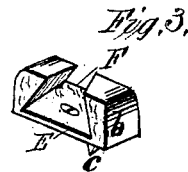
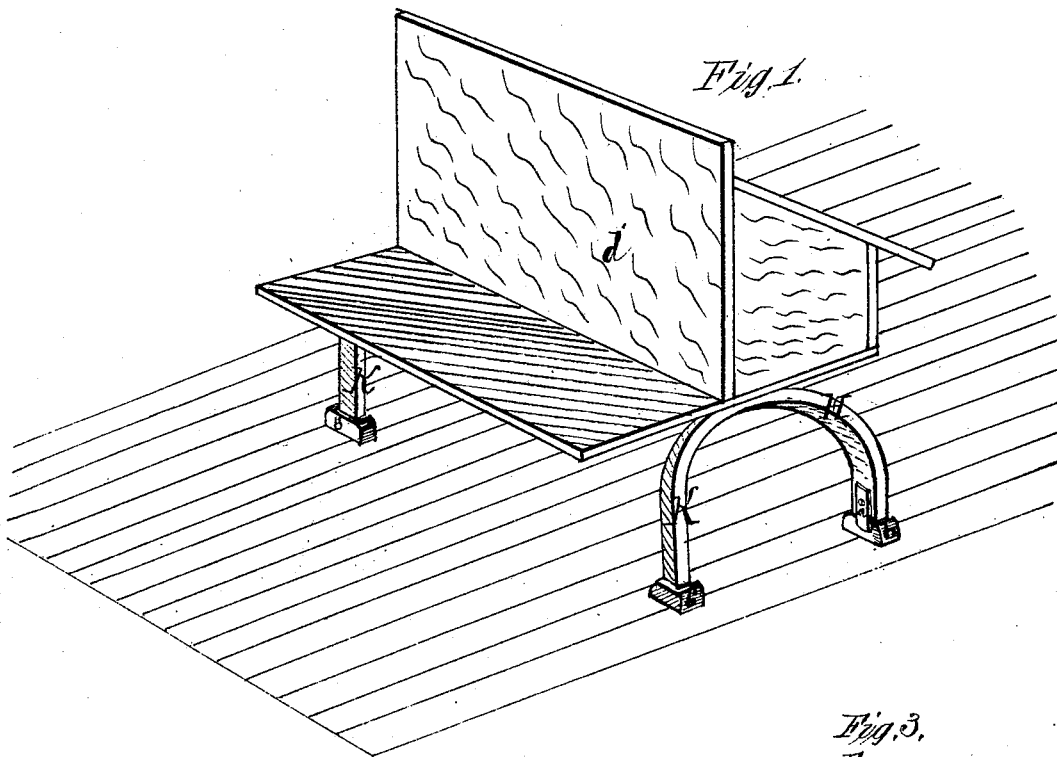


J. D. McAuliff,

Seat Fastener.

No. 10,9031.

Patented Nov. 8, 1870.



Wm. M. Geeser
Henry B. Bailey
Witness.

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JOHN D. McAULIFF, OF ST. LOUIS, MISSOURI.

Letters Patent No. 109,031, dated November 8, 1870; antedated October 28, 1870.

IMPROVEMENT IN DEVICES FOR FASTENING DESKS, SEATS, &c., TO FLOORS.

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, JOHN D. McAULIFF, of the city and county of St. Louis, State of Missouri, have invented a new and useful Improvement in Fastening Seats, and Benches, and Desks, to Floors; and I do hereby declare the following to be a full and exact description of the same, reference being had to the annexed drawing and letters of reference marked thereon.

Figure 1 in the drawing shows a perspective view of my invention as applied to a common desk and seat.

Figure 3 shows an internal view of the slot made to receive the foot of the desk.

Figure 2 shows an internal view of the slot made to receive each alternate foot in a line in which the seat or desk is drawn.

The object of my invention is to furnish seats and desks with dovetail slotted pieces, to hold them permanently to the floor, and to enable one to readily remove them at pleasure.

In fig. 1, *a* is a button screwed onto the inside of the leg H; and

b is a base, made of metal, with an inclined dovetail slot, as seen in fig. 3, made to receive the foot of the leg H.

b' is a base, made of metal, with an inclined dovetail slot, not running clear through the base *b*, made to receive the foot of the leg K.

E, fig. 3, is a screw, running through the bottom of the base *b*, and used to fasten the same to the floor.

c, fig. 3, is a teat or projection from the bottom of the base *b*, and is used to hold the base *b* permanently

in its place when screwed down. The same is on all the bases.

I screw the base *b* to the floor, where I wish to set my desk, and the slot F, being constructed dovetailed, and inclining from the side of the base *b*, and starting from a level with the floor, it will readily admit of the foot of the leg H being slipped into it, said foot being made to fit it.

I place the base *b'*, which has a dovetailed and inclined slot, F', from the side of base *b*, commencing on a level with the floor, where I wish the leg K to be placed, to receive the foot of the same. This slot, as seen by fig. 2, does not run clear through the base *b'*, but has a back to it, so as to prevent the seat or desk- feet from wearing or slipping through.

I place the bases *b* and *b'* on every alternate leg in a line in which I wish to move the seat; for instance, if I wish to construct the seat so I can draw the seat to the rear, I place base *b* on the foot of leg H, and *b'* on the foot of leg K. If I wish to draw the desk endwise, I put base *b* under the foot of the leg K, and base *b'* under the foot in front of it; then I can slip the feet in and fasten with button *a*.

What I claim as my improvement in securing desks, tables, &c., to floors, is—

The legs, so constructed as to fit in the dovetailed pieces *b* and *b'*, securely attached to the floor, and the legs held in place by the buttons *a*, when all the parts are constructed and arranged as herein described.

J. D. McAULIFF.

Witnesses:

WM. M. ECCLES,

HENRY B. O'REILLY.