

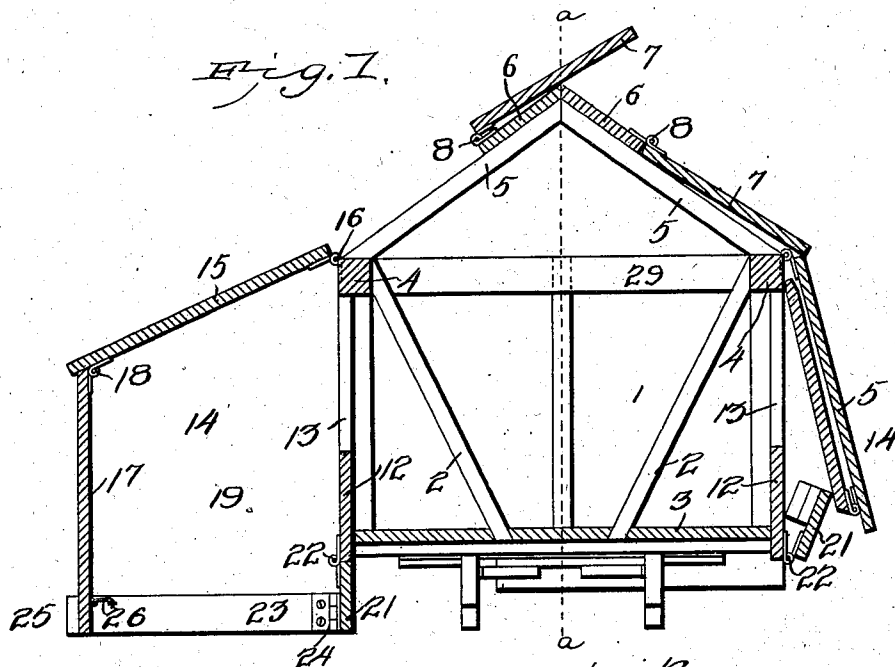
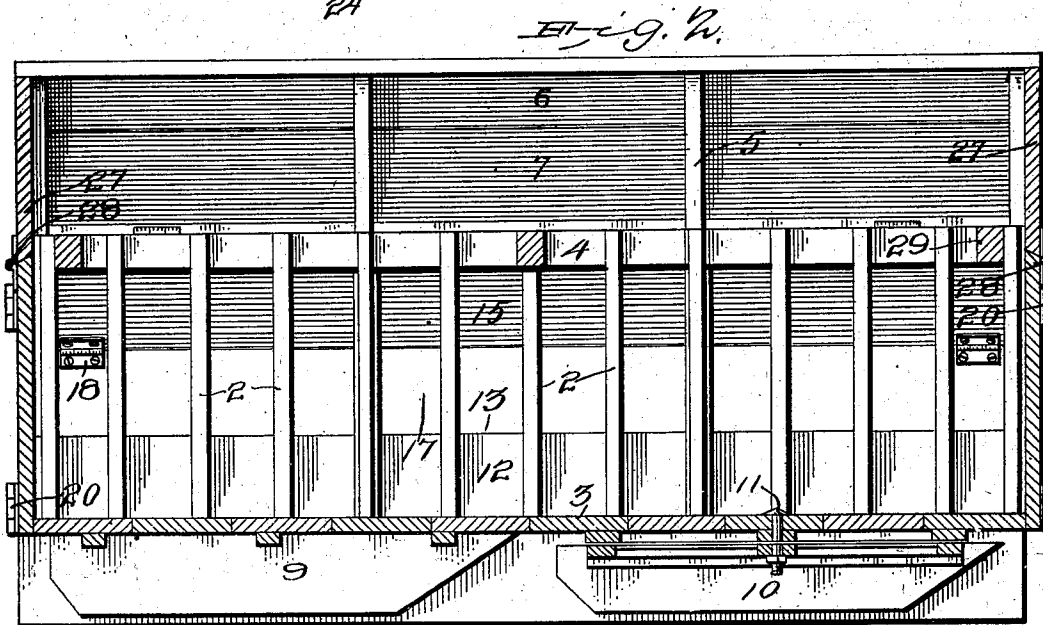
No. 730,275.

PATENTED JUNE 9, 1903.

