

J. M. Denison,

Horse Stall

No. 113,637.

Patented Apr. 11, 1871.

Fig. 1.

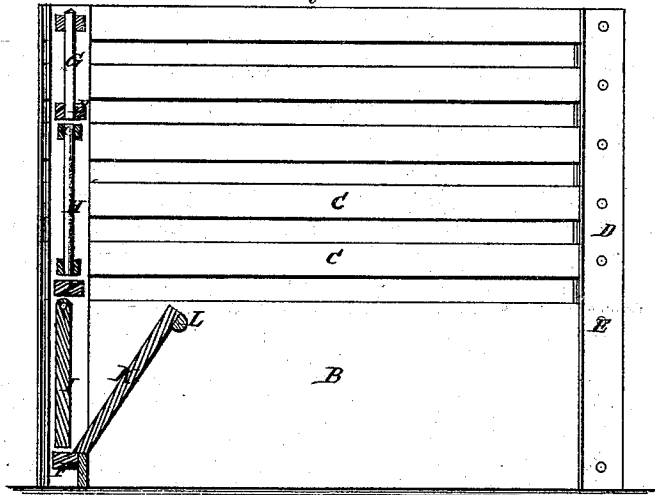
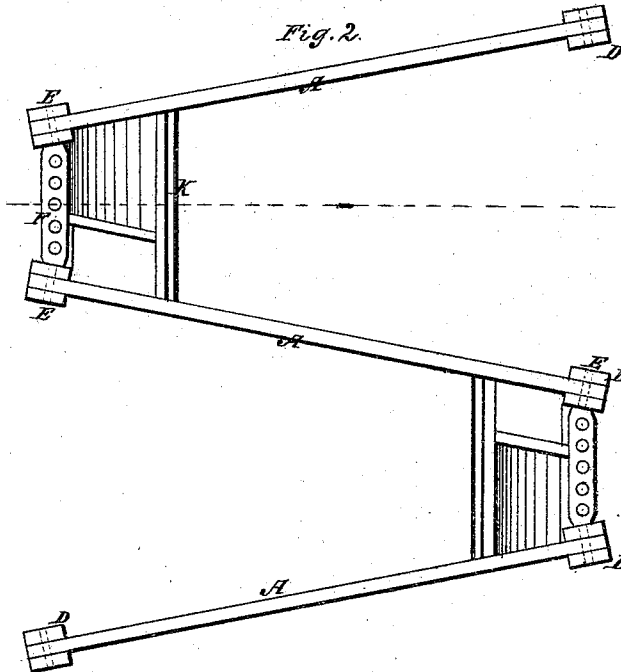


Fig. 2.



Witnesses:

C. H. H. H.
Wm. H. C. Smith.

Inventor:

J. M. Denison.

PER

Wm. H. C. Smith.
Attorneys.

United States Patent Office.

DANIEL M. DENISON, OF SAVANNAH, GEORGIA.

Letters Patent No. 113,637, dated April 11, 1871.

IMPROVEMENT IN STALLS FOR HORSES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, DANIEL M. DENISON, of Savannah, in the county of Chatham and State of Georgia, have invented a new and useful Improvement in Stalls for Horses; 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 drawing forming part of this specification.

This invention relates to improvements in stalls for horses; and

It consists in two or more stalls, having sides of boards, slats and posts connected to an end part at the head, in which racks and a feeding-trough are placed, the sides being arranged oblique to each other, and each alternate stall reversed, so that the sides between stalls are connected at each end to one head part, and thereby constitute self-sustaining stalls, which may be placed on the ground or floor without other support, and the sides and ends are to be detachably connected together, so that they may be readily set up or taken down.

Figure 1 is a sectional elevation of my improved stall, and

Figure 2 is a plan view.

Similar letters of reference indicate corresponding parts.

The sides A of the stalls are made in panels of boards B, slats C, and posts D, attached together permanently, and provided with holes at the ends for the tenons E of cross-pieces F for connecting them at the head, said tenons being made oblique to the longitud-

inal axis of the said pieces to admit of the sides diverging from each other rearward, as shown in fig. 2, and they are fitted so as to be readily detached. The said cross-pieces may be connected to the sides by any other suitable means.

I make a permanent rack, G, between the two upper cross-pieces F, and below it a pivoted one, H, the latter being to afford ready access for supplying or removing feed, and below this I arrange a door, I, pivoted at the top, and forming, together with the oblique board K, the feed-trough.

This board K rests at the lower edge on the lower cross-piece, and is provided with a tenon, L, at each end of the upper edge for entering the boards B of the sides for its support, and for bracing the sides of the stall.

These stalls afford ready access to the animals for feeding without the attendant being required to go inside. They may be made very cheaply, and do not obstruct the circulation of air.

Having thus described my invention,

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

The sides A, cross-pieces F, fixed rack G, pivoted rack H, swinging door I, and oblique board K, all combined and arranged for the purpose of forming alternately-reversed stalls, as specified.

DANIEL M. DENISON.

Witnesses:

JOHN FEELY,
SIGMUND ELSINGER.