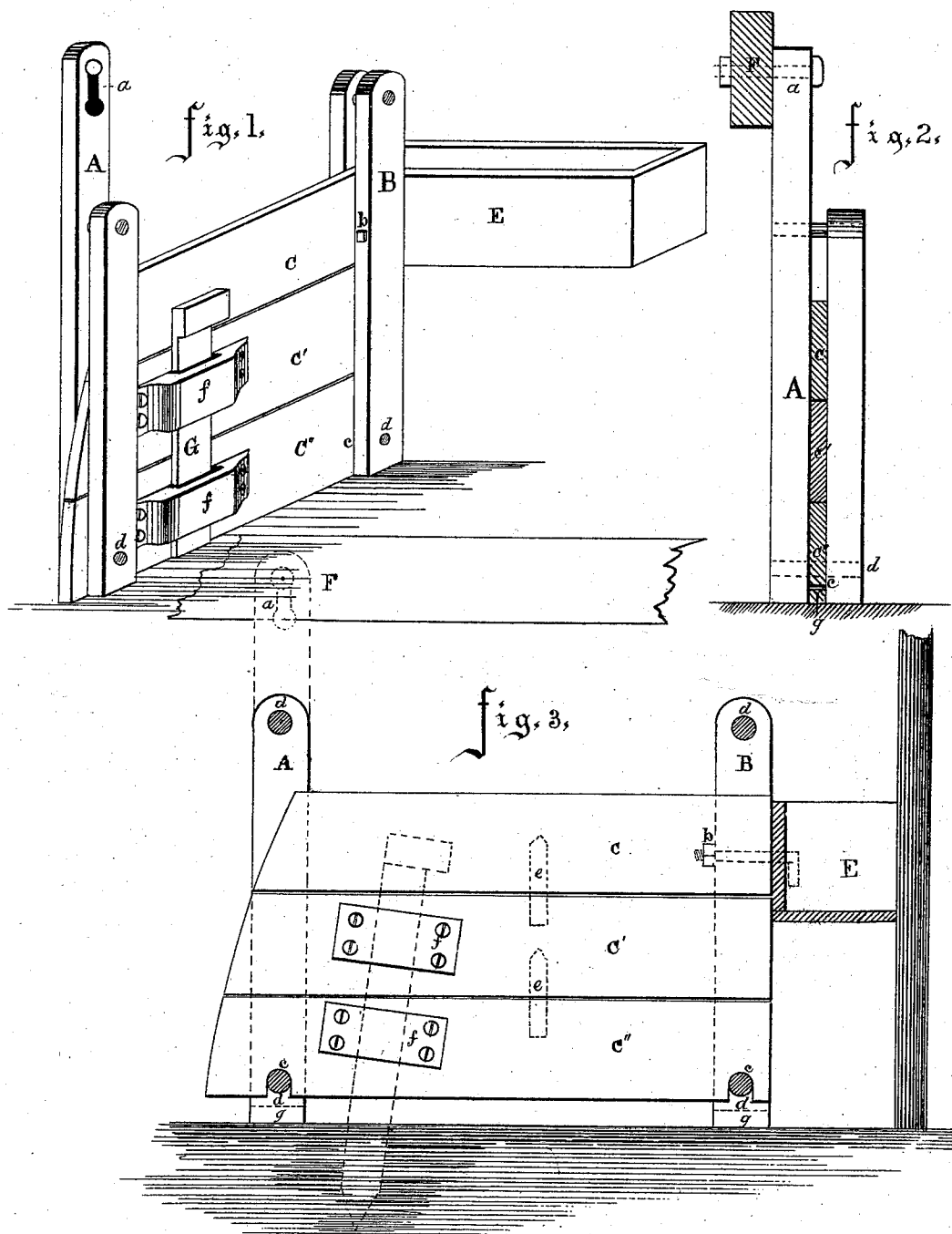


J. W. ADAMS.
Portable Stalls for Horses.

No. 144,304.

Patented Nov. 4, 1873.



Attest

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UNITED STATES PATENT OFFICE.

JOHN W. ADAMS, OF ROCKVILLE, INDIANA.

IMPROVEMENT IN PORTABLE STALLS FOR HORSES.

Specification forming part of Letters Patent No. **144,304**, dated November 4, 1873; application filed September 27, 1873.

To all whom it may concern:

Be it known that I, JOHN W. ADAMS, of Rockville, Indiana, have invented a new and useful Improvement in Portable Stable-Stalls, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is an end view of same; Fig. 3, details referred to.

My invention relates to portable stalls for horses; and consists in the construction and arrangement of the several parts of a stall so as to enable a person to take it down, remove it, and put it up quickly and at little cost.

To enable others skilled in the art to make and use my invention, I will proceed to describe the manner in which I have carried it out.

A and B are double upright beams secured together by cross-bars *d*, as shown in Figs. 1 and 2. The short beam B is attached to the trough or manger E by suitable bolts through the hole *b*. The double beam A is attached to a joist, F, of a stable by a bolt through the hole *a* in the long arm of the beam, and at a proper distance to admit between the beams the boards C C' C''. The lower board C'' is notched at *c c*, and the notches fit snugly over

the cross-bars *d d*, while the board itself fits between the uprights, forming the double beams, as shown in Fig. 2. The boards C' and C are placed upon the board C'', and are held in place by the dowel-pins *e e*. On the side of the boards C' and C'' I secure the catches *f f*, and through the catches I pass the sliding strip G, the head of which rests against the top board C, and holds it in position. The strip may be sufficiently long to be driven a short distance into the earth to steady and secure the stall. When it is desired to place my portable stall in a stable having a floor, it may be held in place by the piece of board nailed to the floor, and fitting in between the uprights forming the double beams, as at *g*, Figs. 2 and 3. A stall thus constructed is cheap, easily put up, and readily removed from place to place, as occasion may require.

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

A portable stable-stall constructed as described, and consisting of the double upright beams A and B and the boards C C' C'', with their fastenings, substantially as set forth.

JOHN W. ADAMS.

Witnesses:

CHRISTIAN STINEHART,
DAVID STROUSE.