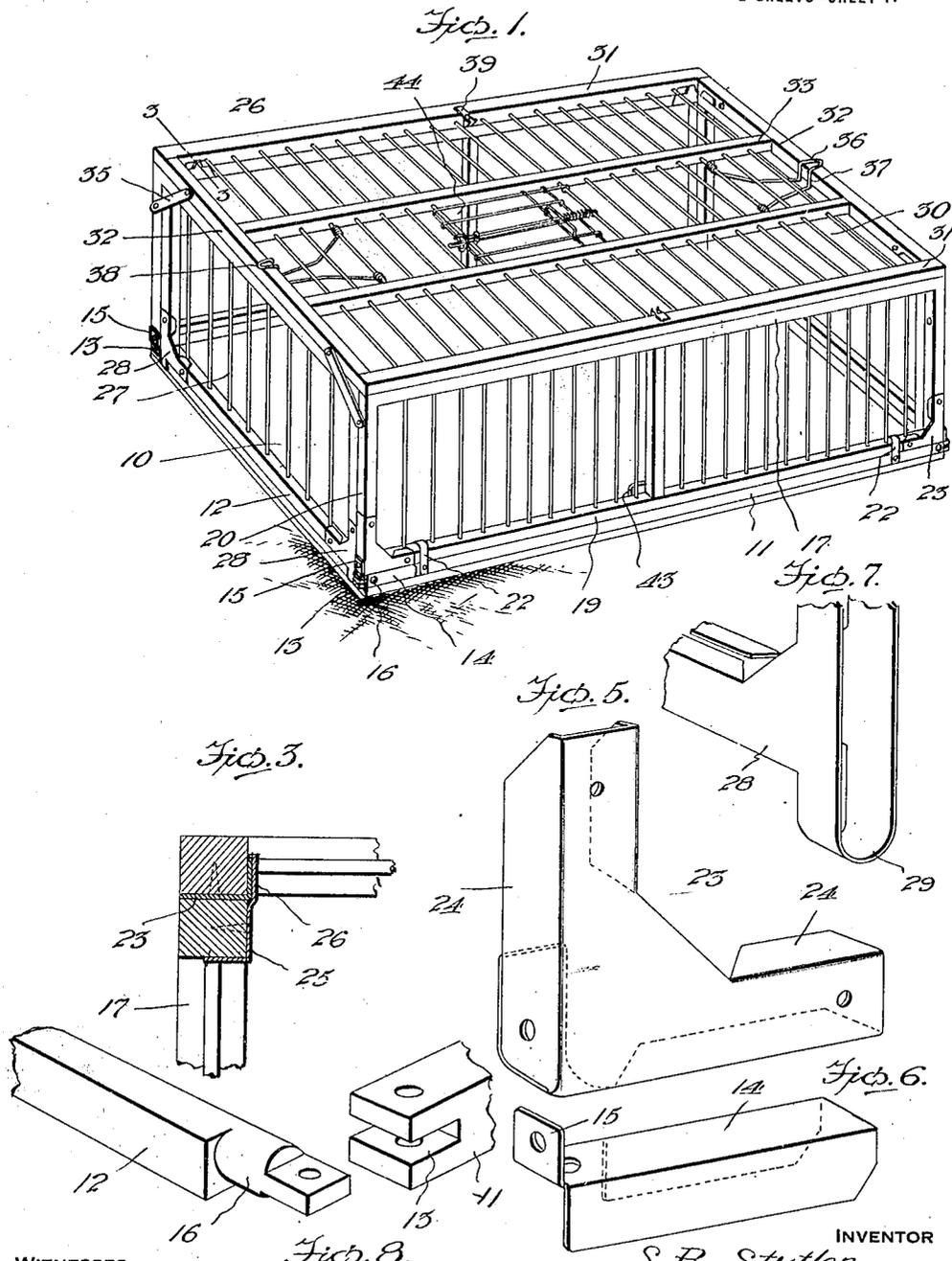


S. R. STUTLER.  
 COLLAPSIBLE COOP.  
 APPLICATION FILED NOV. 3, 1917.

1,298,598.

Patented Mar. 25, 1919.  
 2 SHEETS—SHEET 1.



WITNESSES

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Fig. 2.

