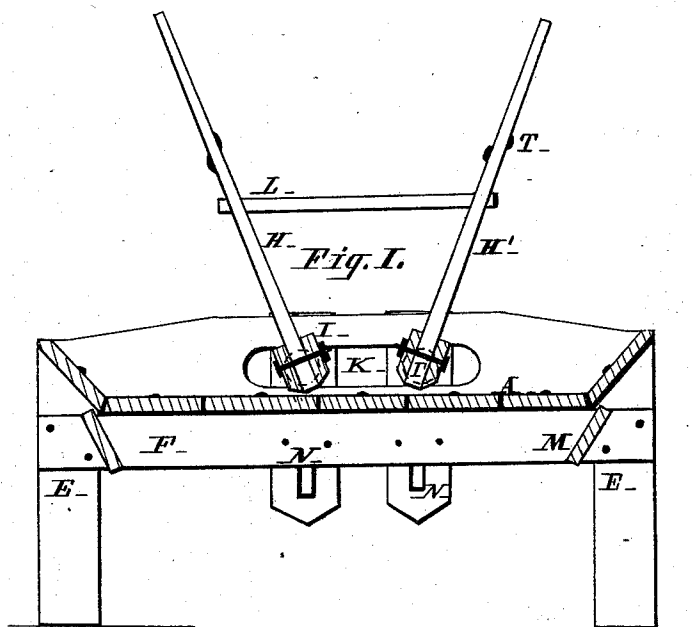


D. R. OSTRANDER.
Combined Feed-Box and Rack.

No. 162,943.

Patented May 4, 1875.



Inventor.

Witnesses.

M. Jackson
S. H. Clavel

David R. Ostrander.

By *Sam'l. J. Wallace,*

Attorney -

UNITED STATES PATENT OFFICE.

DAVID R. OSTRANDER, OF FOUNTAIN GREEN, ILLINOIS.

IMPROVEMENT IN COMBINED FEED BOXES AND RACKS.

Specification forming part of Letters Patent No. **162,943**, dated May 4, 1875; application filed March 24, 1875.

To all whom it may concern:

Be it known that I, DAVID R. OSTRANDER, of Fountain Green, Hancock county, Illinois, have invented an Improvement in a Combined Feed Box and Rack, of which the following is a specification:

This invention consists in an improved box and rack for feeding stock, made portable and having improved features, made substantially as set forth hereinafter, referring to the accompanying drawings, in which—

Figure 1 is a vertical cross-section of apparatus.

The table A is supported on the cross parts F, at a suitable height for stock to eat from, and has sides inclined, so as to form a feed box or table to hold corn or other food. The cross parts F have legs E bolted to them. The parts F, at each end and intermediately, are formed of two boards with the leg between. The tops of the leg parts E are beveled to fit the inclined sides. The boards M abut on the sides of parts F, so as to hold them from turning, and thus serve as braces to the legs. The end boards of the table have spaces K cut in them, to receive the ends of rack-heads I I', made round as journals, and let them be moved sidewise to change their distance apart, and change the space between them for hay, straw, oats, &c. The racks are formed of heads I I', lengthwise on the table, with rods or slats H H' set into them at suitable spaces, to hold the hay, &c., for feeding. The jour-

naled ends of the racks are borne by parts N N, which are attached by bolting or by keys below, and arranged to be moved and adjusted sidewise to increase or diminish the space. The racks are arranged with journaled ends and bearings, so they may be turned to change the inclination of the rods H H', to increase or diminish the space between. With sheaf-oats, for instance, the bars H H' are turned over each other, so as to cross down onto the grain, and with loose straw, &c., they are turned up or apart. A suitable tie, L, or other means, is used to hold the racks at the desired inclination and space apart. Withes T are interwoven with the bars of the rack, to support their upper ends. The table may be taken and set from place to place, and has a like face on each side.

I claim—

1. The portable feed table and rack, having the rack made adjustable in the distance of its sides apart, and arranged for use substantially as set forth.

2. The portable feed table and rack, having the two parts of rack formed of upright bars, arranged to fold together and open apart upon the table, substantially as and for the purpose set forth.

D. R. OSTRANDER.

Witnesses:

SAML. J. WALLACE,
WM. BALLINGER.