover sections adapted to rest upon the upper edges of said side and end walls when closed, and rods extending transversely across the inner faces of said cover sections in spaced relation thereto and slidably passed through the opening in said bracket flanges, said rods each having one end extending beyond the outer side edge of

- its cooperating cover section and bent back upon itself and penetrating the outer side edge of the cover section and its other end portion secured against the inner face of the cover section adjacent its inner side edge, said rods mounting the cover sections for movement from a closed position to an open position against the outer faces of said side walls.
2. In a device of the class described, the combination of a body, brackets fastened to said body, top sections on said body, guide rods extending through said brackets and provided with hooked ends and with eye-ends, said hooked ends imbedded partly in said top sections, and holding means extending through said eye-ends and holding the rods on the top sections.
3. In a device of the character described, a body having hingedly connected side and end walls, bottom sections hinged to the inner faces of said end walls and adapted to be swung upwardly to a folded position against the inner faces of said end walls, means for supporting said bottom sections in a horizontal position between the walls when swung downwardly to an operative position, cover sections adapted to rest upon the upper edges of said side and end walls when closed, brackets carried by said side walls and having portions extending outwardly therefrom and provided with openings, and rods carried by said cover sections and extending transversely across the inner faces thereof and through the openings, in said brackets to slidably and pivotally mount the cover sections for movement from a closed position upon the upper edges of the walls to an open position against the outer faces of the side walls.
4. In a device of the class described, the combination of a body, top sections on said body, guide rods engaging said top sections, each guide rod provided at one end with a hook and at its opposite end with an eye, the hook imbedded partly in one edge of a top section, fastening means extending through the eye and securing the same to a top section, and means slidably holding the rods on the body.
- In testimony whereof I hereunto affix my signature.
- EMANUEL A. KAMERER.