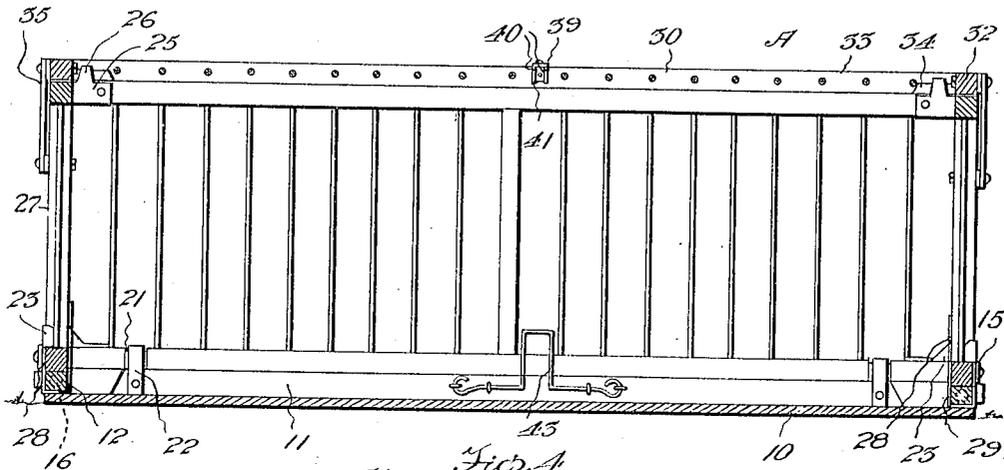
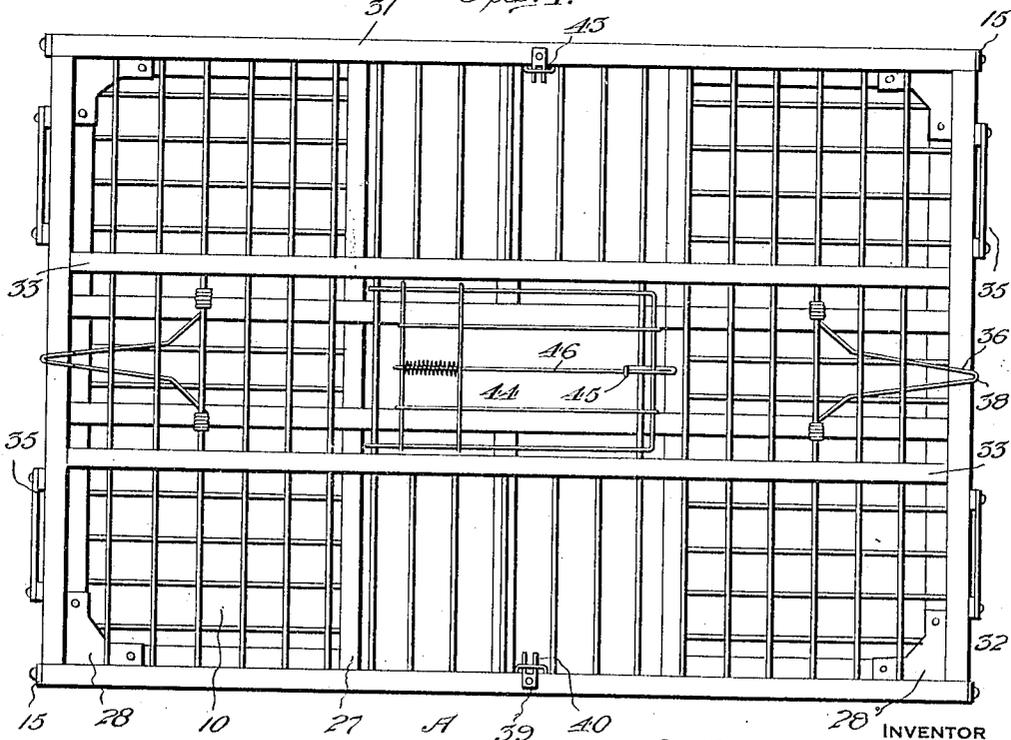


Fig. 4.



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# UNITED STATES PATENT OFFICE.

SANTFORD R. STUTLER, OF BRISTOL, WEST VIRGINIA.

## COLLAPSIBLE COOP.

1,298,598.

Specification of Letters Patent. Patented Mar. 25, 1919.

Application filed November 3, 1917. Serial No. 200,105.

To all whom it may concern:

Be it known that I, SANTFORD R. STUTLER, a citizen of the United States, residing at Bristol, in the county of Harrison and State of West Virginia, have invented new and useful Improvements in Collapsible Coops, of which the following is a specification.

This invention relates to a coop of the collapsible type, and the primary object of the invention is to provide a coop of this character wherein the side frames of the coop are so connected that the coop top and side frames may be simultaneously raised or lowered in the setting up or the collapsing of the coop.

Another object of the invention is to provide the coop with latches of the novel construction which may be employed to maintain the coop in set up position or to hold the same collapsed.

A further object of the invention is to provide the door of the coop with a latch bar which is of unique and simple construction.

With these and other objects in view, the invention resides in the novel combination and arrangement of parts, which will be herein after described and claimed.

The preferred embodiment of the invention has been illustrated in the accompanying drawings, although no restriction is necessarily made to the precise details of construction therein shown, as changes, alterations, and modifications within the scope of the claim may be resorted to when desired.

In the drawings:

Figure 1 is a perspective view of the collapsible coop constructed in accordance with the invention.

