I. PUTNAM.

COOP.

APPLICATION FILED NOV. 8, 1911.

1,109,177. Patented Sept. 1, 1914.

Fig. 1

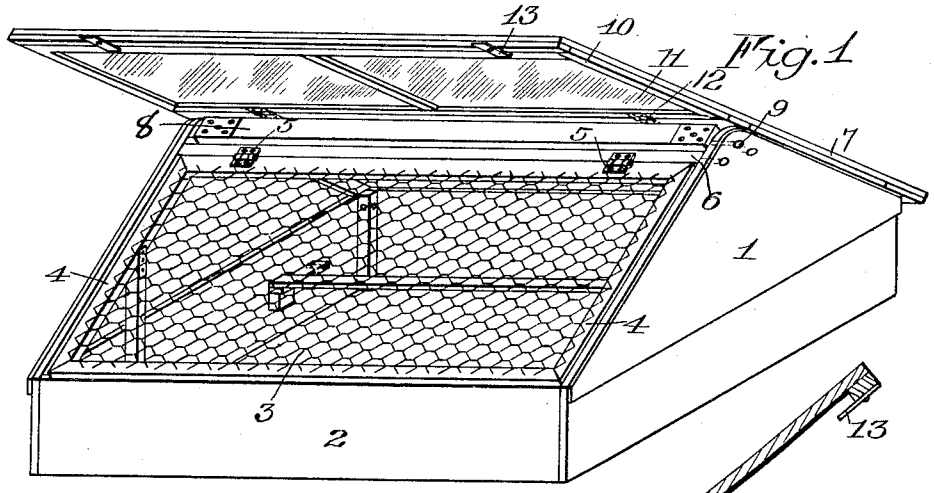
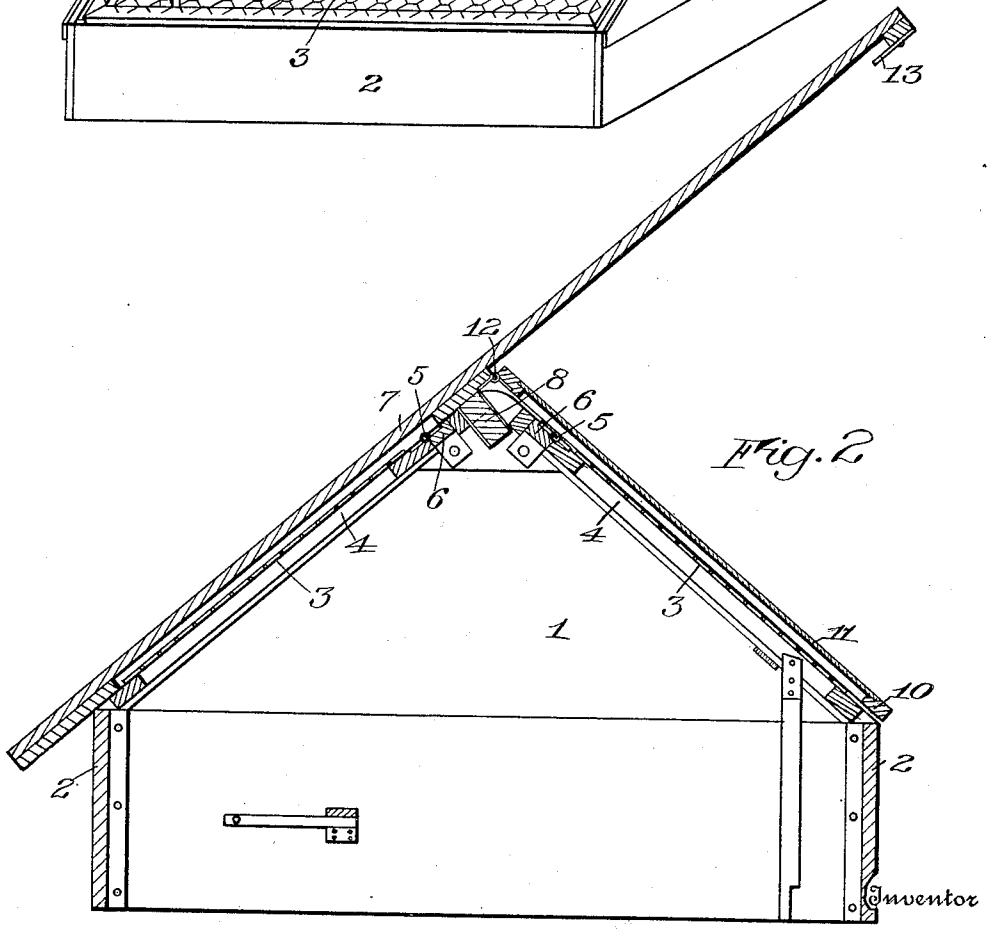



Fig. 2




Witnesses

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

# UNITED STATES PATENT OFFICE.

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## COOP.

