

(No Model.)

J. N. SCUDDER.
SHEEP RACK.

No. 486,508.

Patented Nov. 22, 1892.

FIG. 1.

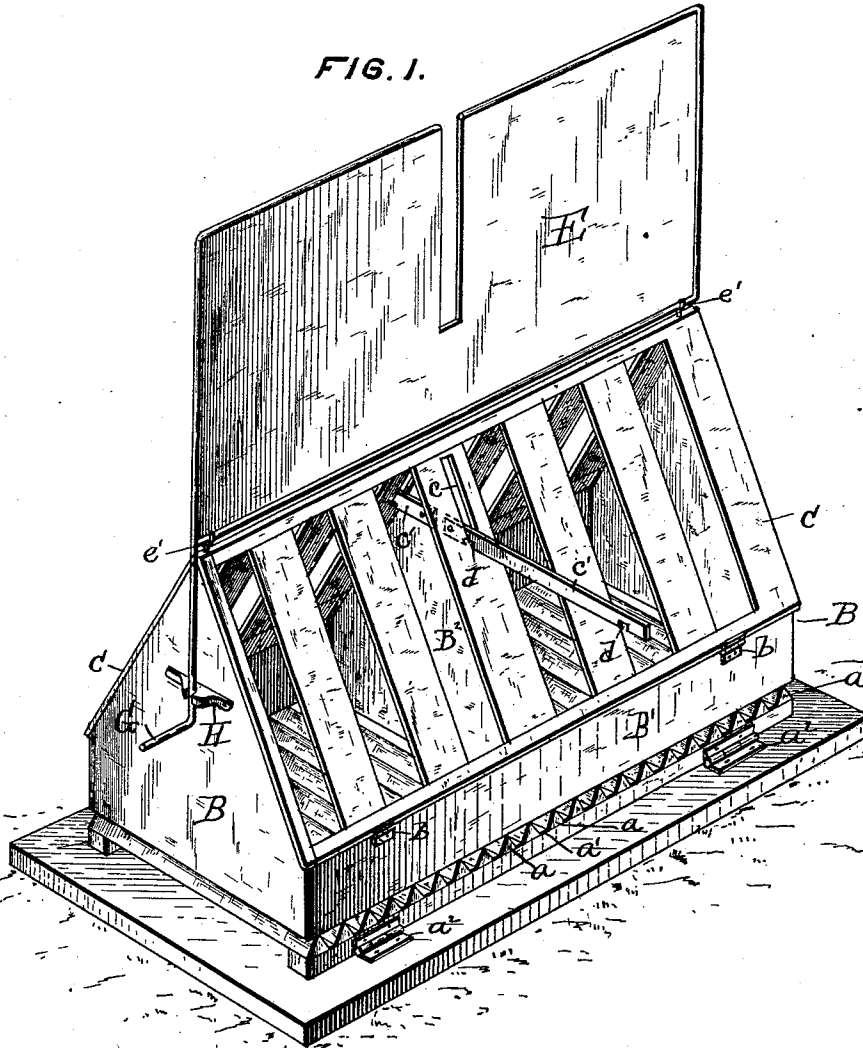
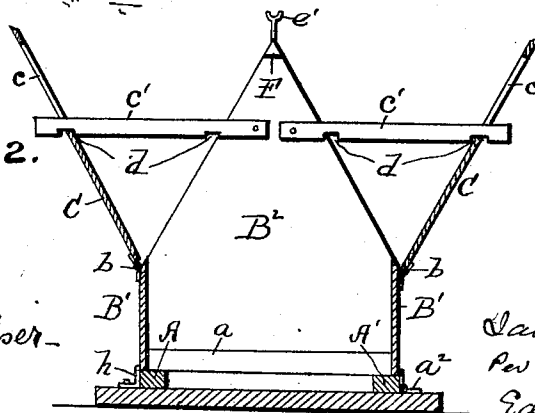


FIG. 2.



