

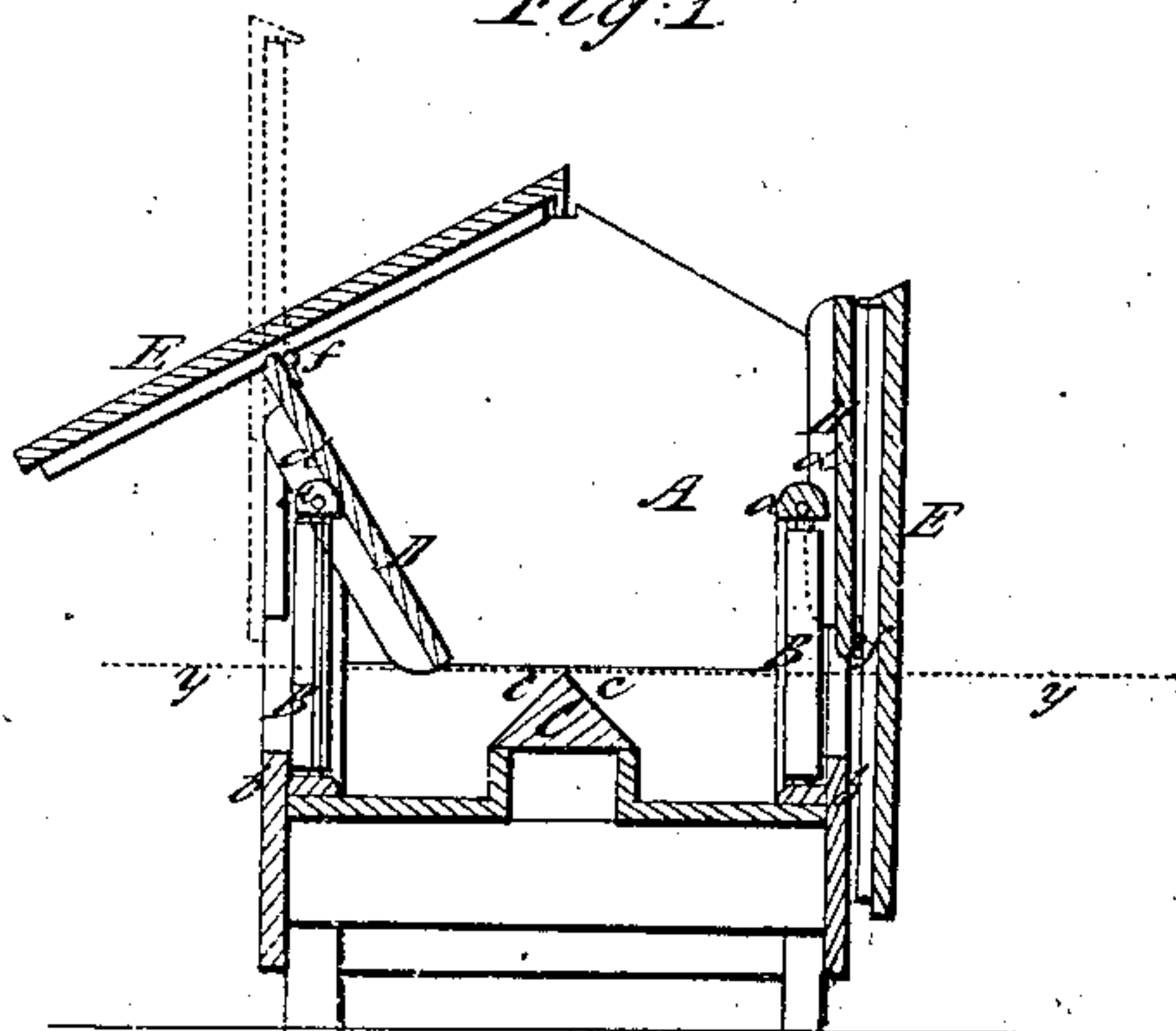
*J. S. Beal.*

*Sheep Rack.*

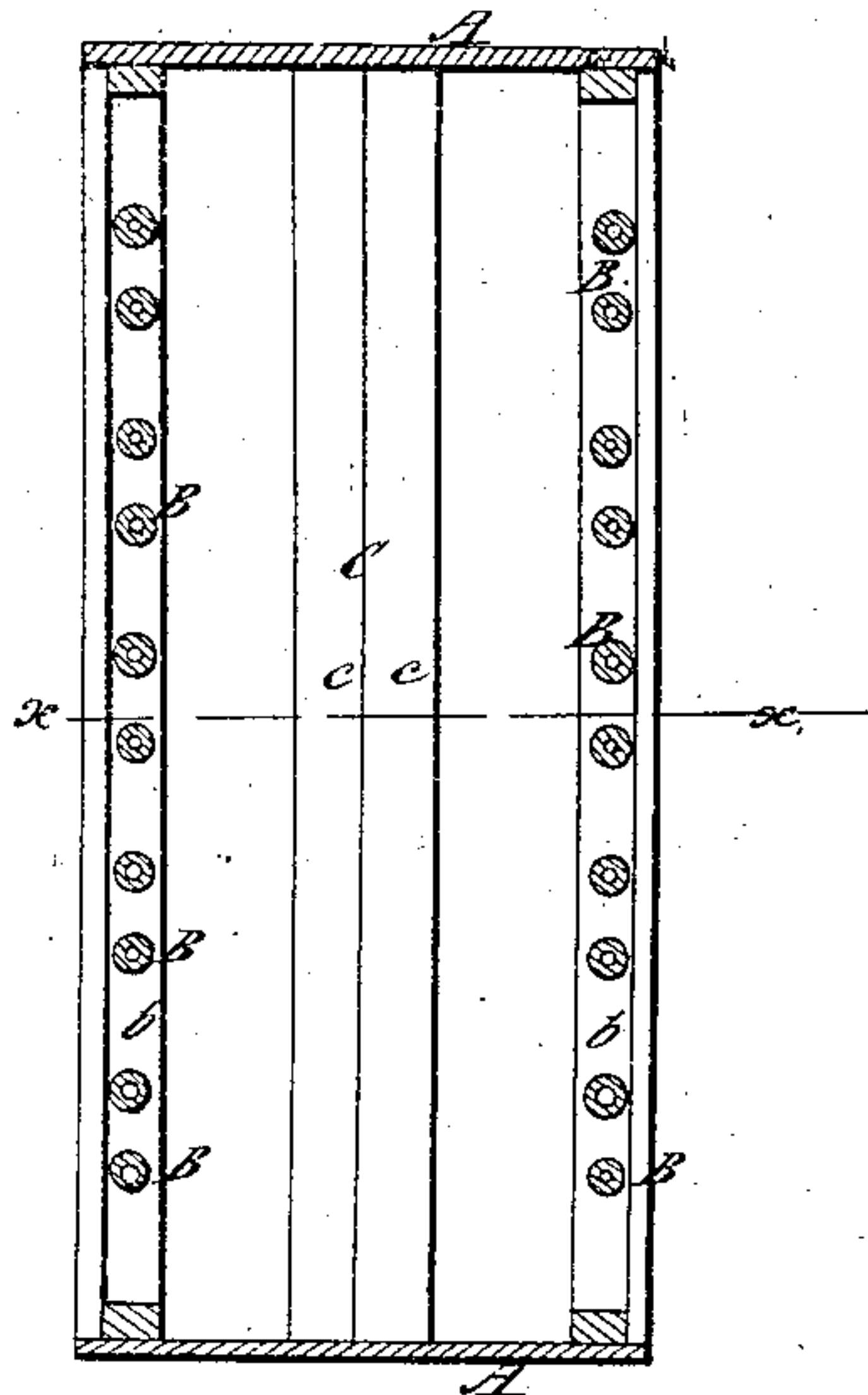
*N<sup>o</sup> 50,550.*

*Patented Oct. 24, 1865.*

*Fig. 1.*



*Fig. 2.*



*witnesses*  
*W. D. Dorem*  
*Thos. Lusk*

*Inventor*  
*J. S. Beal*  
*By M. M. Rogers*  
*Attys*

# UNITED STATES PATENT OFFICE.

J. S. BEALS, OF ALABAMA CENTRE, NEW YORK.

## IMPROVEMENT IN SHEEP-RACKS.

Specification forming part of Letters Patent No. 50,550, dated October 24, 1865.

*To all whom it may concern:*

Be it known that I, J. S. BEALS, of Alabama Centre, in the county of Genesee and State of New York, 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 those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a transverse vertical section of my invention, taken in the line *xx*, Fig. 2; Fig. 2, a horizontal section of the same, taken in the line *yy*, Fig. 1.

Similar letters of reference indicate corresponding parts.

This invention consists in a novel construction of the sheep-rack, whereby the same may be used either within or out of doors, the rack perfectly cleansed and supplied with feed without admitting of the sheep coming in contact with it, and each animal allowed to have its due share of food, and the necks of the animals prevented from being chafed in feeding from the rack.

*A A* represent the two end pieces of the rack, the tops of which are formed with a double pitch. The sides of the rack are composed of vertical rotating standards *B*, placed loosely on the rods, the upper ends of which are fitted in rails *a*, and the lower ends in the upper edges of strips *b b* at the sides of the rack. These standards, on account of being allowed to rotate freely, prevent the wool being worn or chafed from the necks of the sheep, and they at the same time prevent the sheep from crowding each other when feeding, enabling each one to obtain its due allowance of feed.

