

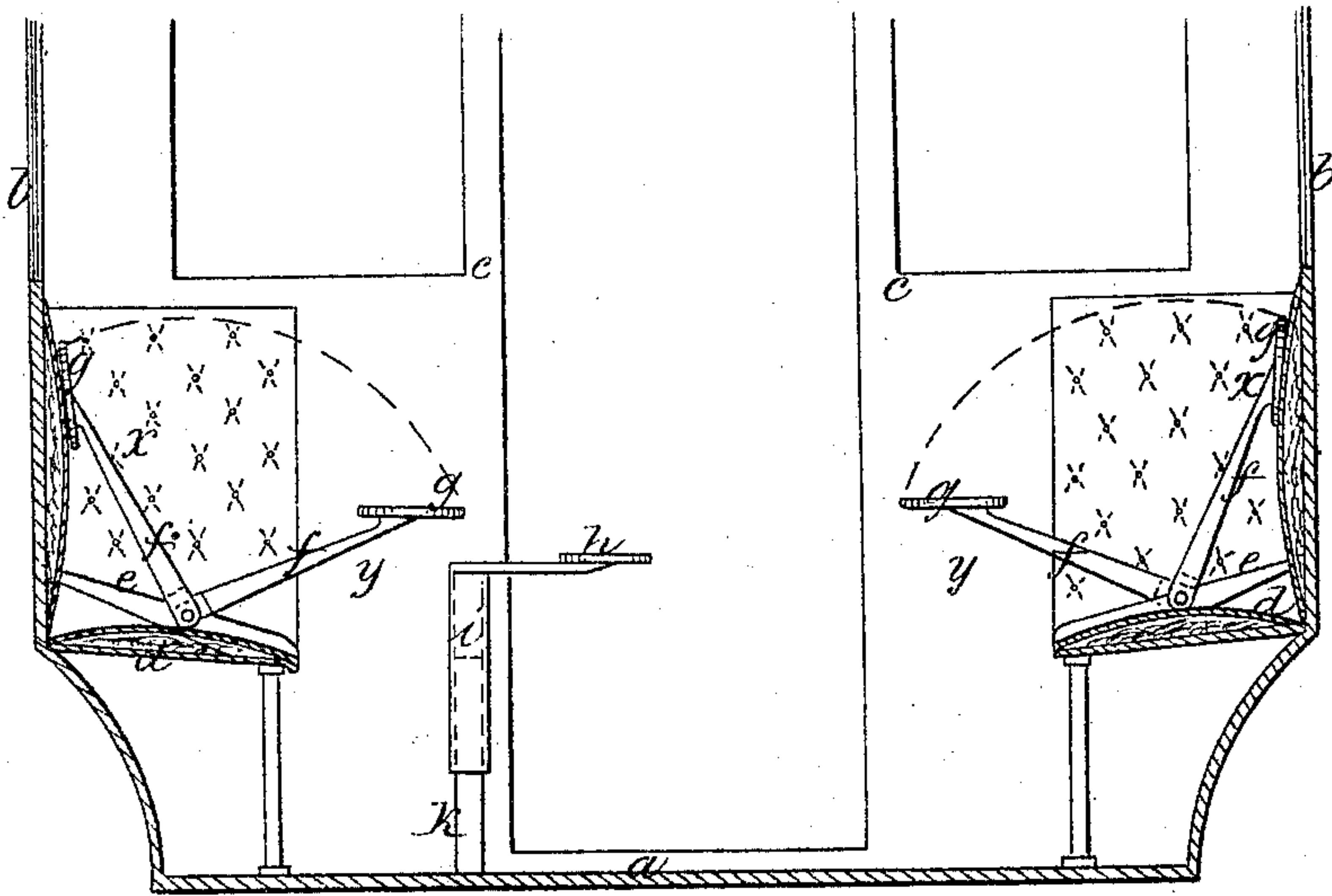
C. B. LASHAR.

Car Seat.

