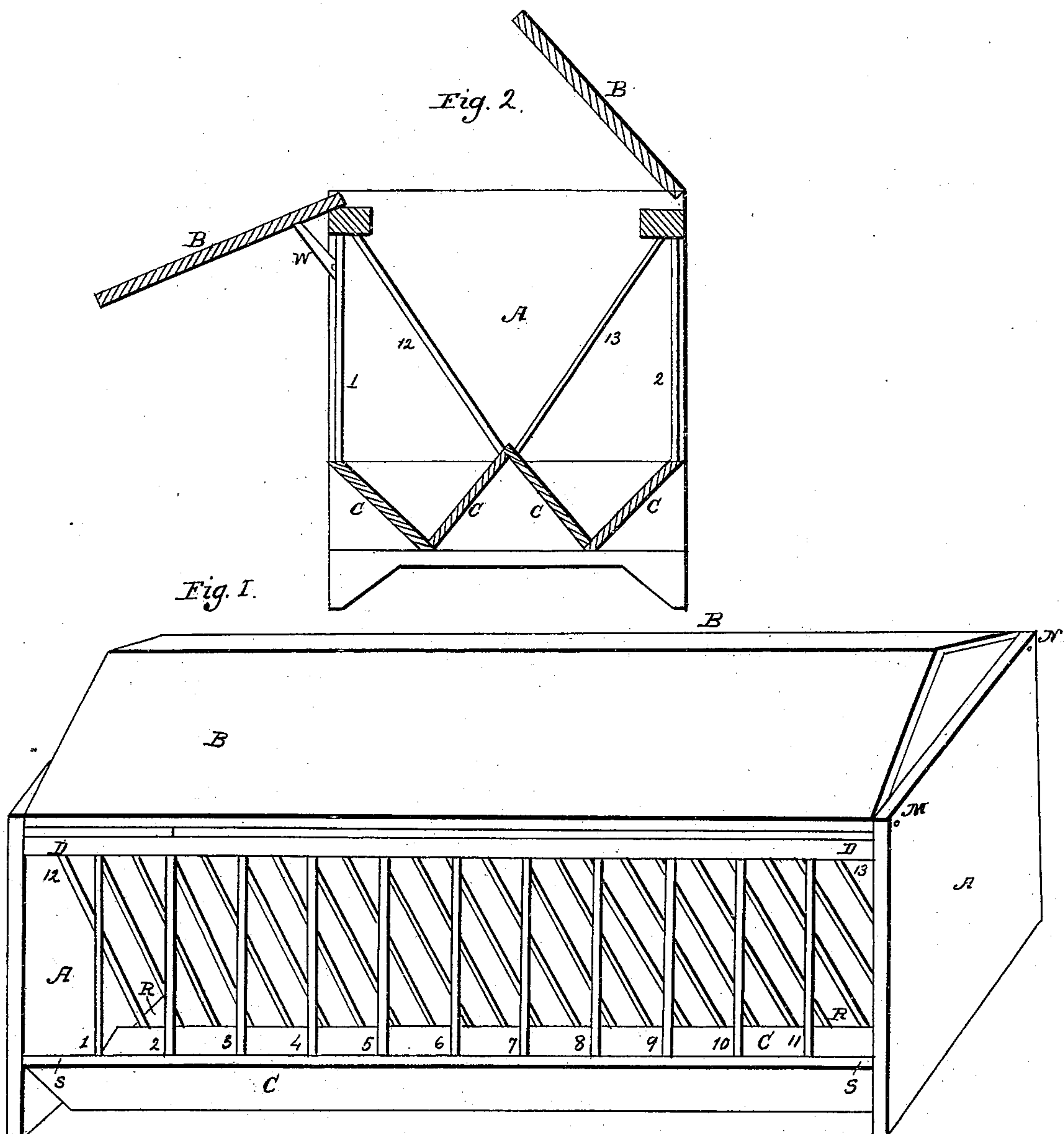


D. CLOSE.

Feed Rack.

No. 42,927.

Patented May 31, 1864.



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

Inventor:  
Daniel Close

# 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:

A. B. RICHMOND,  
REUBEN NEUHARD.