

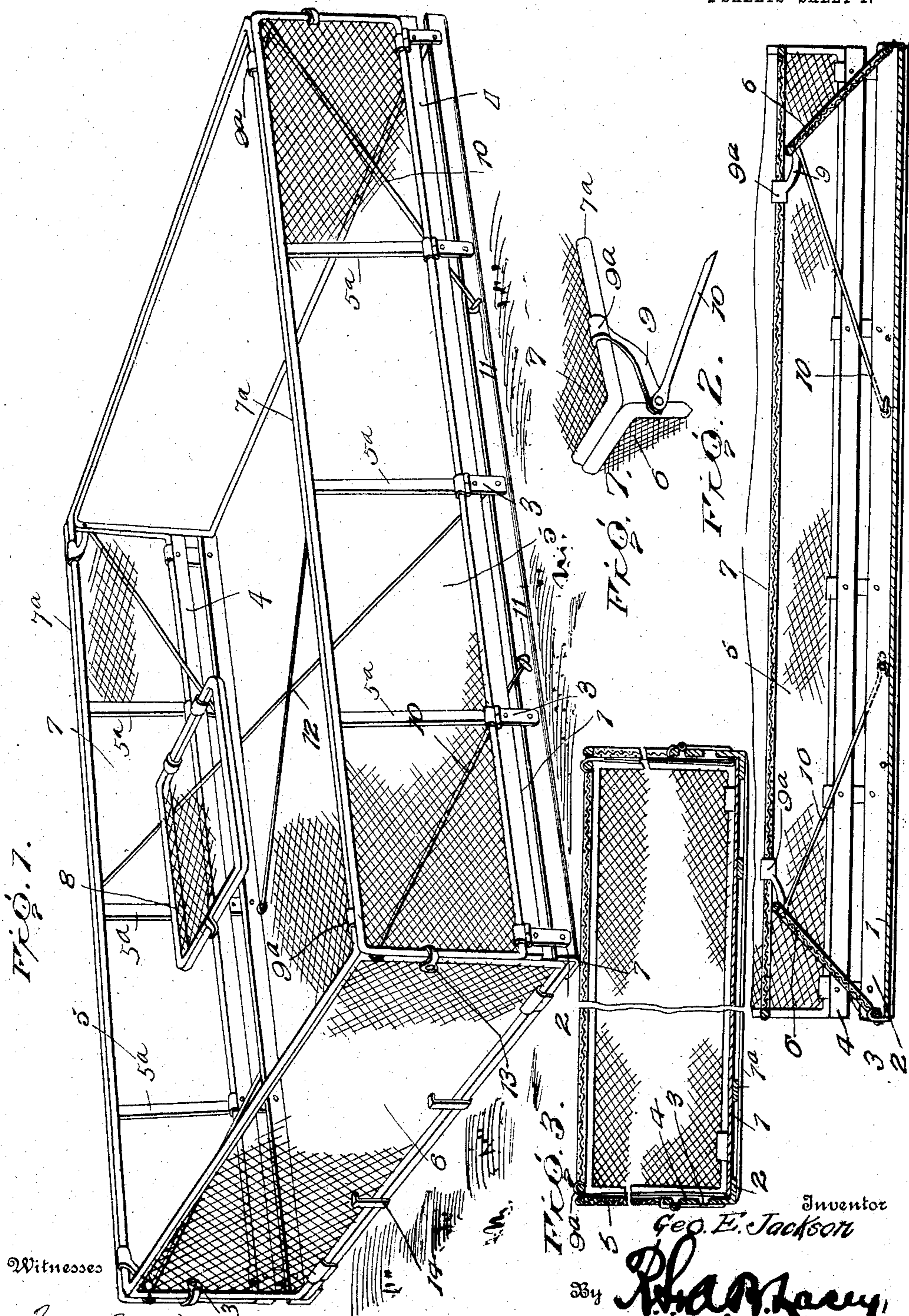
No. 883,405.

PATENTED MAR. 31, 1908.

G. E. JACKSON.
FOLDING COOP.

APPLICATION FILED MAR. 23, 1907.

2 SHEETS—SHEET 1.



Witnesses

Wm. H. Woodson

Inventor
Geo. E. Jackson

By *Ph. M. May*

Attorneys

No. 883,405.

