

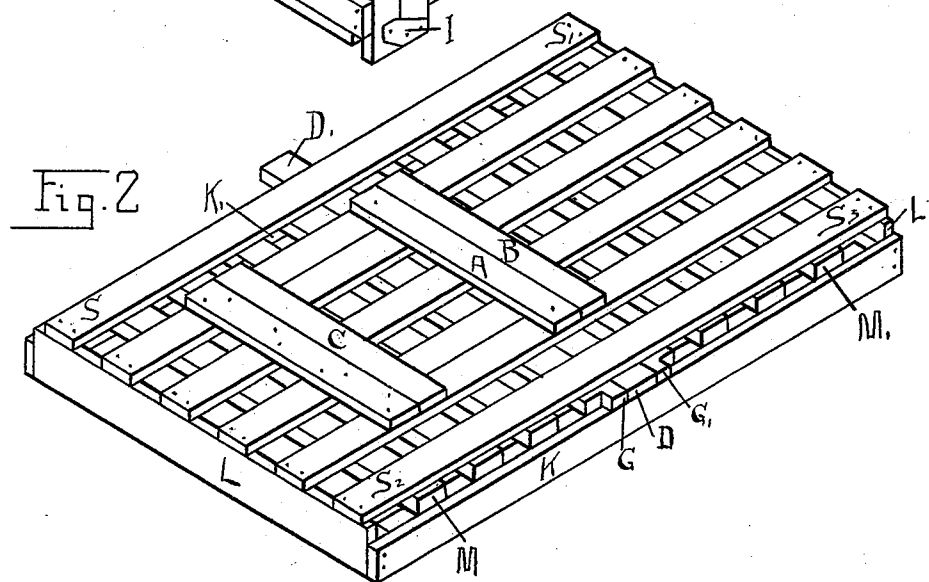
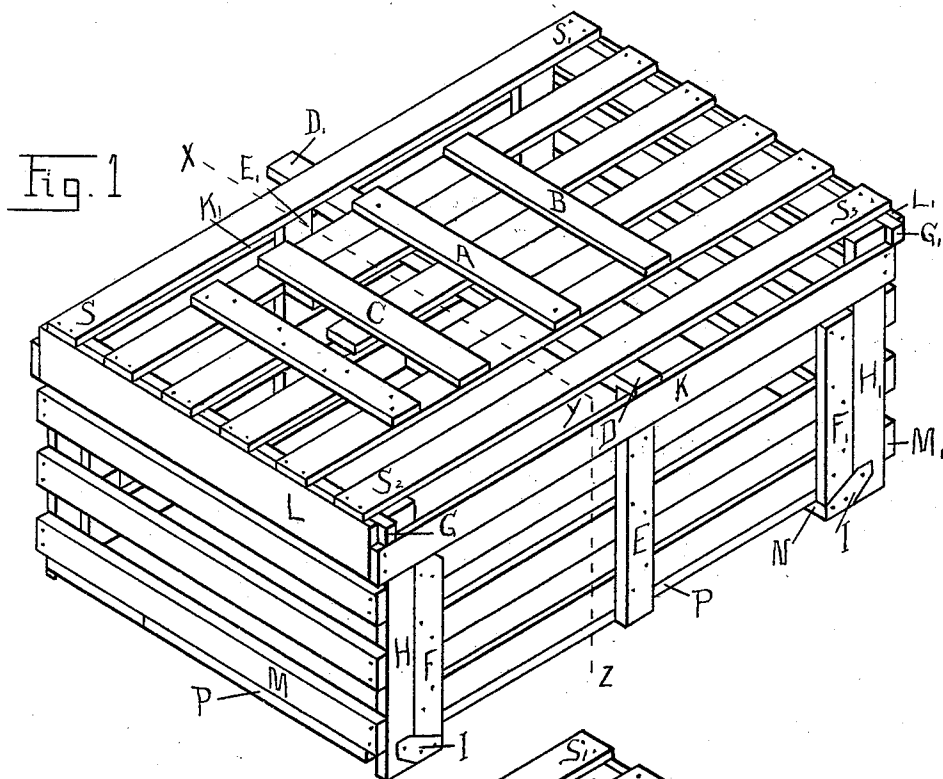
(No Model.)