ATTEST.
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SHEEP-RACK.

SPECIFICATION forming part of Letters Patent No. 486,508, dated November 22, 1892.

Application filed June 3, 1892. Serial No. 435,442. (No model.)

To all whom it may concern:

Be it known that I, JAMES NELSON SCUDDER, a citizen of the United States, residing at Canton, in the county of Bradford and State of Pennsylvania, have invented certain new and useful Improvements in Sheep-Feeding Racks and Mangers; and I do hereby 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.

My invention has relation to feeding-racks for sheep; and the object is to provide a simple, convenient, and inexpensive form of rack and manger combined; and to this end the novelty consists in the construction, combination, and arrangement of the several parts of the same, as will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings the same letters of reference indicate like parts of the invention.

Figure 1 is a view in perspective of my improved sheep rack and manger combined, as it appears set up and ready for use; and Fig. 2 is a transverse section of the same on the line of one of the hinges and having the cover removed.

Upon an ordinary and suitable base-board is mounted a frame consisting of two girders A A', upon which is secured a series of triangular strips *a*, so that there is left a small space *a'* between each strip, and the frame itself is hinged at *a*² *a*² to the base proper, and the said frame forms the floor of the rack and manger. To this frame are secured the closed A-shaped end pieces B B, sides B' B', and partition B², which divides the manger into sections.

Hinged to the sides B' B', on each side thereof at *b* *b*, is a slatted frame C, and each frame is provided with a slot *c*, through which passes a lever *c'*, pivoted to the partition B², and it has two notches *d* *d*, which rest in the bottom of the slot *c*, by means of which the frames C may be locked in a closed position, as shown in Fig. 1, while the animals are feeding, or may be held open to fill the rack, as shown in Fig. 2.

E is a light sheet-metal wing or cover, hinged at *e'* *e'* to the ridge-pole F, which connects the ends B B and partition B², and said cover is provided with a spring-lever handle G, which engages with a notched knee H and

retains the cover in an elevated position, when desired, whereas by releasing the handle G the cover may be closed over either side of the rack, thus converting it into a single feeder, when necessary. A pair of knees, one of 60 which is shown at *h*, are secured to the base, and in connection with the hinges *a*² *a*² prevent the displacement of the rack from the base when it is in use.

The hay, straw, or fodder is placed in 65 the rack, the frames C C being thrown outward, as shown in Fig. 2, to facilitate the operation, and after it is filled the frames are then closed and the animals have access to the food through the spaces formed by the slats of the frames, and whatever dirt, dust, or other foreign 70 matter there may be in the food will be separated therefrom by the agitation of the fodder in the act of feeding, will fall to the bottom, and not being able to rest upon the triangular slats 75 forming the floor will drop through and be caught by the base-board, thus insuring only clean, healthy food being supplied and protecting the eyes, nose, and wool of the animals from the chaff and litter. After feeding, the 80 manger proper may be tilted over on the base by means of the hinges *a*² *a*² and the refuse collected on the base-board readily removed.

Having thus fully described my invention, what I claim as new and useful, and desire to 85 secure by Letters Patent of the United States, is—

1. A combined sheep rack and manger consisting of a base having hinged thereto the girders A A', upon which are mounted the triangular strips *a*, end pieces B, sides B', and 90 hinged slatted frames C, substantially as and for the purpose set forth.

2. In a combined sheep rack and manger, the combination, with the base having hinged 95 thereto the girders A A', upon which are mounted the triangular strips *a*, the end pieces B, sides B', and the hinged slatted frames C, of the cover E, hinged to the upper ends of the end pieces B, the downwardly-depending 100 spring-lever handles G, secured to cover E, and the knee H, secured to end piece B, with which said lever is adapted to engage, substantially as described.

In testimony whereof I affix my signature in 105 presence of two witnesses.

J. NELSON SCUDDER.

Witnesses:

C. P. SPALDING,
M. P. GRIFFIN.