

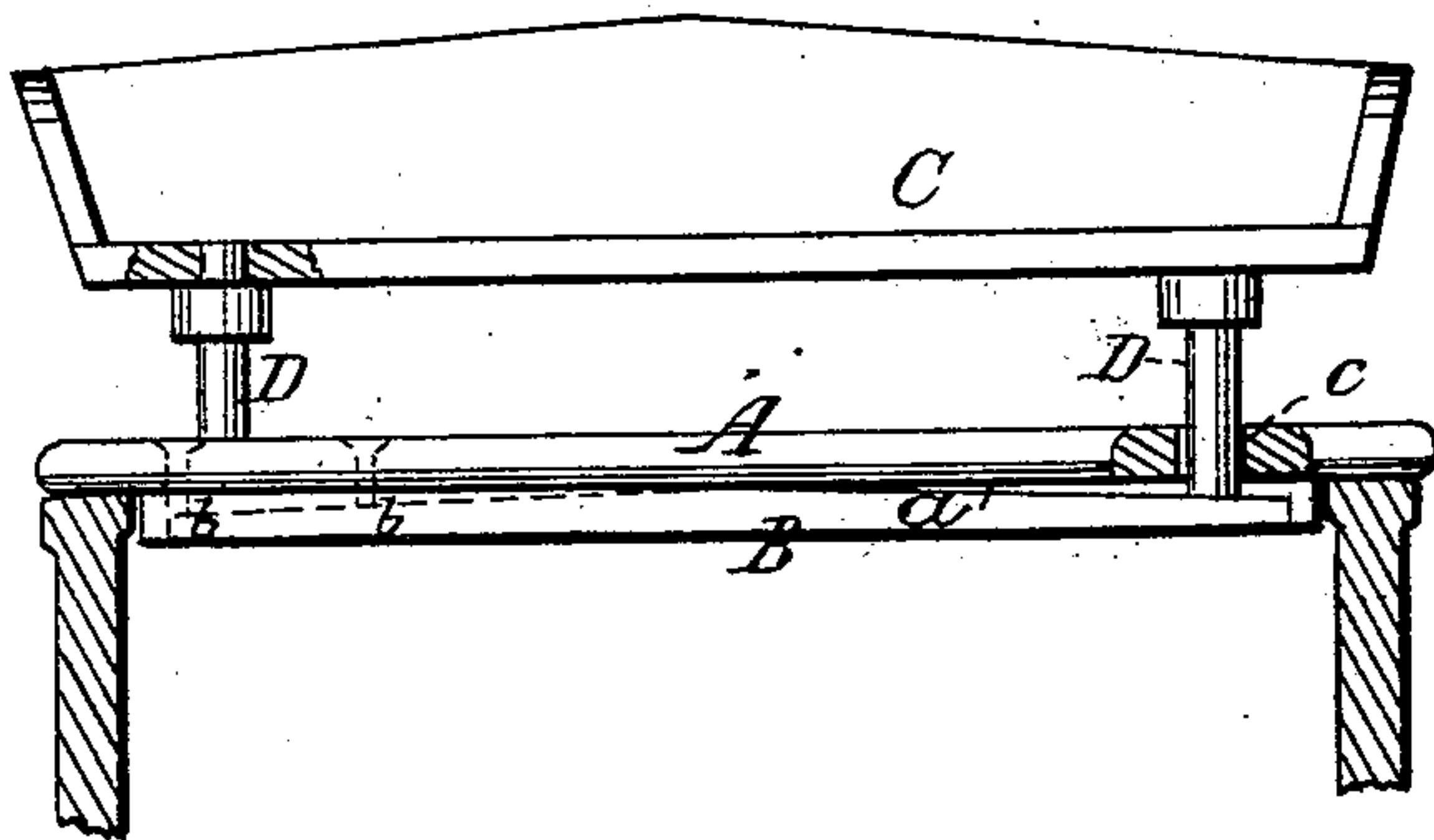
R. N. ROCKWELL.

Wagon-Seat.

