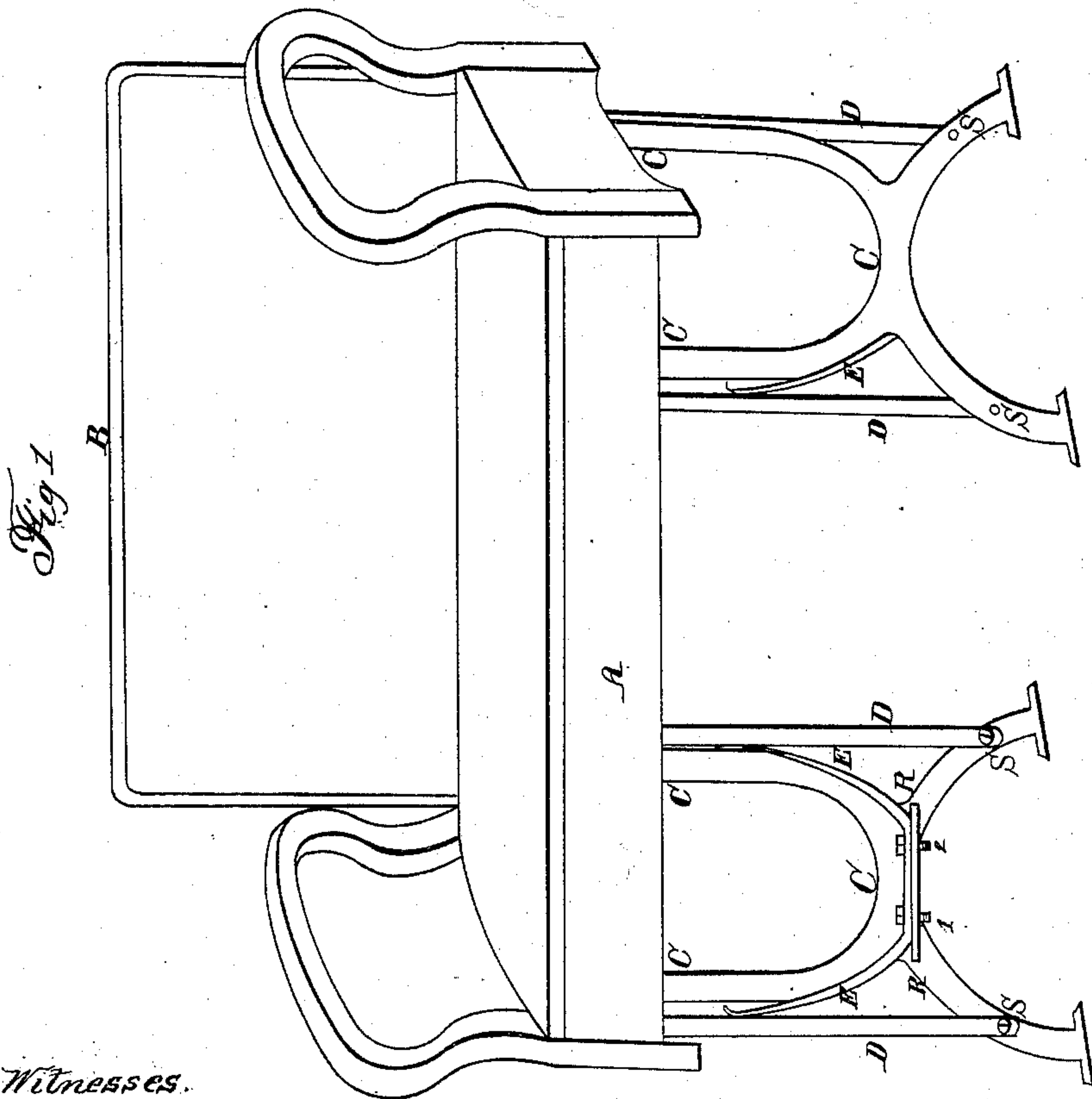
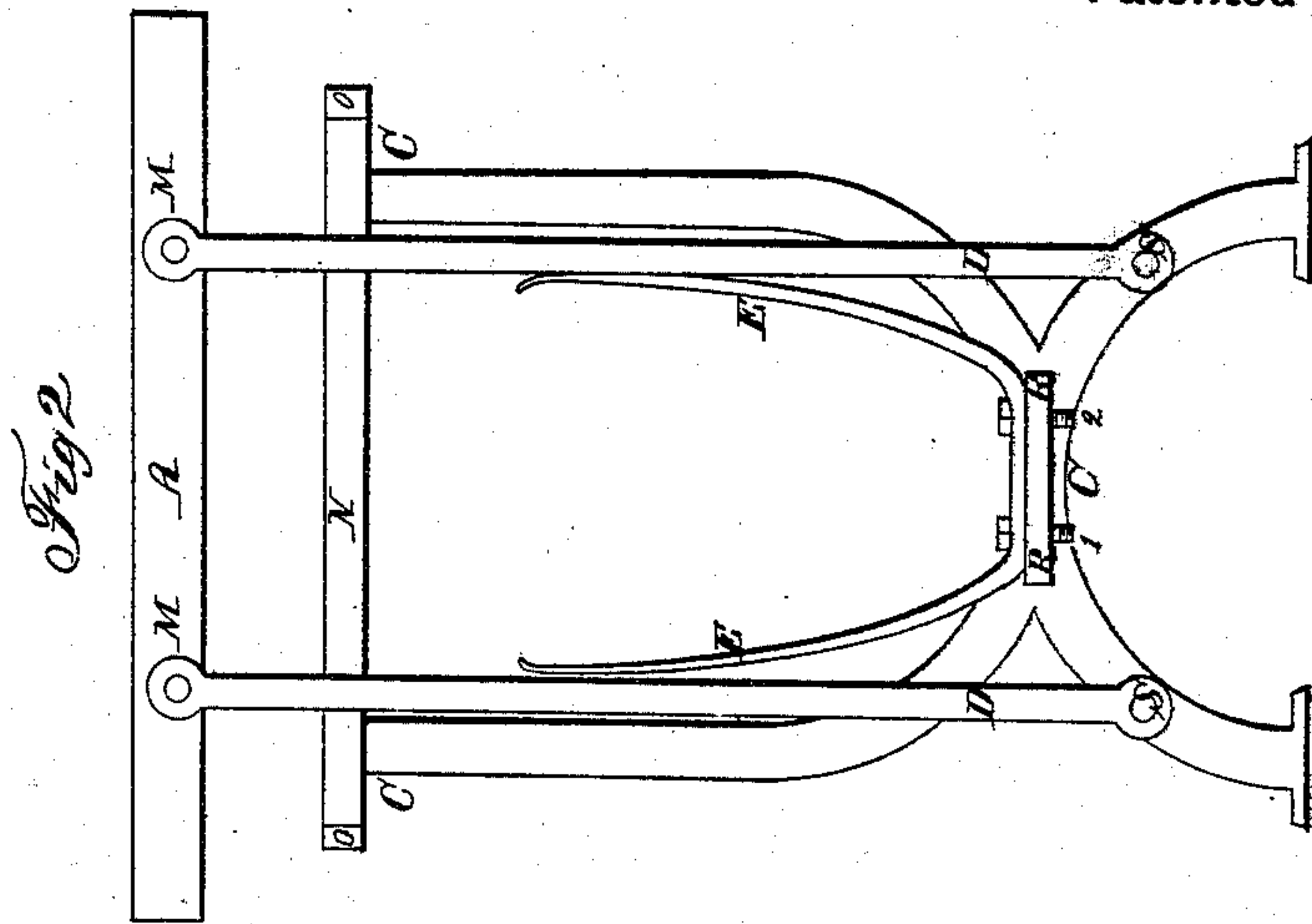


