

J. A. ALTHOUSE.
Carriage-Seats.

No. 146,797.

Patented Jan. 27, 1874.

Fig. 1.

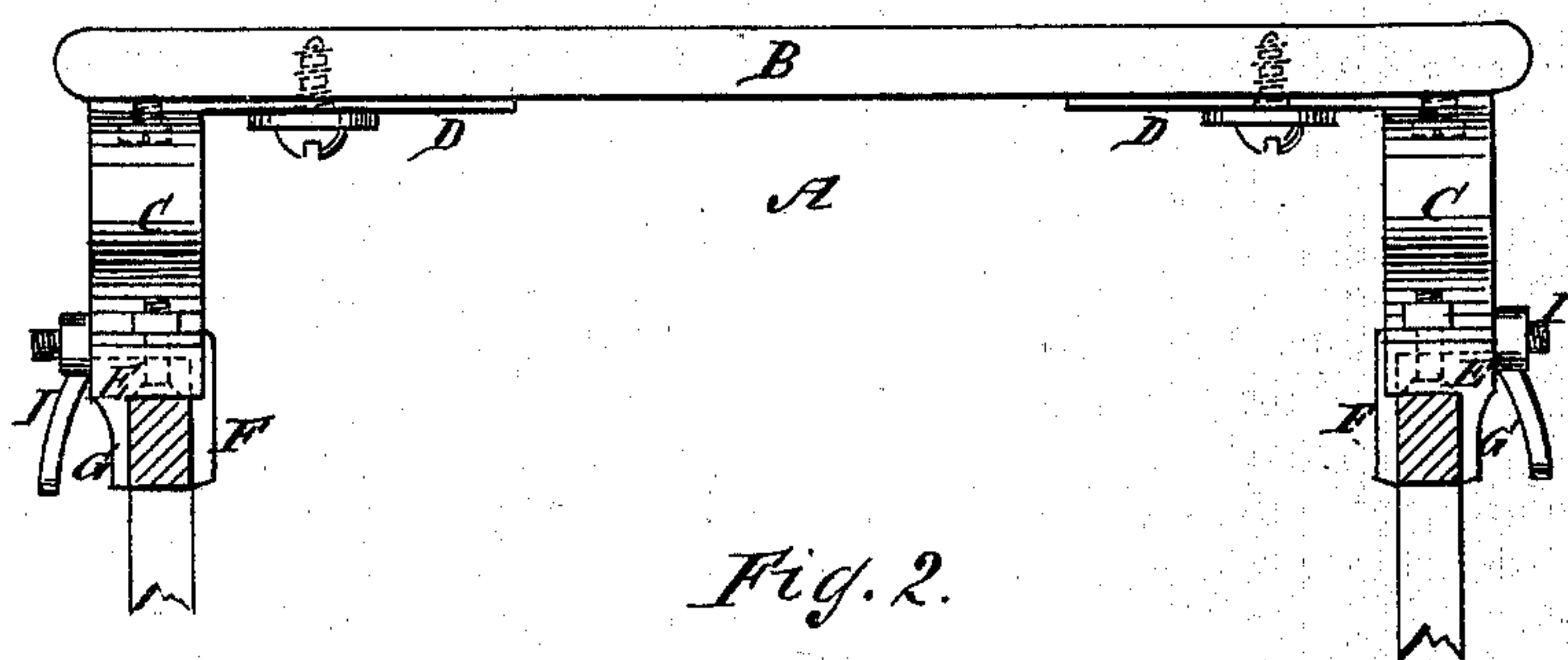


Fig. 2.