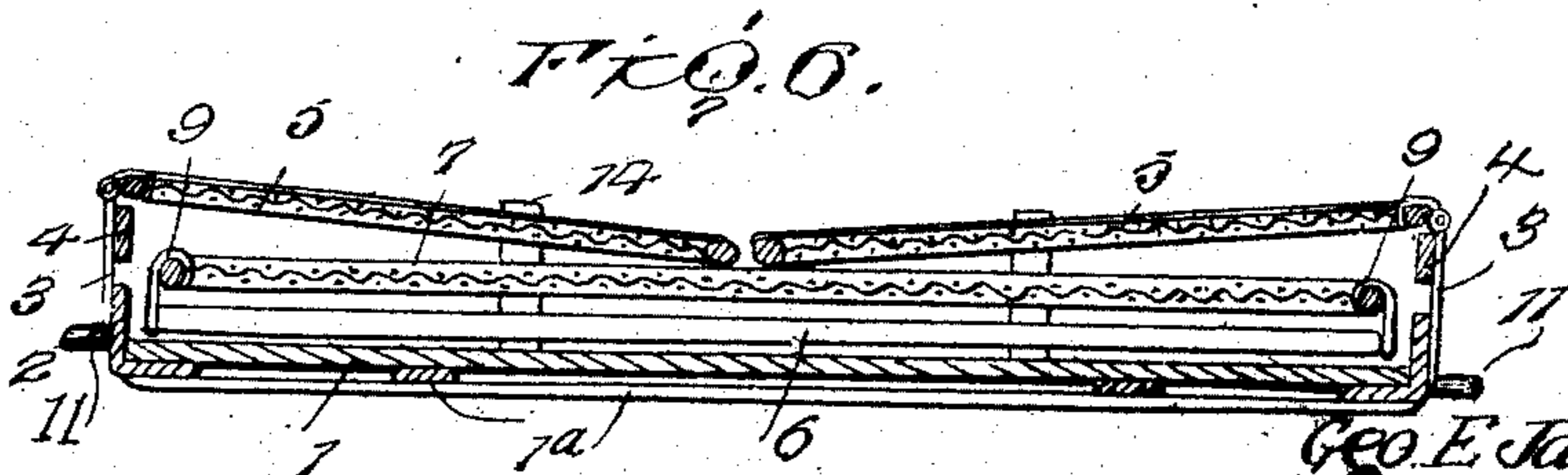
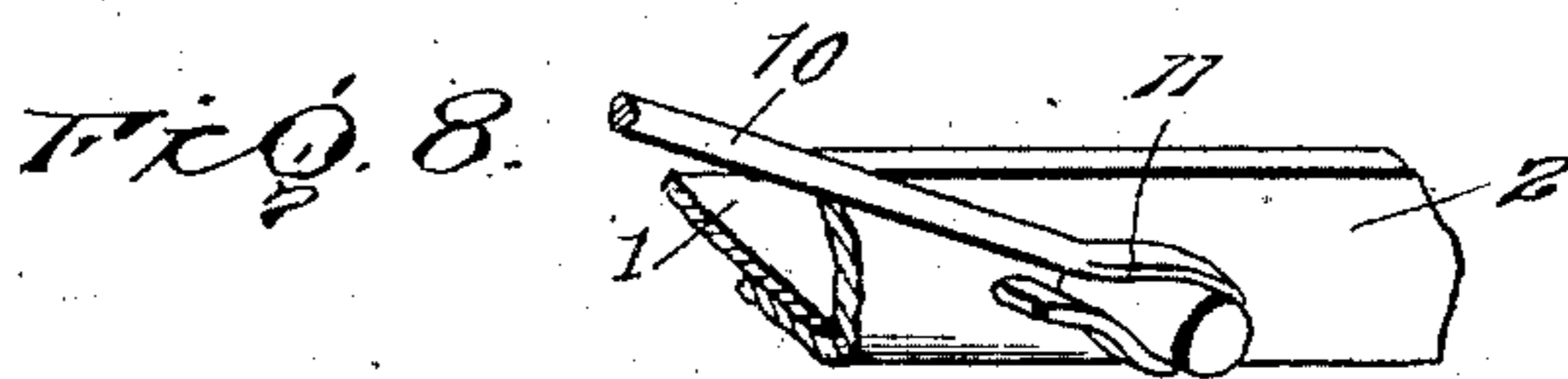