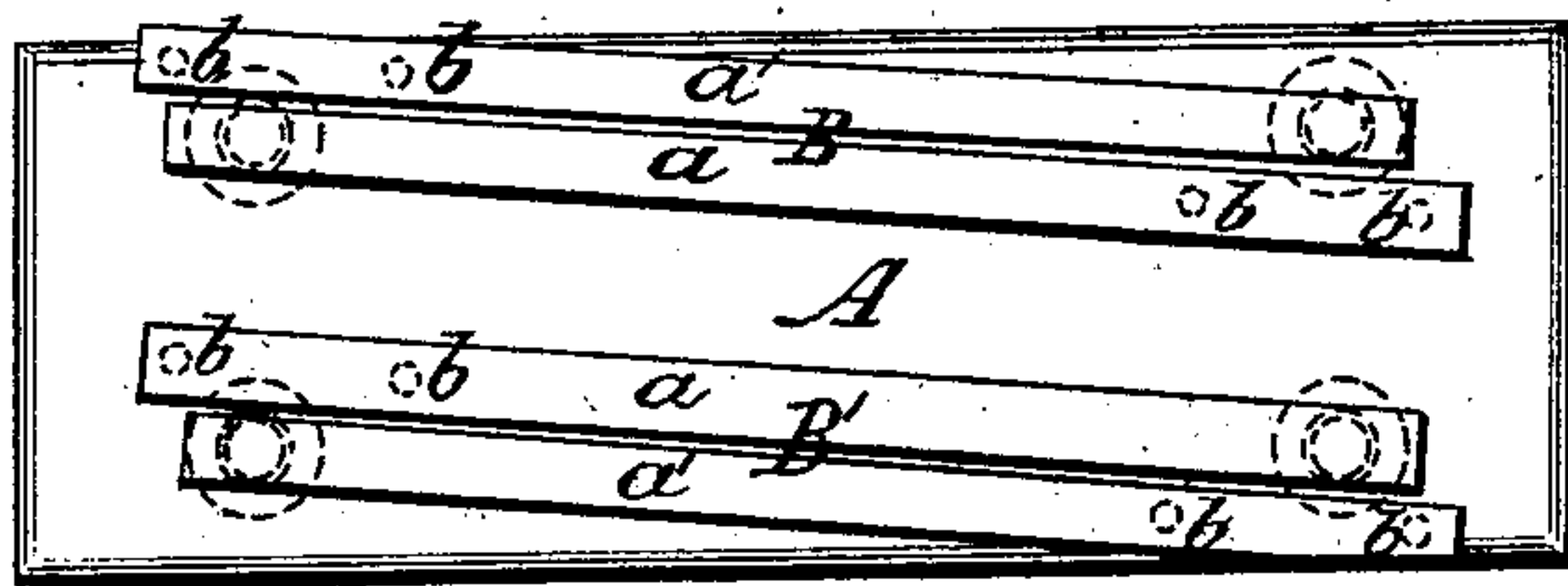
No 70,619.

Patented Nov. 5, 1867.

*Fig. 1.*



*Fig. 2.*



*Witnesses.*  
*Theo. Insche.*  
*J. Alison Fraser.*

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*R. N. Rockwell.*  
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# United States Patent Office.

R. N. ROCKWELL, OF GLENWOOD, IOWA.

*Letters Patent No. 70,619, dated November 5, 1867.*

## IMPROVEMENT IN WAGON-SEAT.

*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, R. N. ROCKWELL, of Glenwood, in the county of Mills, and State of Iowa, have invented a new and useful Improvement 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 make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention relates to a novel application of springs to a wagon-seat, more especially designed for the seats of lumber and business-wagons.

The object of the invention is to obtain, by a very simple and economical means, a spring-seat, which will not, in the application of the springs, interfere in the least with any of the parts of the wagon, or the load which may be placed thereon. In the accompanying sheet of drawings—

Figure 1 is a front view of my invention, partly in section.

Figure 2 an inverted plan of the same.

Similar letters of reference indicate like parts.

A represents a board or plank, which is permanently secured to the wagon, or attached thereto so that it may be readily removed at will, in the same manner as the bottom of an ordinary wagon-seat. To the under side of the board or plank A there are attached two pairs of springs, B B'. These springs may be constructed of wood or metal, and composed of one or more pieces each. The spring *a* of each pair is attached at one end, by bolts *b*, to the board or plank, the adjoining springs *a'* being attached at opposite ends to the board or plank, as shown in fig. 2. C represents the seat, the bottom of which is provided with four pendent pins, D, one near each corner or angle of the bottom. These pins pass through holes *c* in the board or plank A, and rest upon the free or disengaged ends of the springs.

By this simple means a very compact spring-seat is obtained, and one in which the springs are entirely out of the way.

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

The board or plank A, with the springs B B' attached, in combination with the pendent pins D, attached to the bottom of the seat C. all arranged substantially in the manner as and for the purpose set forth.

R. N. ROCKWELL.

Witnesses:

H. A. COPELAND,

G. L. WRENWICK.