

A. B. LAWLER.
Wagon-Seat.

No. 207,812.

Patented Sept. 10, 1878.

FIG. 1.

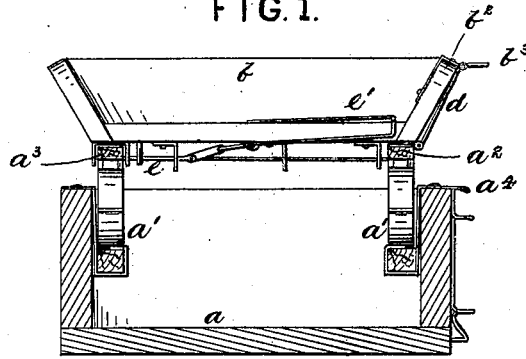


FIG. 2.

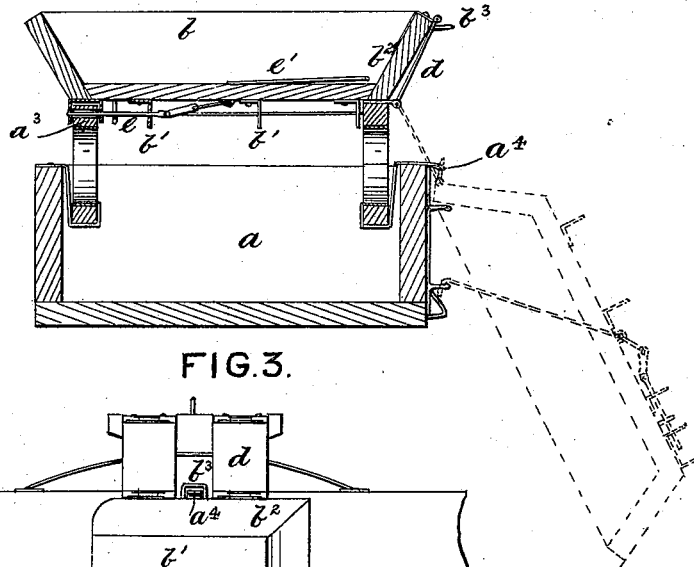
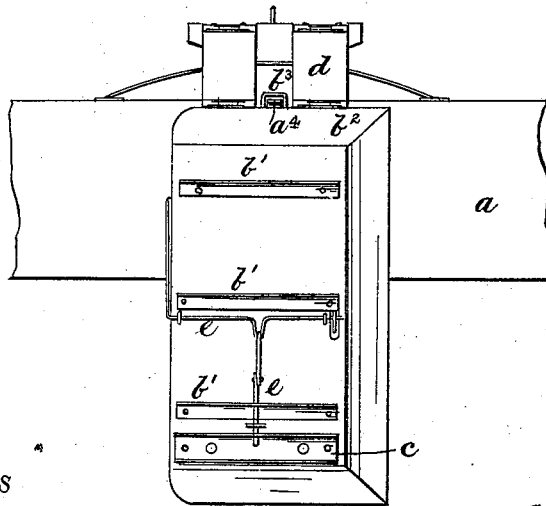


FIG. 3.



WITNESSES

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A. BROWN LAWLER, OF FREDERICKVILLE, ILLINOIS.

IMPROVEMENT IN WAGON-SEATS.

Specification forming part of Letters Patent No. 207,812, dated September 10, 1878; application filed June 24, 1878.

To all whom it may concern:

Be it known that I, A. BROWN LAWLER, of Frederickville, in the county of Schuyler and State of Illinois, have invented certain new and useful Improvements in Wagon-Seats; 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 which it pertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

This invention has for its object to provide a seat for farm-wagons and other vehicles which may be converted into a step-ladder.

It consists in having the seat provided on its under side with a series of steps, and having one end hinged to the side of the box or wagon-bed, so that it may readily be turned over, so as to bring the opposite end near to the ground.

It consists, further, in a brace and locking device, all of which will be hereinafter fully explained.

In the drawings, Figures 1 and 2 are cross-sections of a wagon-box, and Fig. 3 a side elevation thereof, having my improvements attached thereto.

a is the box, in which are placed the seat-springs $a^1 a^1$, having the supporting-bars $a^2 a^2$, of ordinary construction. b is the seat. It is provided on its under side with a series of steps, b^1 , arranged at suitable distances apart, and a clamp, c , on one end, to fit down over the block a^3 , or over the upper edge of the box, to give steadiness and firmness to its position.

The seat has its end opposite to the clamp c hinged to the spring-block a^2 , or to the upper edge of the box a , so that it may be turned over and down to the ground, as shown in dotted lines in Fig. 2.

When springs which set up above the top of the box are employed, as shown in the drawings, a connecting link or strap, d , is provided,

having one end hinged to the block a^2 , and the other end hinged to the upper edge of the end-board b^2 of the seat b . This permits the seat to be brought down to the ground, as shown clearly in Fig. 2.

The seat is locked in position on the box a , or on the spring-bars $a^2 a^2$, by a sliding bolt, e , supported in suitable bearings on the under side of said seat, connected with and operated by a crank-lever, e' , which is bent around to the upper side of the bottom board, so that it may be readily taken hold of, and so that the persons sitting on the seat will hold it firmly in place. The bolt enters a recess in the side of the box or in the side of the bar a^3 .

Crank-lever e' , when the seat is converted into a step-ladder, serves as a brace to the seat, its end being supported by a suitable bearing on the side of the box a .

In order to give greater firmness in position, I provide the seat with a small loop or projection, b^3 , which catches under a projection, a^4 , on the box a .

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

1. In combination with the wagon-box, the seat b , having a series of steps, b^1 , on its under side, and hinged to said wagon-box, so that it may be turned over and down to the ground, substantially as and for the purposes set forth.

2. The combination, with the seat b , hinged to the wagon-box, as described, of the bolt e and crank-lever e' , as and for the purposes set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

A. BROWN LAWLER.

Witnesses:

R. I. PHILIPPI,
JOHN HUSTED.