S. B. HOLDEN.

Car Seat.

No. 39,652.

Patented Aug. 25, 1863.



Witnesses.
A. B. Richmond
O. A. Hotchkiss

Inventor
Stephen B. Holden

UNITED STATES PATENT OFFICE.

STEPHEN BRIGGS HOLDEN, OF MEADVILLE, PENNSYLVANIA.

IMPROVEMENT IN RAILROAD-CAR SEATS.

Specification forming part of Letters Patent No. **39,652**, dated August 25, 1963.

To all whom it may concern:

Be it known that I, STEPHEN B. HOLDEN, of Meadville, in the county of Crawford, State of Pennsylvania, have invented a new and Improved Railroad-Car Seat; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and the letters of reference marked thereon.

A is the bottom of my car-seat, (see Figure 1); B, the back of the same, constructed in the usual manner.

C C C C C C are the supports, made of cast-iron, or any other suitable material. On these supports is a flange, R R, to which is bolted the U-shaped spring E E.

D D D D are four supporters, attached to C C C C C C by bolts, (shown at S S S S,) so as to move freely. These supporters pass up above the cross piece N, Fig. 2, and are attached to the seat-frame A by bolts at M M.

O O are two projecting stops to prevent D D from moving farther in either direction than is desired. The spring E E plays on the inside of the supports D D, keeping them in a

perpendicular position, and yet permitting the seat A, which rests entirely on the supports D D D D, to move backward and forward to accommodate itself to the jar or sudden stopping or starting of the car.

Fig. 2 is an end view of one end of my car-seat, better showing the construction of the supports and springs. By this construction the jar felt by the car passing over the ends of the rails is avoided, and also by the sudden stopping and starting the car in coupling.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

The car-seat supported on the supports D D D D, in combination with the spring E E, when the same are constructed as described, or any other construction substantially the same, and which will produce the same results.

STEPHEN B. HOLDEN.

Witnesses:

A. B. RICHMOND,
O. A. HOTCHKISS.