1,109,177. Specification of Letters Patent. Patented Sept. 1, 1914.

Application filed November 8, 1911. Serial No. 659,194.

*To all whom it may concern:*

Be it known that I, ISRAEL PUTNAM, of Elmira, in the county of Chemung and State of New York, have invented certain new and useful Improvements in Coops; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

My present invention relates to animal houses or coops and it has for its object to provide a simple and efficient means for providing ample ventilation without subjecting the confined animals to inclemencies of the weather.

A further object of the invention is to provide a construction of a convertible nature allowing the exposure to be easily and quickly changed from one direction to the opposite or both sides amply protected at once from cold or storms.

To these and other ends the invention consists in certain improvements and combinations of parts all as will be hereinafter more fully described, the novel features being pointed out in the claims at the end of the specification.

In the drawings: Figure 1 is a perspective view of a chicken coop constructed in accordance with and illustrating one embodiment of my invention, and Fig. 2 is a vertical transverse section therethrough.

Similar reference numerals throughout the several figures indicate the same parts.

As above intimated, I have illustrated my invention in the present embodiment as applied to a chicken coop that comprises in this instance peaked end walls 1 and relatively low side walls 2 so that the coop is provided with open slanting sides that are shown covered with chicken wire 3 for obvious purposes. I prefer to attach this wire covering to a frame 4 that lies flush within the surrounding walls and is preferably hinged at 5 to a cross piece 6 extending between the end walls 1.

The roof 7 is preferably flat and rigid, as shown, and sufficient in extent to overhang all of the walls before mentioned. It is secured rigidly to the ridge pole 8 which latter extends longitudinally along its center and is pivoted or journaled at 9 in the end walls 1 at or near the apexes thereof. It will thus be seen from an inspection of the figures that the roof may be tilted to an inclined position at either the left or the right so that it alternately covers either one or the other of the open screened sides of the coop. Assuming, therefore, that the axis of the roof about which the latter turns, runs east and west, either a northern or southern exposure is provided for, and if it is storming from one of these points, the roof may be dropped on that side into cooperation with the side and end walls whereat the opposite side will be open with due protection, however, on account of the upwardly projecting elevated portion at the other side of the roof. The formation of both sides of the roof in one solid piece turning about a single center is advantageous in that one side counterbalances the other and a change in position may be effected with very little physical effort. This advantage is very apparent when the roof becomes heavy with snow, for instance. It is, however, sometimes necessary that both sides should be closed, as in extremely cold weather or during a violent storm, for which occasion I provide a cover comprising in the present instance, a frame 10 covered with cotton cloth 11 or similar material and hinged at 12 to the roof 7 at one side of the pivot or axis thereof. The frame normally lies against the underside of the roof, as shown in Fig. 1, in which position it is secured by means of turn buttons 13, or other suitable devices, but which may be dropped down to the position shown in Fig. 2 to cover an open side of the coop when the opposite side is closed by the roof. As the side of the latter that carries the cover is rotated to its elevated position, the pivot 12 of the cover is brought into a proper position, as shown more particularly in Fig. 2, to allow it to completely close that side of the coop.

Of course, the cover may be made of any material desired, but cloth is suggested herein as it keeps out the cold and wind without entirely preventing the circulation of air. Also, while I have shown the cover for but one side, it will be understood that it might be duplicated on the other, the two halves of the coop being identical with each other in other respects.

I claim as my invention:

1. In a coop, the combination with a pair of peaked end walls, of a roof pivoted at an intermediate point to the apexes of the walls to alternately coöperate with opposite sides of the coop and a cover pivoted to the roof at a point adjacent to the apex of the walls to lie on one side of the pivot of the roof and adapted to cover that side of the coop by spanning the end walls substantially in the plane of their upper edges when the roof is tilted to cover the other side, said cover being foldable against the underside of the roof.

2. The combination with a coop having open slanting sides, of a flat roof pivoted at an intermediate point to tilt on an axis arranged substantially at the intersection of said sides to alternately coöperate with each and a cover pivoted to the roof at one side of its axis but adjacent thereto and adapted to cover that side of the coop when the roof is in coöperation with the other side by spanning the end walls substantially in the plane of their upper edges.

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