

W. G. SAVAGE.

WAGON-SEAT.

No. 179,870.

Patented July 18, 1876.

Fig. 3.

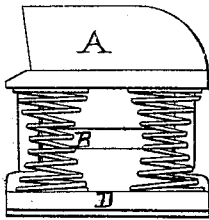


Fig. 1.

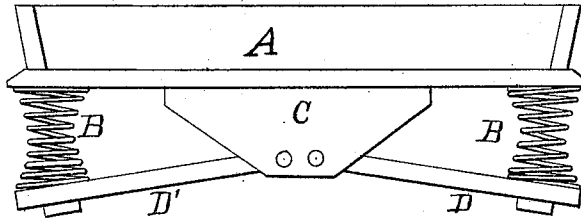
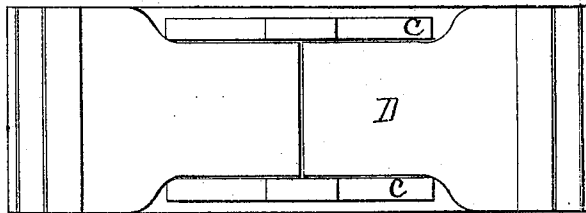


Fig. 2.



WITNESSES:

W. K. M. M. M.
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INVENTOR.

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UNITED STATES PATENT OFFICE.

WILLIAM G. SAVAGE, OF CLINTON, ILLINOIS, ASSIGNOR OF ONE-HALF HIS
RIGHT TO FENTON H. BOGAR, OF SAME PLACE.

IMPROVEMENT IN WAGON-SEATS.

Specification forming part of Letters Patent No. **179,870**, dated July 18, 1876; application filed
November 15, 1875.

To all whom it may concern:

Be it known that I, WILLIAM G. SAVAGE, of Clinton, in the county of De Witt 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, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The same letters and figures of reference are used to indicate the corresponding parts.

After describing the invention, its nature and extent will be shown in the claims.

Figure 1 is a front view of my device. Fig. 2 is a bottom view of the same, and Fig. 3 is an end view.

The object of my invention is to furnish a wagon-seat which shall dispense with the many objections found in seats of this class, and add some features which will render the same rigid, and prevent it from being tipped too easily over, and keep the springs from being easily displaced.

The wagon-seat proper is designated by the letter A, and situated under each of its four corners is a coiled or other suitable spring, B, fastened to the part A by suitable staples, or otherwise. Attached to the seat, under it, in front and in the rear of the same, are two supporting-brackets, C, and pivoted between these are the two inner ends of two hinged boards or braces, D D'. These boards are made wide, and project laterally to about the length of the seat proper, and furnish a broad and unyielding base for the support of the seat from forward and backward rocking or tipping. The coiled springs B are seated upon these boards at their four outer corners between the seat and boards, and serve not only

to brace and carry the seat, but sustain and guide the springs as they are worked by the weight of a person or persons sitting at different points upon the seat A. As the boards are wide, and held at both the inner and outer ends from yielding or tipping forward or backward, the seat A is correspondingly held from such undue movements. The only yielding or springing action of the seat is therefore vertical, either downward bodily or at one of the ends. It will therefore be seen that it matters not at what point upon the wagon-seat proper the person sits or the weight is placed, the springs act uniformly, and the brace-boards yield, giving a supplemental springing action.

I am aware that wagon-seats have hitherto been used with forked arms and friction-rollers moving in guide-plates at one end of the arms, and with helical springs at the other end of said arms. But this has only the spring in common with my invention. The forked arms must be made of metal, and the friction-rollers move in an oblong slot; and I make no claim to such a wagon-seat.

My invention is simpler, more economical, and therefore shows a patentable difference in view of the state of the art.

What I claim, and desire to secure by Letters Patent, is—

The seat A, provided with the triangular brackets, in combination with the brace-boards, independently or separately pivoted thereto, and the springs B, having substantially the construction and combination as specified and shown.

In testimony that I claim the foregoing I have hereunto set my hand this 19th day of October, 1875.

WILLIAM G. SAVAGE.

Witnesses:

D. MCARTHUR,
STEPHEN K. CARTER.