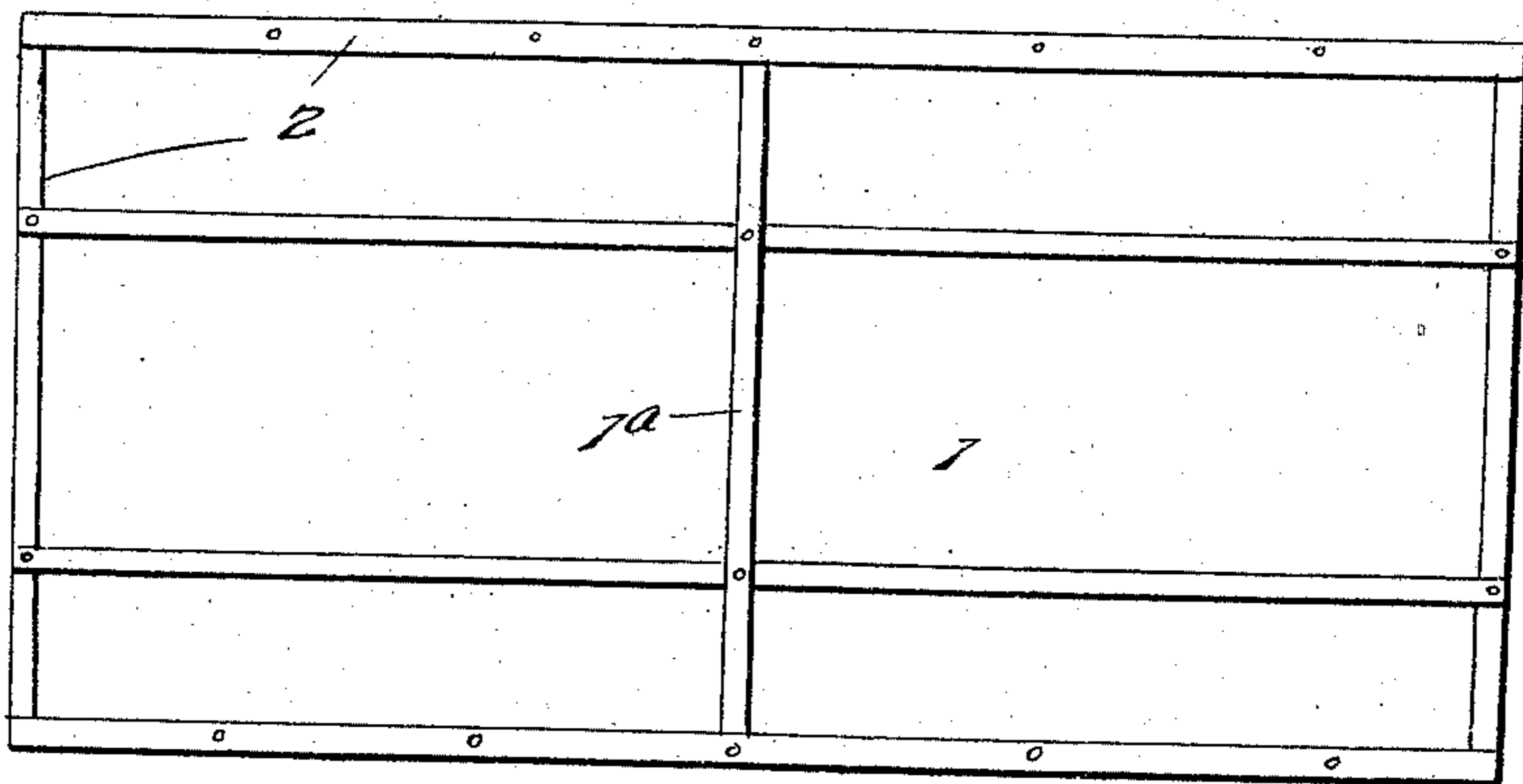
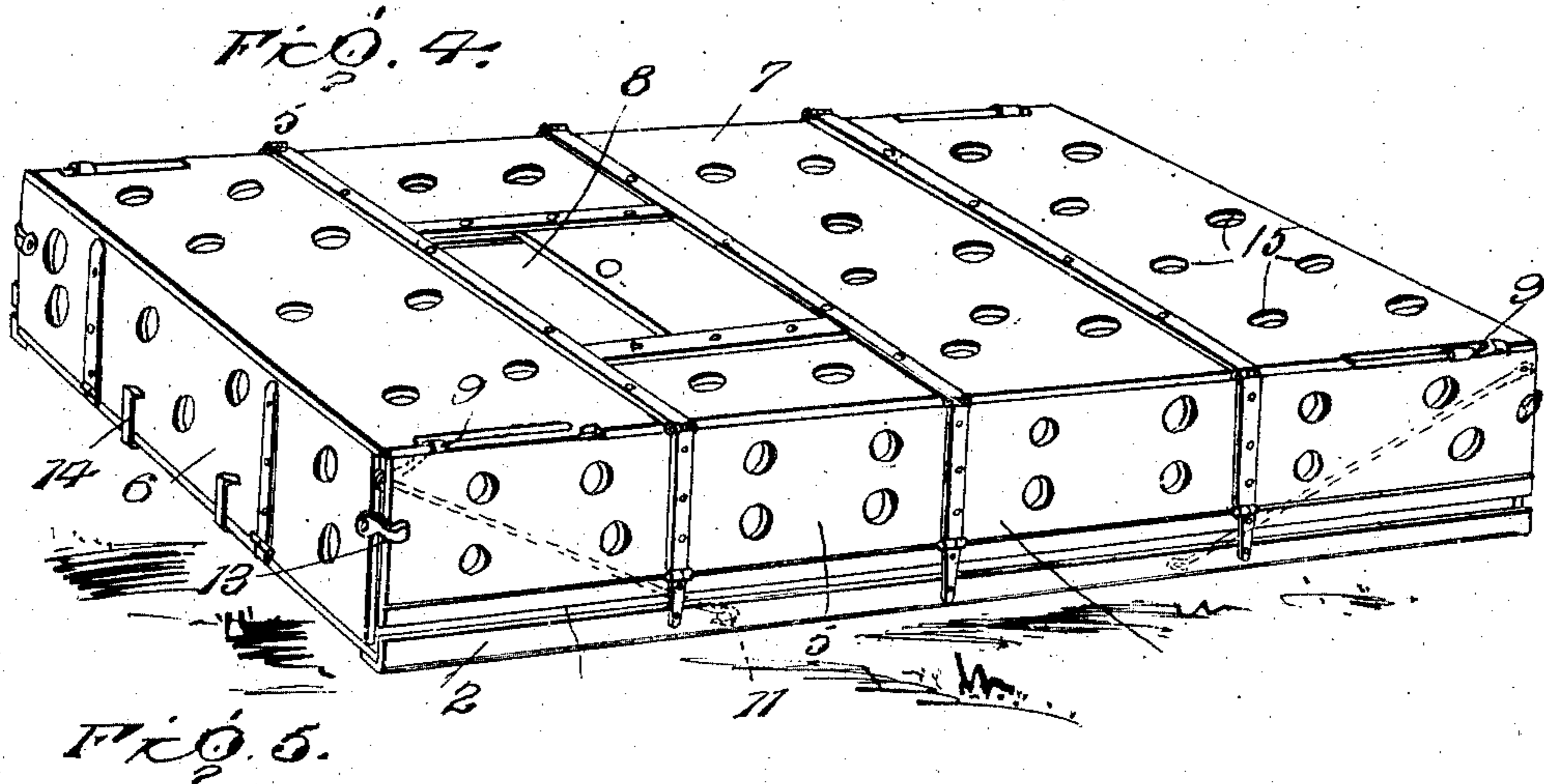
PATENTED MAR. 31, 1908.

