

July 5, 1938.

C. SUMMERS

2,122,731

POULTRY HOLDER

Filed Sept. 22, 1936

Fig. 1.

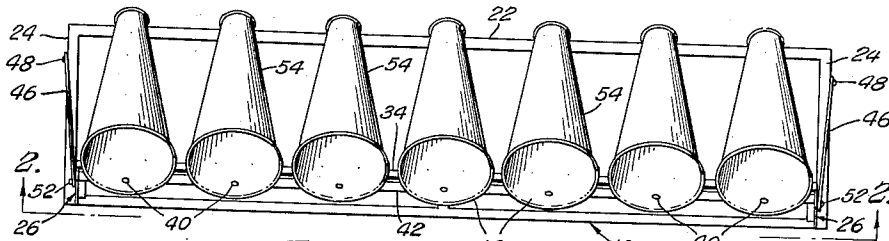


Fig. 2.

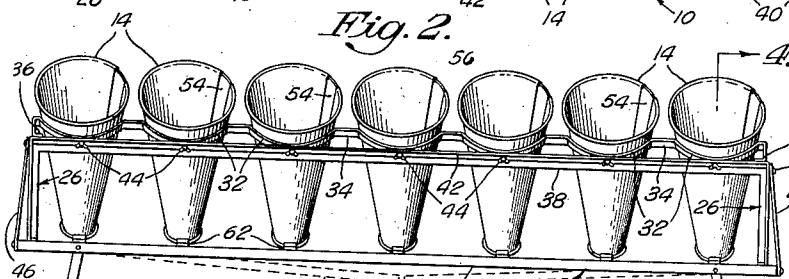


Fig. 3.

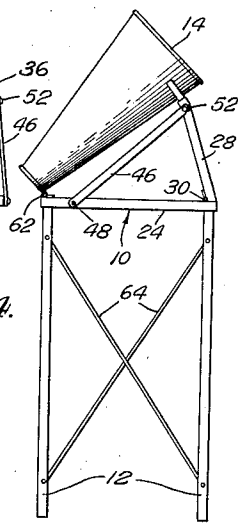


Fig. 4.

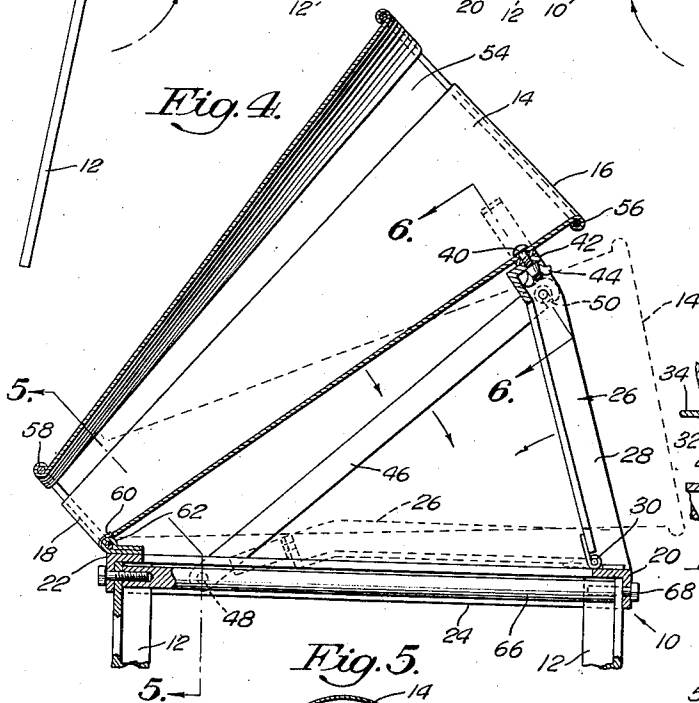


Fig. 6.

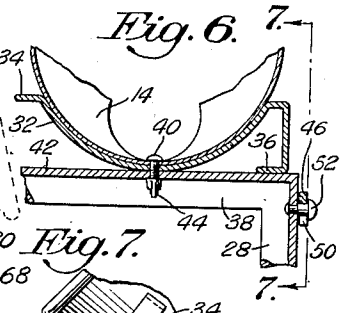


Fig. 7.

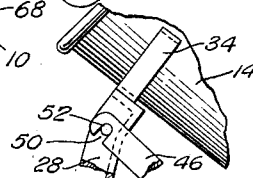
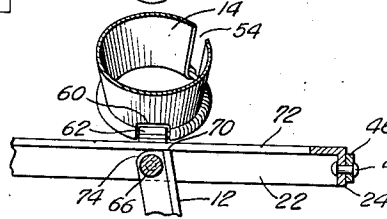


Fig. 5.



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UNITED STATES PATENT OFFICE

2,122,731

POULTRY HOLDER

Cherry Summers, Ethel, Mo.

Application September 22, 1936, Serial No. 102,016

1 Claim. (Cl. 119—97)

My invention relates to the art of administering medicine and the application of leg bands to poultry, and has among its objects and advantages the provision of an improved poultry holder.

