

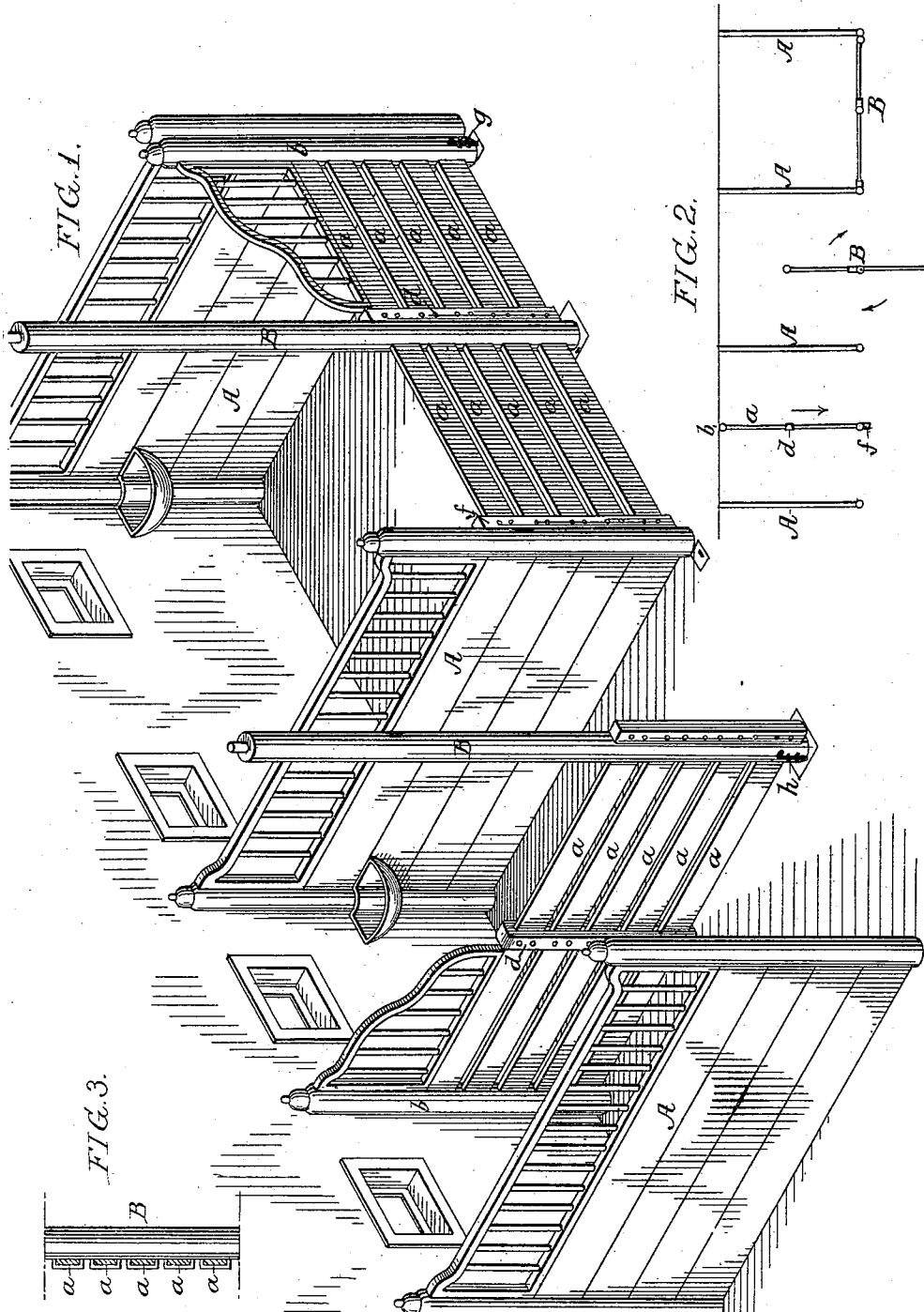
(No Model.)

G. F. DAVIS.

COMBINED PARTITIONED AND BOX STALL FOR STABLES.

No. 447,561.

Patented Mar. 3, 1891.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

GEORGE FRANKLIN DAVIS, OF COLLINGSWOOD, NEW JERSEY.

## COMBINED PARTITIONED AND BOX STALL FOR STABLES.

SPECIFICATION forming part of Letters Patent No. 447,561, dated March 3, 1891.

Application filed October 9, 1890. Serial No. 367,564. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE FRANKLIN DAVIS, a citizen of the United States, and a resident of Collingswood, Camden county, New Jersey, have invented certain Improvements in a Combined Partitioned and Box Stall for Stables, of which the following is a specification.