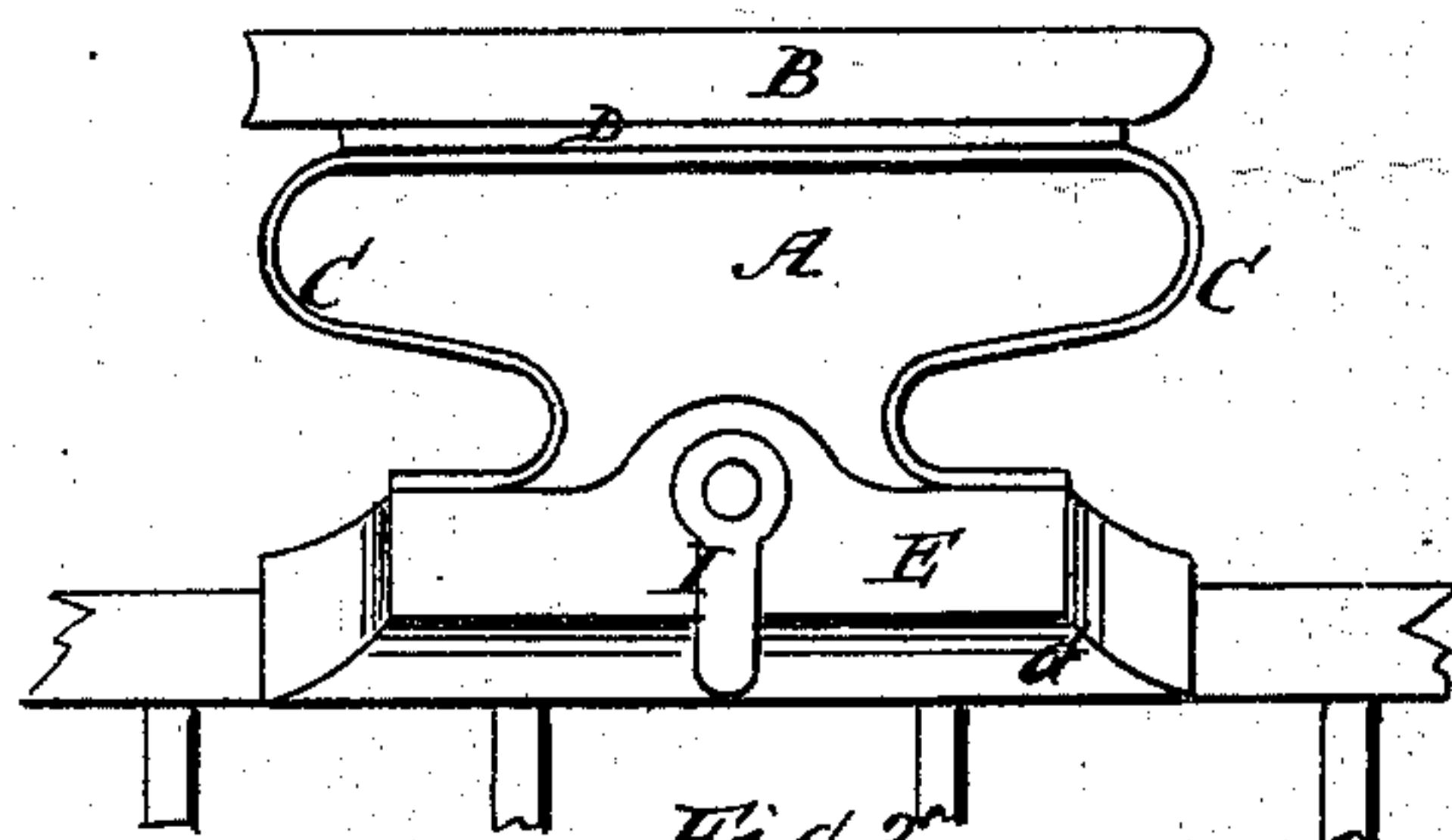
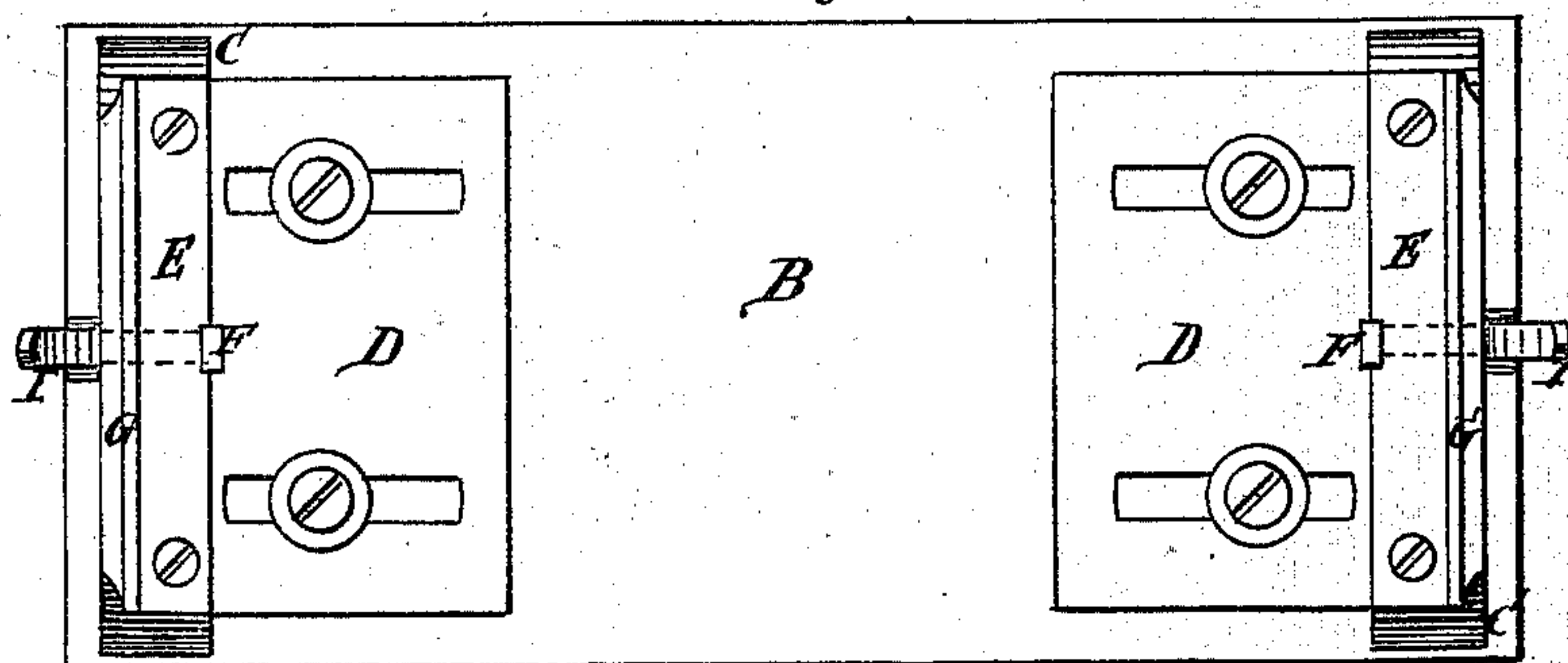


