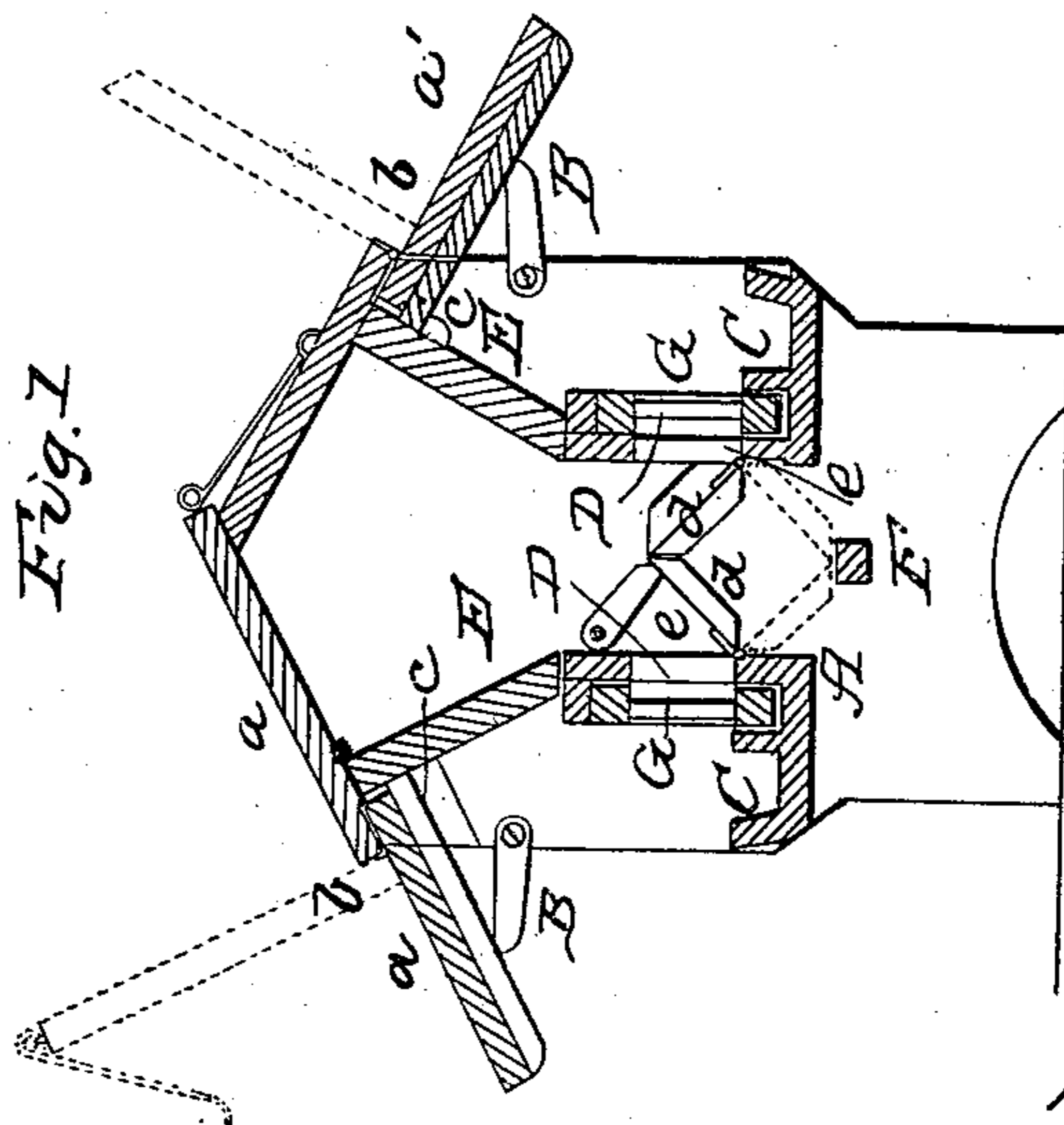
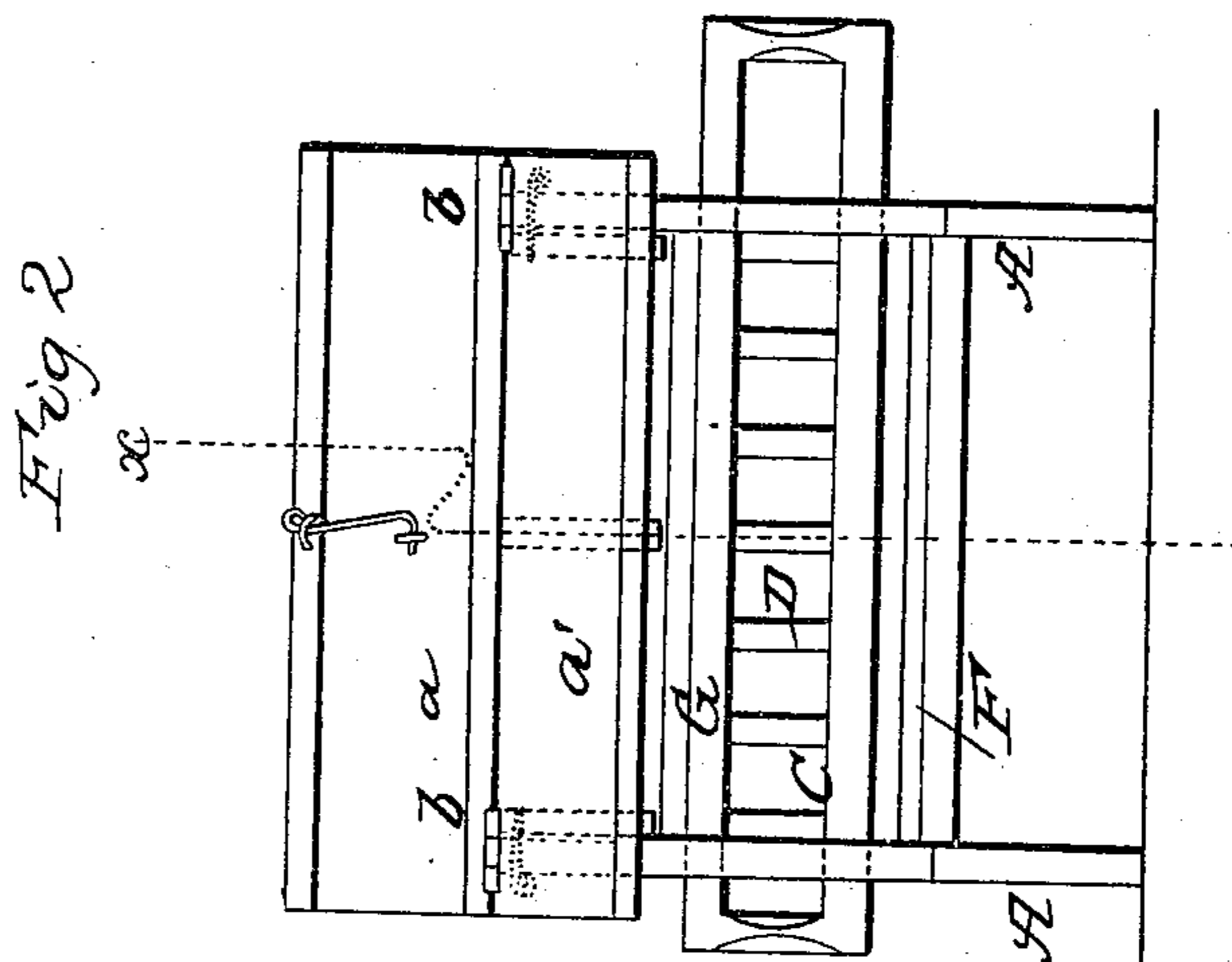