The object of my invention is to provide simple and efficient means for readily converting the narrow or partitioned stalls of a stable into large box stalls, or vice versa; and this object I attain in the manner hereinafter set forth, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view illustrating my invention, and representing a pair of narrow or partitioned stalls and by the side of the same a large box stall. Fig. 2 is a diagram illustrating the method of transforming narrow partitioned stalls into a box stall, or vice versa; and Fig. 3 is a view illustrating a modification of my invention.

It is desirable in many cases to so construct the stalls in a stable that they can be used either as ordinary narrow partitioned stalls or as large box stalls; and with the view of attaining this object I provide a stall partition which can be readily shifted from its position between two narrow stalls and adjusted to a position across the ends of said stalls, so as to transform them into a single box stall.

In the drawings, A represents permanent partitions separating the stalls in a stable, these partitions being located at a distance apart equal to the width of two ordinary or narrow stalls. Midway between these partitions, at the gangway ends of the stalls, however, is a post B, which is mounted so as to be capable of turning in a suitable block or support upon the floor of the stall or stable, this post also, by preference, extending up to a beam, floor, or ceiling above the stall and being likewise pivoted at its upper end so as to be properly supported.

To slots or mortises in each of the posts B are adapted the rails *a* of the partition structure for the stall, this structure consisting in the present instance of said rails *a*, a post *b*, and vertical bars or strips *d* and *f*, connecting

the series of rails *a*, the bar *f* being applied to those portions of the rails *a* which project through and extend beyond the post B when the partition structure is adjusted so as to separate the stalls, as shown at the left-hand side of Figs. 1 and 2.

When it is desired to remove the partition structure and transform the two narrow stalls into a single box stall, said partition is first moved longitudinally by sliding the rails *a* through the mortises in the post B until said partition projects for about half its length beyond said post, as shown at the central portion of Fig. 2. The post and the partition carried thereby are then turned in the direction of the arrow, so as to swing the partition across the end of the stall, as shown at the right-hand side of Figs. 1 and 2, thereby forming a single large stall closed on all four sides.

The post *b* is provided with a locking-bolt *g* for securing it when it is adjusted to either of its positions, and for additional security the post B may likewise be provided with a locking-bolt *h* for the same purpose.

My invention provides an extremely cheap and simple form of changeable partition, which can in a few moments and with but slight effort be shifted from one position to the other, and it can be readily applied to stables as at present constructed, no expensive fixtures being required.

In carrying out my invention it is not absolutely necessary that the outer bar *f* for connecting the rails of the partition should be used in all cases, although its use is preferred as a means of staying and bracing the structure when the latter is adjusted to the position for closing the end of the box stall; nor is it necessary in carrying out my invention that the rails of the partition should be adapted to mortises formed in the pivot-post, as said rails may be adapted to suitable staples or hangers upon the outside of the post, as shown, for instance, in Fig. 3. A solid partition may also in some cases be used in place of the slatted partition, and the partition may slide in a single mortise or hanger on the pivot-post.

All of the partitions between the stalls may be constructed in accordance with my inven-

tion, if desired, so that any one of the partitions may be shifted and a box stall thus formed at any desired point in a row of stalls.

Having thus described my invention, I claim and desire to secure by Letters Patent—

1. The within-described stall-partition and box-stall inclosure for stables, the same consisting of a pivot-post located at the end of the stall and carrying a partition structure which is free to slide for a portion of its length in respect to said pivot-post, substantially as specified.

2. The within-described stall-partition and box-stall inclosure for stables, the same consisting of a mortised pivot-post located at the end of the stall, and a partition structure carried by said post and free to slide through the mortised portion of the same, substantially as specified.

3. The combination of the pivot-post at the gangway end of the stall, a slatted partition, the rails of which are free to slide in guides on said pivot-post, and bars whereby the rails

are connected together in front and rear of said post, substantially as specified.

4. The combination of the pivot-post and a partition structure carried by said post, but free to slide in respect to the same for a portion of its length, and means for locking said partition structure in either of its two positions, substantially as specified.

5. The combination of permanent partitions separating a series of stalls with movable partitions, each consisting of a pivot-post midway between said permanent partitions, at the gangway end of the stall, and a partition structure carried by said post, but free to slide in respect to the same for a portion of its length, substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE FRANKLIN DAVIS.

Witnesses:

EUGENE ELTERICH,  
HARRY SMITH.