Fig. 3.



WITNESSES.

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JOHN A. ALTHOUSE, OF NEW HARMONY, INDIANA.

IMPROVEMENT IN CARRIAGE-SEATS.

Specification forming part of Letters Patent No. **146,797**, dated January 27, 1874; application filed October 25, 1873.

To all whom it may concern:

Be it known that I, JOHN A. ALTHOUSE, of New Harmony, in the county of Posey and State of Indiana, have invented a new and useful Improvement in Adjustable Wagon-Seats, of which the following is a specification:

This invention relates to the construction of seats for wagons; and consists in making the seat adjustable so as to fit wagons of different widths, and also in the manner of fastening the seat to the sides of the box, and in the arrangement of the seat-springs.

In the accompanying drawing, Figure 1 is a front view. Fig. 2 is an end view. Fig. 3 is a view of the under side, showing the manner in which the seat is made longer or shorter.

Similar letters of reference indicate corresponding parts.

A is the seat, consisting of the seat proper B, which may be a piece of board or plank of suitable length and width, two springs, C C, one or more slotted adjusting-plates, D, two clamping-blocks or bed-pieces, E E, and clamping screw-hooks F F. The bed-pieces E E are rabbeted, so that when they rest upon the top edges of the wagon-box the joints are covered by flanges G G. The springs are made of sheet steel, of suitable width and thickness, bent to the form seen in Fig. 2, the ends being brought to a position parallel with seat B. The top parts of the springs are straight, and attached to the adjusting-plates by bolts or rivets. The

adjusting-plates D D are attached to the seat B by screws or bolts, which pass through the slots H H. These slots allow the plates, springs, &c., to be moved outward or inward, as may be required, for adapting the seat to wagon-boxes of any ordinary width. The ends of the springs are attached to the bed-pieces E E, and the latter, as before stated, rest upon the edges of the side boards of the wagon-box. The clamping screw-hooks F F pass through the bed-pieces and hook onto the inner sides of the side boards, and are tightened thereto by means of the lever-nuts I I on the outside.

These seats being adapted to boxes of all widths, are an article complete in themselves, and may be manufactured and kept on hand for sale by wagon-makers or others.

The seat may be made with one end only adjustable, but I prefer the arrangement shown, as the seat appears more symmetrical when both ends are made adjustable.

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

An adjustable wagon-seat, comprising the seat-board B, laterally-adjustable plates D, springs C, and bed-pieces E E, combined substantially as shown and described.

JOHN A. ALTHOUSE.

Witnesses:

LOUIS F. RUCHTI,
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