T. M. LASWELL.
PORTABLE FOLDING SHED.
APPLICATION FILED AUG. 22, 1902.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses
E. F. Stewart
J. W. Garner

T. M. Laswell, Inventor
by *Chas. H. Snow & Co.*
Attorneys

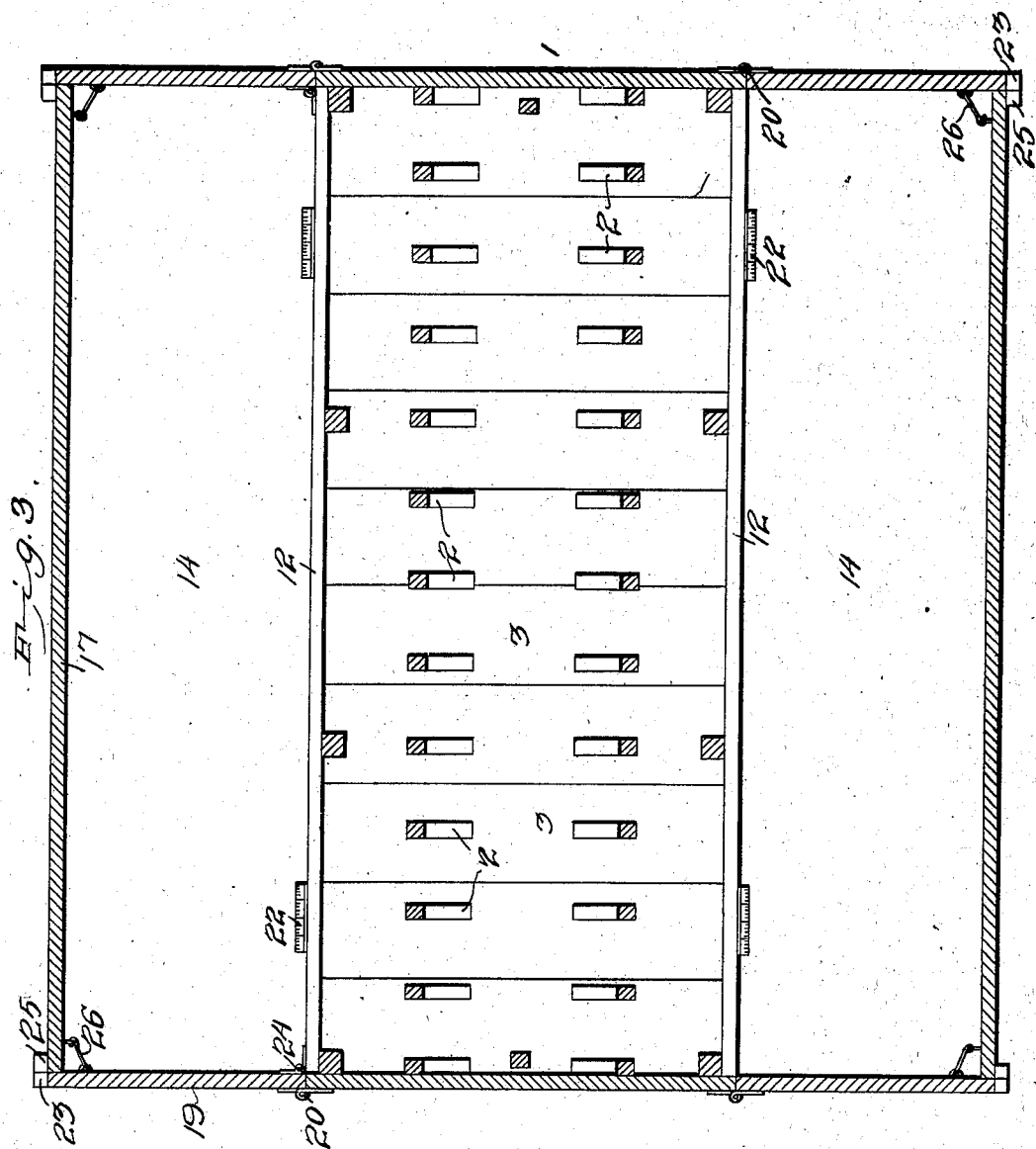
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by *C. A. Snow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

THOMAS MITCHEL LASWELL, OF HARRIS, MISSOURI.

PORTABLE FOLDING SHED.

SPECIFICATION forming part of Letters Patent No. 730,275, dated June 9, 1903.

Application filed August 22, 1902. Serial No. 120,648. (No model.)

To all whom it may concern:

Be it known that I, THOMAS MITCHEL LASWELL, a citizen of the United States, residing at Harris, in the county of Sullivan and State of Missouri, have invented a new and useful Portable Folding Shed, of which the following is a specification.

My invention is an improved portable folding shed especially adapted for use in feeding and housing sheep and other animals, but also adapted for use for other purposes; and it consists in the peculiar construction and combination of devices hereinafter fully set forth and claimed.

In the accompanying drawings, Figure 1 is a vertical transverse sectional view of my improved portable folding shed, showing one of the side wings thereof folded. Fig. 2 is a vertical longitudinal central sectional view of the same, taken on a plane indicated by the line *a a* of Fig. 1. Fig. 3 is a horizontal sectional view of the same, showing both of the side wings extended.