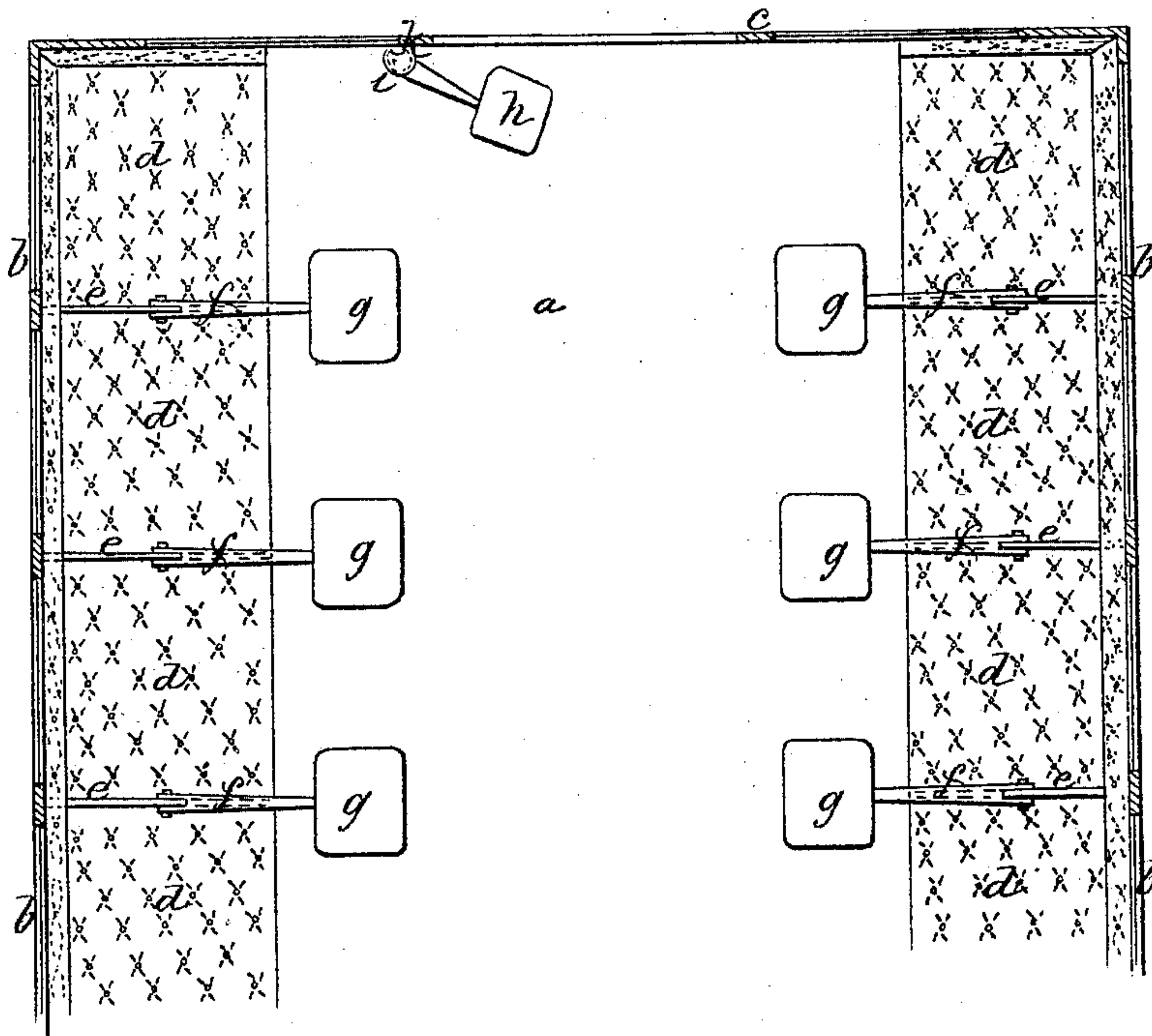
No. 44,536.

Patented Oct. 4, 1864.

*Fig. 2.*



*Fig. 1.*



Witnesses:

*Thos Geo Harold*  
*Chas H Smith*

Inventor:

*C B Lashar*

# UNITED STATES PATENT OFFICE.

CONRAD B. LASHAR, OF NEW YORK, N. Y.

## IMPROVEMENT IN RAILROAD-CAR SEATS.

Specification forming part of Letters Patent No. 44,536, dated October 4, 1864.

*To all whom it may concern:*

Be it known that I, CONRAD B. LASHAR, of the city and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Seats for City Cars; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawings, making part of this specification, wherein—

Figure 1 is a plan representing a portion of a car with my improved seats, and Fig. 2 is a cross-section of the lower portion of a car representing my improved seats.

Similar marks of reference denote the same parts.

In cars for city railroads great difficulty has heretofore been experienced in providing sittings for the numbers that crowd upon such cars. The middle portion of such cars usually has considerable space, but heretofore has never been fitted with seats, because free ingress and egress were necessary.

The nature of my said invention consists in movable seats extending from the side ranges of seats in such a manner that while said side ranges of seats are not interfered with, additional accommodation is afforded by said movable seats, so that those who heretofore had to stand in the middle portion of the car may have a sufficient seat or support for resting against while riding, and for sustaining themselves easily when the car is stopped or started.

In the drawings, *a* represents the bottom; *b* the sides, and *c* the end, of the car of any usual construction. *d d* are the seats on each side of the car, fitted and upholstered in any ordinary manner. *ee* are divisions or braces from the edge to the back of the seat, upon which are jointed the swinging arms *ff*, carrying the seat-pieces *gg*.

Each brace and arm forms a division to the seats *d d* of a sufficient size to accommodate one person, and when the car is not crowded the seats *gg* and arms *ff* can be turned back out of the way, as seen at *x*; but when additional seats are needed, the arms *ff* and seats

*gg* are to be turned down into the position shown at *yy*, Fig. 2, and are sufficiently large to form a resting place or seat between and slightly above the persons sitting on the seats *d*.

The joint of *f* to *e* is constructed so that the same will not turn beyond a given point, and hence the seat will be sustained at that point.

It will be evident that this joint may be constructed in any desired manner that will accomplish the aforesaid object, and also that the shape of the arm *f* and brace *e* may be varied, as desired, and also that the seat *g* may be of any convenient shape, and should be padded or upholstered on both sides, so as to form a portion of the back to the seats *d* when turned up, as at *x*.

I have represented at *h* a swinging seat upon a pipe, *i*, set over a stud, *k*, that rises from the floor. This stud has a locking pin and the pipe *i* a slot, so that the seat may be swung out from under the seat *d*, raised up, and then turned aside into the position for use, in the act of doing which the aforesaid pin enters a horizontal or L-formed portion of the slot in the pipe *i*, and sustains the seat in its elevated position. When not in use, said seat is to be turned aside, lowered, and swung in under the seat *d*.

This character of movable seat is shown at the end of the car, but may be applied elsewhere.

This mode of seating may be applied on ferry-boats, stages, and under any other circumstances where extra seats are required.

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

A movable seat combined with the stationary seats, substantially as specified, when the movable seat is forward of and higher than the stationary seat, as set forth.

In witness whereof I have hereunto set my signature this 29th day of July, A. D. 1864.

C. B. LASHAR.

Witnesses:

LEMUEL W. SERRELL,  
CHAS. H. SMITH.