The bottom of the rack is provided with a longitudinal raised ledge, *C*, extending its whole length, and having a double-inclined upper surface, as shown at *cc*, and *D D* are two

feed-boards, the ends of which are provided with cleats *d*, which are fitted loosely, so as to turn at the ends of the rails *a* of the rack. The outer edges of the feed-boards *D D* are connected by joints or hinges *f* to board, *E E*, near their centers. (See Fig. 1.) By this arrangement of the boards *D D E E* important results are attained. By turning the boards *D* outward to a vertical position, and then turning the boards *E E* to a similar position, the sides of the rack will be completely inclosed and rendered inaccessible to the sheep, and the feeder can sweep and clean out the trough without any trouble or difficulty whatever, and then by turning inward the feed-boards *D* to an inclined position the feed may be placed in the rack, the boards *D* conducting it to each side of the edge *C*, the boards *E* still keeping the sheep from the rack or preventing them from having access to the feed. By turning up the boards *E* a roof or cover is formed for the rack and the sheep permitted to eat therefrom.

The boards *E* may be secured in the position designed for them, when serving as a roof or cover, by means of a hook or any proper fastening, and one of the end pieces, *A*, of the rack is provided with a door, through which the dirt from the rack is swept.

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

1. The feed-boards *D D*, connected to the sides of the rack so as to turn thereon, in combination with the boards *E E*, attached to the feed-boards *D D* by hinges or joints, substantially as and for the purpose set forth.

2. The revolving standards *B*, arranged and applied to the rack substantially as and for the purpose specified.

J. S. BEALS.

Witnesses:

ARTHUR W. BROWN,  
E. N. HOPKINS.