G. E. JACKSON.

FOLDING COOP.

APPLICATION FILED MAR. 23, 1907.

2 SHEETS—SHEET 2.



Witnesses

M. J. M. H. H. H.
H. H. H. H. H.

Inventor
Geo. E. Jackson
By *R. H. H. H. H.*
Attorneys

UNITED STATES PATENT OFFICE.

GEORGE E. JACKSON, OF NEWARK, ILLINOIS.

FOLDING COOP.

No. 883,405.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed March 23, 1907. Serial No. 364,074.

To all whom it may concern:

Be it known that I, GEORGE E. JACKSON, a citizen of the United States, residing at Newark, in the county of Kendall and State of Illinois, have invented certain new and useful Improvements in Folding Coops, of which the following is a specification.

This invention has for its object a simple, durable and efficient construction of coop or shipping crate for poultry, which will combine the characteristics of lightness and strength and which may be readily folded down to occupy a minimum amount of space, so that after a shipment has been made, the coop may be sent back to the shipper at a low freight rate.

The invention consists in certain constructions, arrangements and combinations of parts which will be fully described herein-after, and particularly pointed out in the appended claims.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of one form or embodiment of my invention; Fig. 2 is a longitudinal sectional view thereof in partly folded condition; Fig. 3 is a transverse sectional view in the set-up condition; Fig. 4 is a perspective view of a modified form of coop; Fig. 5 is a bottom plan view; Fig. 6 is a transverse sectional view with parts folded; Fig. 7 is a detail perspective view of one corner of the coop; and, Fig. 8 is a detail perspective view of one of the end braces.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The bottom 1 of my improved coop may be constructed of galvanized or other sheet iron or like metal reinforced by intersecting steel straps 1^a and edge straps 2, the latter being preferably angular in cross section, as shown.