Fig. 2 is a vertical longitudinal section therethrough.

Fig. 3 is a transverse section on the line 3-3 of Fig. 1.

Fig. 4 is a plan view of the coop collapsed.

Fig. 5 is a detail perspective view of one of the brackets associated with the coop frames.

Fig. 6 is a perspective view of one of the clips associated with the ends of the side rails.

Fig. 7 is a perspective view of one of the brackets associated with the ends of the end frames and

Fig. 8 is a perspective view showing the meeting ends of one side and end rail.

Like characters of reference denote cor-

responding parts throughout the several views in the drawings.

Referring now to the drawing in detail the letter A designates a collapsible coop construction in accordance with the invention wherein the coop bottom 10 has secured thereto side rails 11 and end rails 12. The ends of the side rails 11 are slotted as at 13 and reinforced by clips 14 of U-shape in cross section, each clip having formed thereon at its outer end an upstanding ear 15. Bearings 16 are formed upon the ends of the end rails 12 and extend within the slots in the side rails 11.

A pair of frames 17 provide sides for the coop with each frame including an upper rail 17, a lower rail 19, and end rails 20. The end rails 20 of the frames 17 have formed therein adjacent their ends circumferentially extending grooves 21 into which extend loops 22 of the side rails 11 to hingedly connect the frames 17 with the coop bottom. The ears 15 on the clips 14 through their engagement with the end rails of the frame serve to prevent longitudinal shifting of the frames 17.

The lower corners of the frames 17 are braced by L-shaped brackets 23, the arms of which having formed thereon ears 24 between which the end and lower rails of the frames pass. The ears 24 are provided with holes registering with holes in the ears 15 through which screws or nails are passed for pivotally mounting the frame 17 and assisting the loops 22. The upper corners of the frame 17 are braced by brackets 25, similar in construction with the brackets 23 with the exception that the brackets 25 have formed upon one arm thereon a tongue 26 which extends beyond the top rail of the frames 17 for a purpose which will hereinafter appear.

A pair of frames 27 which are identical in construction with the side frames 17, form the ends of the coop and have connected with their end and bottom rails L-shaped brackets 28, from which extend loops 29 having passing therethrough the bearings 16 on the end rails 12, to hingedly connect the end frames with the coop bottom.

A frame 30 which serves as the coop top includes side rails 31, end rails 32 and a pair of spaced and longitudinally extending rails 33. The corners of the top frame 30 are braced by brackets 34 corresponding in con-

struction to the brackets 23. Links 35 have their terminals pivotally connected with the end rails of the side frames 17 and with the end rails 32 of the coop top, so that the side frames of the coop may be simultaneously raised or lowered with the coop top thus facilitating the setting up, or collapsing of the coop.

Latch yokes 36 for maintaining the end frames of the coop in a vertical position when the coop is set up, have their arms connected with a portion of the coop top. The arms of the latch yokes are offset between their ends to provide shoulders 37 against which the upper rails of the end frames bear when the end frames are in vertical position. The portions of the arms of the latch yokes which extend beyond the shoulders 37 provide extensions 38 by means of which the latch yokes may be raised to disengage the shoulders 37 from the end frames when the coop is to be collapsed.

Plates 39 are secured centrally of the side rails 31 of the coop top and have formed thereon notched ears 40 each of which is provided with an inclined face 41. Yokes 43 are secured centrally on the side rails 11 with the cross bars of the yokes adapted to engage the ears 40 on the plates 39 when the coop is collapsed to maintain the frames of the coop in folded position.

A door 44 for closing the opening in the coop top has formed thereon a keeper loop 45 through which is passed a spring pressed bar 46 mounted to slide on the door 44.

When the coop is set up as shown in Fig. 1 in the drawings and it is desired to collapse

the coop, the latch yokes 36 are disengaged from the end frames to permit the end frames to be swung inwardly upon the coop bottom. The side frames 17 of the coop which are held against outward movement by the tongues on the brackets 25 are now pushed inwardly and the weight of the coop top causes these side frames to fold upon the bottom of the coop and beneath the coop top. As the sides of the coop and top move downwardly the cross bars of the yokes engage the inclined faces on the ears 40 and ride into the notches in the ears to maintain the frames in folded position.

From the foregoing description taken in connection with the accompanying drawing it is apparent that a collapsible coop of improved construction has been provided which is highly efficient for the purpose set forth.

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

In a collapsible coop, a top frame having side frames swingingly connected therewith, a bottom, side rails on said bottom with which said side frames are swingingly connected having slots at the ends thereof, end rails on said bottom having bearings spaced from the ends thereof and having their extremities extending within said slots, end frames, and brackets at the lower corners of the end frames having loops formed thereon through which said bearings are passed whereby said end frames are swingingly mounted.

In testimony whereof I affix my signature.  
SANTFORD R. STUTLER.

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