2 Sheets—Sheet 1.

R. C. MEINDER.
FOLDING POULTRY COOP.

No. 544,680.

Patented Aug. 20, 1895.



WITNESSES:
William H. Smith
Edw. F. Fouse

INVENTOR
Robert C. Meinder

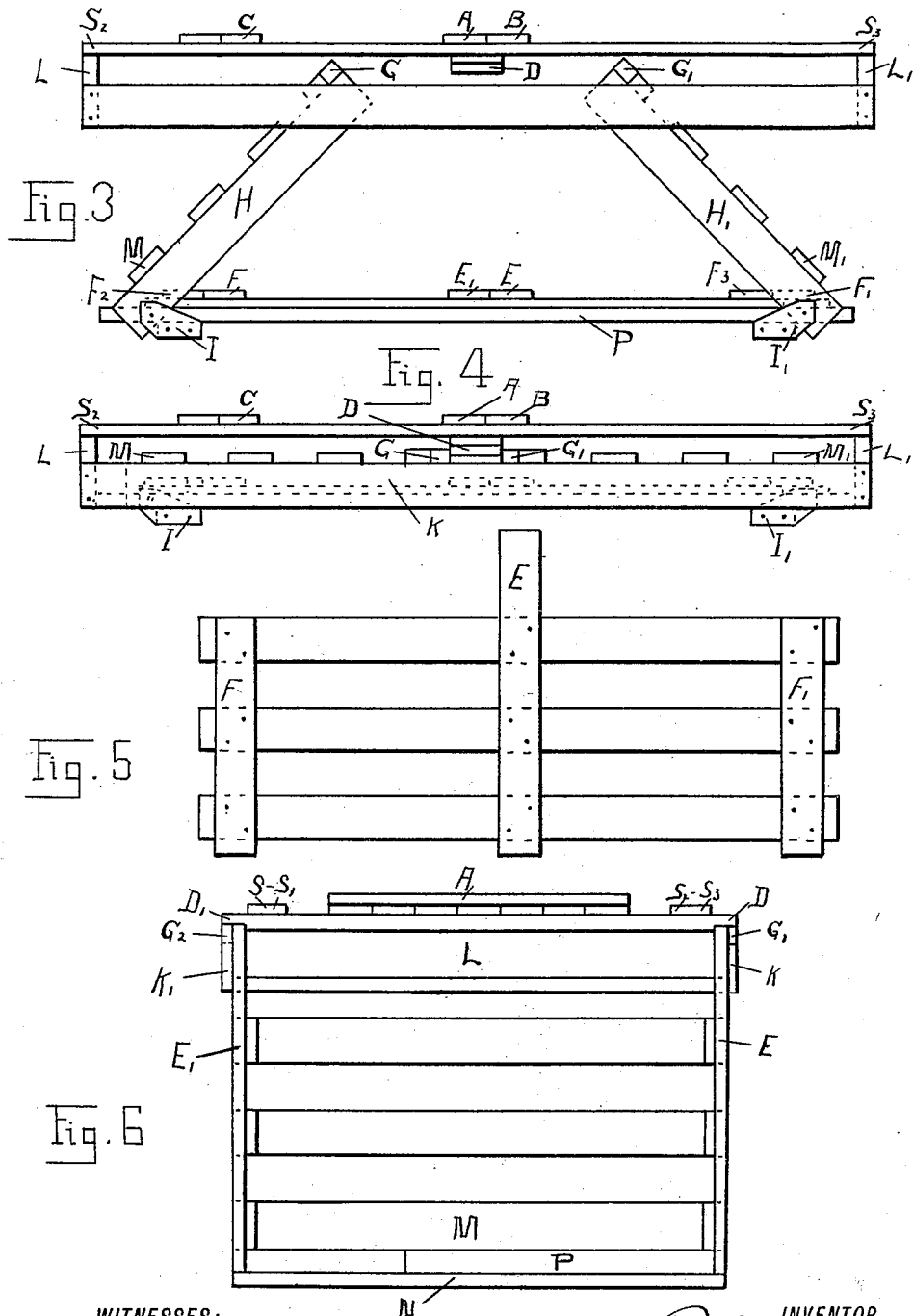
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UNITED STATES PATENT OFFICE.