3 designates a series of comparatively short vertically extending straps spaced from each other and secured by rivets or the like at their lower ends to the vertical members of the angle iron strips 2 and also secured at their upper ends to the horizontally extending straps 4. To the straps 3, the two sides 5 are hinged to fold inwardly upon the

bottom and said sides are preferably composed of wire frames including marginal binding rods. The two ends 6 of the coop are hinged to the end edges of the bottom in a lower plane than the sides, so that the latter may be folded down upon the former.

7 designates the top, which, like the sides and ends, may consist of a wire frame suitably reinforced at its margins and provided with any form of closure 8 which may be opened so as to provide means for placing the poultry within the coop.

To the corner post of each end 6 a slide arm 9 is rigidly secured, and to the base of each arm there is pivotally connected a diagonal brace rod 10 which is adapted for detachable engagement with a stud 11 secured to the side edges of the bottom 1, so that the ends may be held securely in a vertical position. Each of these slide arms 9 is provided with an angularly disposed extremity 9^a slidably engaging the side rod 7^a of the top 7, said arms being thereby arranged to hold the top in an elevated position, and permitting the top to drop down upon the ends after the braces 10 of the latter have been unfastened and the said ends have been folded down upon the bottom. I also provide diagonal cross braces 12 secured at one end to one of the reinforcing straps 5^a of one side and adapted for detachable engagement with a stud or the like at the opposite side of the coop.

13 designates spring latches that are secured to the corner posts of the ends and are adapted to spring back of the sides 5 when the latter are swung to a vertical position, so as to lock the said sides to the ends.

From the foregoing description in connection with the accompanying drawing, the manner in which the coop is rigidly held in condition to receive its contents is at once apparent. Whenever it is desired to fold the coop, the end brace rods 10 are disengaged from their studs 11 and the ends are swung inwardly down upon the bottom, the same operation resulting in carrying the top 7 down upon the folded ends through the instrumentality of the sliding engagement between the arms 9 and the side sills or rods 7^a of the top. The sides 5 are then folded down upon the top and are engaged by means of spring latches 14 projecting upwardly from the bottom at the ends of the latter, as clearly illustrated in the drawings.

As illustrated in Fig. 4, I desire it to be

understood that it is within the purview of my invention to construct the sides, ends and top of the coop of sheet metal, suitable holes 15 being punched therein, to provide the proper ventilation for the poultry.

From the foregoing description in connection with the accompanying drawing, it will be seen that I have provided a very simple construction of coop in which the parts are 10 at all times securely connected together, and which may be folded into a comparatively small space and that my improved coop will be rigid when set-up, and durable and capable of withstanding the hard usage to which 15 devices of this character are put, whether in a set-up or folded condition.

It is to be particularly noted that the brace rods 10 lie within the sides 5, so that the latter will hold the brace rods on their studs, 20 when the coop is in its set-up condition.

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

1. A coop, comprising a bottom, hinged sides and ends, a top, arms slidably connecting the ends and top, and brace rods adapted 25 to hold said ends in vertical position, said brace rods being carried by said arms.

2. A coop, comprising a bottom, hinged sides and ends, arms connected to the ends 30 at the corners thereof and provided with angularly disposed extremities having a slid-

ing connection with the top, brace rods carried by said arms and arranged for detachable engagement with the bottom.

3. A coop, comprising a bottom, sides and 35 ends hinged to the bottom and adapted to fold inwardly thereon, arms connected to the ends, a top with which said arms have a sliding engagement, and brace rods carried by said arms, the bottom being formed at its 40 side edges with studs on the outside of the coop and over which the ends of said brace rods are adapted to be placed, said sides extending upwardly on the outer sides of said rods whereby to hold them on said studs. 45

4. A coop, consisting of a bottom, sides and ends hinged to the bottom and adapted to fold down upon the same, spring latches adapted to lock the sides and ends together 50 in vertical position, arms secured to the corners of the ends, a top with which said arms have a sliding connection, the top being adapted to lower upon the ends when the latter are folded inwardly, and brace rods connecting the corners of the ends with the bottom and 55 adapted to hold said ends in vertical position.

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

GEORGE E. JACKSON.

Witnesses:

G. A. MILLER,

ERNEST S. GOODELL.