In the embodiment of my invention I provide a relatively fixed structure 1, which is here shown as a feed-rack, having oppositely-inclined rack-bars 2 in its opposite sides, which extend from the floor 3 outwardly and upwardly to the side plates 4. The rack structure is provided with oppositely-inclined rafters 5 near the ends thereof and connected together by peak-boards 6, which form the central portion of the roof. Roof-boards 7 are connected to the peak-boards 6 by hinges 8, so that the said roof-boards 7 may be either lowered on the rafters to close the roof over the rack or opened and folded over the peak-boards to open the roof and permit the hay or straw to be thrown into the rack. This relatively fixed structure or hay-rack is here shown as supported upon a pair of runner-trucks 9 10, the latter being pivotally connected under the floor of the rack by a king-bolt 11. These runner-trucks serve to support the relatively fixed structure or rack and enable the same to be readily drawn from place to place in a field. The sides 12 of the rack or relatively fixed structure are open, as at 13, so that the animals may have access to the feed.

On opposite sides of the rack or relatively fixed structure are folding shed-wings 14, each

of which comprises a roof 15, hinged to one side of the rack or relatively fixed structure, as at 16, a side wall 17, hinged to the roof, as at 18, and adapted to be folded under the same, and end walls 19, which are hinged to the corners of the rack or relatively fixed structure, as at 20, and are adapted to be disposed under the roof 15 and at the ends of the side walls 17 in order to support the roof in position when extended or to be folded on the ends of the rack or relatively fixed structure when the side wings of the shed are folded. Under the sides of the rack or relatively fixed structure are sill-boards 21, which are hinged thereto, as at 22, and thereby adapted to be folded up, as shown on the right-hand side of Fig. 1, or to be lowered, as shown on the left-hand side of the said figure. To the ends of the said sill-boards are connected end sills 23 by means of hinges 24, which adapt the end sills to be folded against the sill-boards or to be extended outwardly therefrom at right angles thereto in position to lie under the lower edges of the end walls 19 and to extend across the side walls 17 of the folding side wings. At the outer ends of the end sills, on the inner sides thereof, are cleat-bars 25, which are adapted to engage the outer sides of the folding side walls 15, as shown in Figs. 1 and 3. Hooks 26 are provided by means of which the end sills may be secured to the side walls 17.

It will be understood from the foregoing that the side wings may be either extended from the relatively fixed structure or rack or folded against the same and that when the side wings are extended and secured, as hereinbefore described, by the hooks 26, which connect the side walls 17 to the end sills 23, the end walls 19 of the side wings will form doors which will permit the entrance or exit of the animals when the doors are opened and which doors when closed by resting on the end sills 22 and under the hinged roof 15 will support the ends of the latter. It will be understood that prior to moving the shed from one point to another the side wings thereof will be folded. The gables 27 of the rack or relatively fixed structure are hinged at their lower sides, as at 28, so that they may be either extended up under the ends of the roof to close the spaces at the ends of the

rack above the end plates 29 or folded downwardly on the ends of the rack to open them, as may be desired. The hinged roof-sections 7 may be opened or closed, according to the weather.

5 Having thus described my invention, I claim—

1. In combination with a relatively fixed structure a folding shed-wing on one side
10 thereof, comprising a roof hinged thereto, a side wall hinged to the roof and adapted to be folded under the same, and end walls hinged to the corners of the relatively fixed structure and adapted to be folded either
15 across the ends thereof or outwardly therefrom and under the hinged roof when the latter is raised, a longitudinally-disposed sill-board hinged to the side of the relatively fixed structure and adapted to be extended down-
20 wardly therefrom or folded up against the same, and end sills hinged to the said sill-board at the ends thereof, and adapted to be folded against the same or extended outwardly at right angles thereto, under the end
25 walls of the shed-wing and secured to the side wall thereof, substantially as described.

2. In combination with a relatively fixed structure a folding shed-wing on one side

thereof, comprising a roof hinged thereto, a side wall hinged to the roof and adapted to
30 be folded under the same, and end walls hinged to the corners of the relatively fixed structure and adapted to be folded either across the ends thereof or outwardly there-
35 from and under the hinged roof when the latter is raised, a longitudinally-disposed sill-board hinged to the side of the relatively fixed structure and adapted to be extended
40 downwardly therefrom or folded up against the same, and end sills hinged to the said sill-board at the ends thereof and adapted to be folded against the same, or extended out-
45 wardly at right angles thereto under the side walls of the shed-wing, said end sills having cleat-bars on their inner sides at their outer ends to engage the side wall of the shed-
wing, and means to detachably secure said end sills to said wall, substantially as de-
scribed.

In testimony that I claim the foregoing as
50 my own I have hereto affixed my signature in the presence of two witnesses.

THOMAS MITCHEL LASWELL.

Witnesses:

M. E. LOVELAND,

J. N. RAGAN.