An object of my invention is to provide a holder which will support the fowl with its head, wings, and legs in such a manner as to facilitate vaccinating, blood testing, worming, and applying leg bands.

A further object is to provide a novel poultry holder designed to accommodate fowls of different sizes and in which the holder is so constructed and arranged as to utilize the weight of the fowl for holding purposes.

Another object is to provide a holder in which a large number of units may be incorporated and in which the device is designed to be collapsed into a compact structure for transportation and handling purposes.

In the accompanying drawing:

Fig. 1 is a top plan view of my invention;

Fig. 2 is a front view;

Fig. 3 is an end view;

Fig. 4 is a sectional view along the line 4—4 of Fig. 2;

Fig. 5 is a sectional view along the line 5—5 of Fig. 4;

Fig. 6 is a sectional view along the line 6—6 of Fig. 4; and

Fig. 7 is a view taken from the position indicated by line 7—7 of Fig. 6.

In the embodiment selected to illustrate my invention, I make use of a supporting frame 10 mounted upon legs 12. Upon the frame 10 I mount a plurality of fowl holders 14. These holders are conically shaped and include a large opening 16 and a smaller opening 18.

Frame 10 is constructed of angle iron and includes two side reaches 20 and 22 and two end reaches 24. Upon the reach 20 I mount a U-shaped support 26 having the lower ends of its legs 28 hingedly connected at 30 with the reach 20. I prefer to construct the U-shaped support 26 of angle iron and connect the hinges 30 with the legs 28 and the reach 20 by welding.

Fig. 4 illustrates the normal adjustment of the parts for poultry holding purposes. At this time, the holders 14 lie within bends 32 in a metallic strap 34 having its ends welded at 36 to the bight 38 of the support 26. Each holder 14 is provided with a bolt 40 which extends through aligned openings in its respective bend 32 and the flange 42 of the bight 38 for the reception of a wing nut

44 having threaded relation with the bolt for securing the holder 14 firmly in position.

To hold the support 26 in the position of Fig. 4, I provide links 46 which are pivotally connected at 48 to the reaches 24 and have their opposite ends slotted at 50 for the reception of pins 52 carried by the arms 28. The slotted ends of the links 46 may be disconnected from the pins 52 to permit the support 26 to be folded to the dotted line position of Fig. 4. Each holder 14 comprises sheet metal and is provided with a longitudinal slot 54 for receiving one wing of the fowl to be worked upon.

Referring to Fig. 4, the large end of the holder is bent about a reinforcing wire ring 56 while the smaller end is bent about a similar reinforcing ring 58. These rings lend support to the slotted holder. In Figs. 4 and 5, the small end of the holder may be cut away at 60 to provide accommodation for a hinge 62 pivotally connected with the ring 58. The hinge may be welded to the reach 22. The ring may be provided with a straight reach coextensive with the width of the hinge for pivoting purposes.

While I have illustrated the holders 14 as being hingedly connected at their rear ends with the reach 22, such hinges may be dispensed with and the ends of the holders permitted to lie loosely on the reach 22 since the bends 32 and the bolts 40 provide good holding support for the holders. With the nuts 44 removed and the links 46 disconnected from the pins 52, the support 26 may be folded down upon the frame 10 while the holders 14 may be dropped down to the dotted line illustration of Fig. 4.

In operation, the fowl is inserted head first into the holder 14 with its back down. One wing of the fowl is passed through the slot 54 in its respective holder 14 with the under side of the wing up for blood testing purposes. The head of the fowl projects slightly beyond the smaller end of the holder for worming purposes, while the legs are free at the large end of the holder for vaccinating and leg banding. With the holders 14 arranged in the angular position of Fig. 4, the weight of the bird is sufficient to hold the fowl in a secure position within the holder.

In Fig. 3, I illustrate the legs 12 as being interconnected in pairs by diagonal supports 64. Each pair of legs 12 is foldable as a unit underneath the frame 10, as indicated by dotted lines in Fig. 2. Fig. 4 illustrates the pivotal connection for the leg units. These legs are formed of angle iron, and each pair is spaced by a separator 66 having a threaded bore in each end for the re-

ception of a bolt 68. These bolts pass through aligned openings in the reaches 20 and 22 and the legs 12. In Fig. 5, the upper end of the leg 12 is shaped at 70 to have abutting relation with the flange 72 of the reach 22. This end is cut away at 74 to permit free pivotal movement of the leg in one direction, but the abutting relation at 70 prevents the leg from swinging beyond the position illustrated. Thus, the frame 10 will be firmly supported on the legs with the latter adjusted according to Fig. 2.

Without further elaboration, the foregoing will so fully explain my invention that others may, by applying current knowledge, readily

adapt the same for use under various conditions of service.

I claim:

A poultry holder comprising a frame, a conically-shaped open-ended tube having its small end pivotally connected with one side of said frame, a bracket pivotally connected with the opposite side of the frame and including means for supporting the large end of the tube for holding the latter at an angle to the frame, and means for securing the bracket in a holding position, said bracket being foldable upon the frame and said tube being foldable upon said bracket.

CHERRY SUMMERS.