ROBERT C. MEINDER, OF PITTSBURG, PENNSYLVANIA.

FOLDING POULTRY-COOP.

SPECIFICATION forming part of Letters Patent No. 544,680, dated August 20, 1895.

Application filed May 27, 1895. Serial No. 550,768. (No model.)

To all whom it may concern:

Be it known that I, ROBERT C. MEINDER, a citizen of the United States, residing at Pittsburg, No. 44 Van Braam street, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Folding Poultry-Coops; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The object of my invention is to furnish a poultry-coop which may be folded on the bottom so as not to take up any more floor-space than that occupied by the coop when open and so as to occupy only one-fifth the height and having detachable sides, which afford ample opportunity for cleaning, the parts being constructed so as to interlock and hold itself firmly together, making a strong and serviceable coop. The manner in which this object is attained is shown in the accompanying drawings, made on two sheets, as follows:

Figure 1 is a perspective view of the coop ready for poultry. Fig. 2 is a perspective view of the coop closed ready for reshipment, occupying one-fifth of the space required when open. For the sake of clearness the sides E F F' and E' F² F³ are not indicated in this view. Fig. 3 is a side view of the coop partly closed, showing sides resting on bottom P. Fig. 4 is a side view of the coop in a closed position. Fig. 5 is a view of one of the detachable sides. Fig. 6 is a section through X Y Z of Fig. 1, showing particularly method of retaining sides in position.

Similar letters refer to similar parts throughout the several views.

In the drawings, P is the bottom of the coop, having a cleat N nailed to it, one cleat at each end.

M' H' forms an end, of which the part H' is fastened by a nail through the pin-plate I', so that it is free to rotate about this nail in opening and closing the coop. This plate I' is nailed to the cleat N. The other end is constructed in the same manner.

In opening the coop the end H' M' is ro-

tated from its position on the bottom until it becomes perpendicular to the bottom P, where it is stopped by the slat M' coming in contact with the bottom P; also simultaneously the part H' strikes the cleat N. This arrangement serves not only to stop the end when it arrives at its proper position, but acts also as a brace. The opposite end H M acts precisely in the same manner as H' M', just described. The upper slats of the ends H M and H' M' have at their ends small projections G and G', which move back or forward in the slot S² S³ K as the coop is opened or closed. When the coop is open G and the slat are against L, also G' and slat against L', and when closed the upper slats of the ends are both against D D'. This serves to hold the top to the ends. The sides E F F' and E' F² F³ are detachable. The upright E of side E F F', also E' of the opposite side, are made high enough so that the locking-piece D D' is pressed down with much force by the slats S S' and S² S³, this pressure being due to the elasticity of the wood. The brace and locking piece D D' are nailed to slats S S' and S² S³ on their lower sides at their middle. The side is also prevented from slipping back toward the bottom of the coop by a shoulder on the piece D D', it being so cut that it fits exactly over the top and along the back of upright. The ends of the slats composing the sides E F F' and E' F² F³ extend beyond the upright F and F' and project behind H and H' when the coop is open. The lower ends of the uprights E, F, and F' and E', F², and F³ project beyond the lower slat of the side to assist in holding the side in place when the coop is open. The sides while firmly held in place firmly lock the ends H M and H' M' in place, the pieces F F' constantly bracing the parts H and H', respectively, of the ends—that is, when the coop is open ready for use. The door B C, held in place by the slat A, is fully opened when slat C is next slat A, and is closed when slat B is next slat A. The sides are the only parts of the coop which can be removed.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a folding poultry coop, the bottom P with the ends H M and H' M' rotating about

a nail in the pin plate I and I', the pin plate
being nailed to the cleat N; and the upper
slats of the ends H M and H' M' having at
their ends small projections G and G' to move
5 in the slot S² S³ K; and the sides E F F' and
E' F² F³ held in place by the pressure of S S'
and S² S³ and by the shoulder in the locking
piece D D', the lateral slats having project-
ing ends beyond the uprights F, F', F² and

F³ and the uprights E, E', F, F' F² and F³ 10
having projecting ends at their base, all sub-
stantially as set forth.

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

ROBERT C. MEINDER.

Witnesses:

WILLIAM W. SMITH,
ED R. FREESE.