D. CLOSE.

Feed Rack.

No. 42,927. Patented May 31, 1864.

Fig. 2.

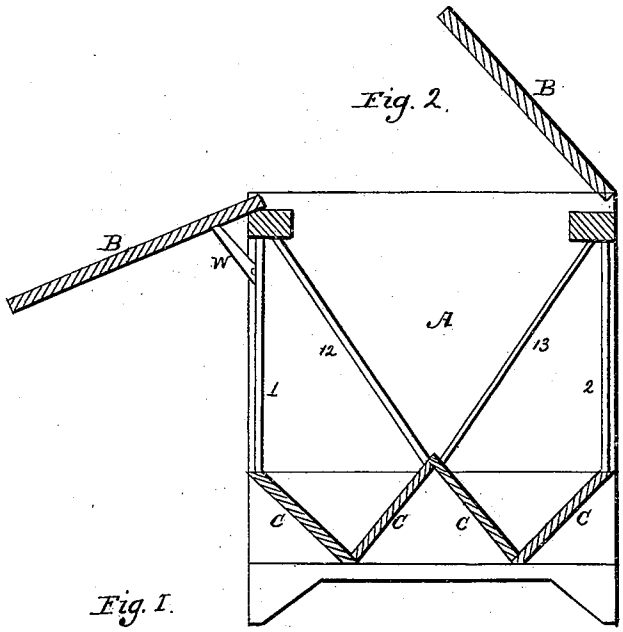
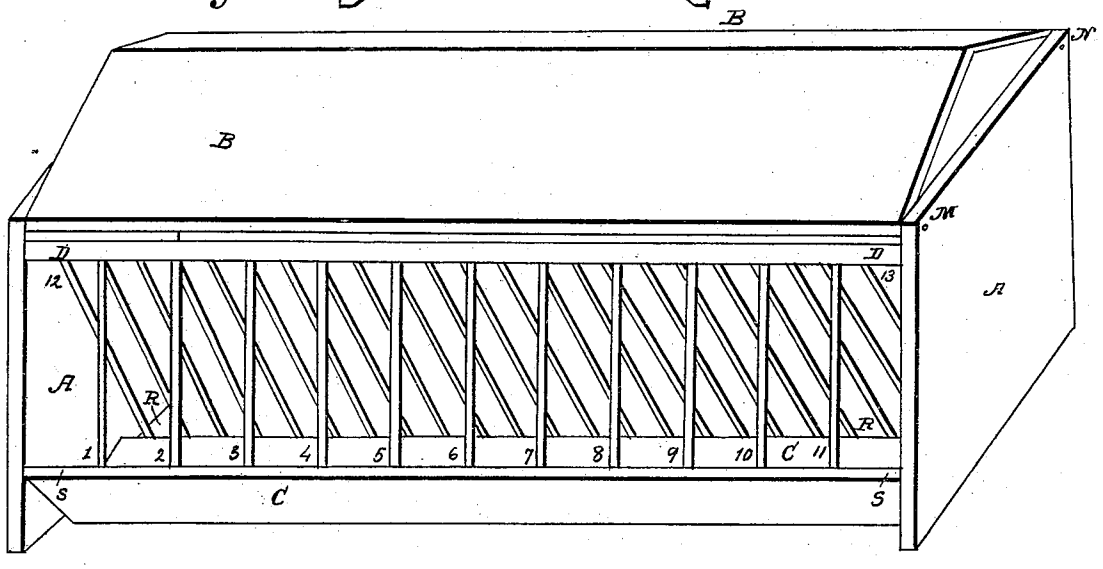


Fig. 1.



Witnesses:
A. B. Richmond
A. B. Holden.

Inventor:
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UNITED STATES PATENT OFFICE.

DANIEL CLOSE, OF HARMONSBURG, PENNSYLVANIA.

FEED RACK AND TROUGH COMBINED.

Specification forming part of Letters Patent No. 42,927, dated May 31, 1864.

To all whom it may concern:

Be it known that I, DANIEL CLOSE, of Harmonsburg, in the county of Crawford, Pennsylvania, have invented a new and Improved Feed Rack and Trough for Cattle and Sheep; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and the letters of reference marked thereon.

Figure 1 is a perspective view of my invention, with all its parts properly adjusted.

A A are the ends of the rack.

C C is a feed-trough of any desired length.

D D is the top of the rack—a piece of timber mortised into the ends A A.

1 2 3 4 5 6 7 8 9 10 11 are iron or wooden rods, one end of each of which is inserted in the front edge of the feed trough C C, and the other end into the cross-piece D D. These are of sufficient distance apart that a cow or sheep can introduce their heads between them. These rods will prevent the cattle or sheep from crowding each other from the feed.

12 13 is a rack constructed of rods, one end of each of which is inserted into the back edge and side of the trough C C, and the other in the cross-piece D D. The other side of the rack (not seen in drawing) is constructed exactly like the side described.

B B are two covers hung on pins at each end, as shown at M M. These covers may be dropped down so as to close the rack and trough; or they may be turned up as in Fig. 1, and thereby form a roof over the rack, or in the position shown in Fig. 2, where one is shown supported in nearly a horizontal position, thereby forming a roof over the sheep while feeding. The covers are kept in this position by a movable brace, (shown at W, Fig. 2.)

Fig. 2 is an end view of my rack and trough, C C C C, being the ends of the feed-troughs; 12 13 the rods of the rack, showing the space A between them for the hay or fodder. 1 1 show the rods or bars in front to keep the cattle and sheep from pushing each other. B shows the position of the cover when it is desired to form a cover over the rack.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is as follows, to wit:

The construction of the double-feed trough *c c c c*, with the bars 1 2 3 4 5 6 7 8 9 10 11 to keep the cattle from crowding, in combination with the rack 12 13 and covers B B, constructed as described, when the same are in the aforesaid combination, for the purposes set forth.

DANIEL CLOSE.

Witnesses:

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