D. LIPPY.  
Sheep Rack.

No. 44,205.

Patented Sept. 13, 1864.



WITNESSES  
*Ed. T. Lipp*  
*Henry Adams*

INVENTOR  
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Atty

# UNITED STATES PATENT OFFICE.

DAVID LIPPY, OF MANSFIELD, OHIO.

## SHEEP-RACK.

Specification forming part of Letters Patent No. **44,205**, dated September 13, 1864.

*To all whom it may concern:*

Be it known that I, DAVID LIPPY, of Mansfield, in the county of Richland and State of Ohio, have invented a new and Improved Sheep-Rack; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a transverse vertical section of my invention, taken in the line *x x*, Fig. 2; Fig. 2, a side view of the same.

Similar letters of reference indicate like parts.

This invention relates to a new and improved rack for holding fodder for sheep while the latter are feeding.

The object of the invention is to obtain a rack for the purpose specified which will not admit of the food being wasted by the sheep, and which will admit of the latter eating with ease and comfort, and at the same time be fully protected from the weather.

A A represent the two end pieces of the rack, the tops of which are inclined to receive a double-pitch roof composed of two boards, *a a'*, at each side, the upper boards, *a a*, being secured by hinges *b b* to the lower boards, *a' a'*, to admit of being raised, as shown in red in Fig. 1, to fill the device with fodder. The lower boards, *a' a'*, are attached to the end pieces, A A, by pins *c*, and they are supported by buttons B, as shown clearly in Fig. 1. The boards *a'* project beyond the sides of the rack sufficiently far to fully protect the sheep from the weather while feeding.

C C are two troughs, placed one in each side of the device, behind each of which there is a stationary rack, D, there being an inclined board, E, above each rack, as shown clearly in Fig. 1. The space between the inclined boards E E and racks D D form a fodder-receptacle, the bottom of which is composed of two inclined boards, *d d*, which are attached to the lower parts of the racks D D by hinges *e*, and when adjusted or turned upward form a double inclined bottom, which

has a tendency to conduct the fodder toward the racks D D, as will be fully understood by referring to Fig. 1. By raising one of the boards, *d*, and letting one drop the other also may be let down and a concave or trough bottom formed, as shown in red in Fig. 1, the lower ends of *d d* resting on a bar, F.

G G represent two sliding or adjustable racks, which are fitted one in front of each stationary rack D. By moving or sliding the racks G G the capacity of the racks D—that is to say, the width of the spaces between their bars—may be varied so as to admit of a sheep passing his whole head through between the bars, or his nose only, as may be desired. When the boards *d d* are adjusted upward, as shown in tint in Fig. 1, the fine hay which may chance to work out through the racks D will lodge in the troughs C C, and thereby prevented from being drawn out and wasted, and when said boards are adjusted downward to form a trough, as shown in red in the same figure, the fine hay will settle down in said trough. When the racks D are fully opened—or not reduced in capacity by the sliding racks G—the boards *d* may be adjusted downward, and the entire head of the sheep allowed to pass through the racks D; but when the boards *d* are adjusted upward, the racks D may be diminished so as to allow the noses only of the sheep to pass through the racks, as in the latter case the fodder has a greater tendency to pass through the racks.

I claim as new and desire to secure by Letters Patent—

The stationary racks D D, provided with the adjustable or sliding racks G G, in combination with the troughs C C, and the central compartment provided with the adjustable bottom boards, *d d*, all arranged substantially as shown, to form a new and improved sheep-rack, as set forth.

DAVID LIPPY.

Witnesses:

L. B. EBERLY,  
JACOB EMMINGER.