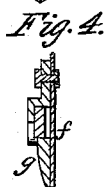
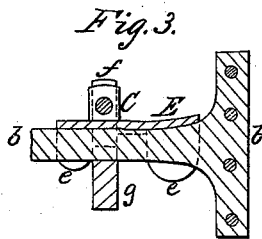
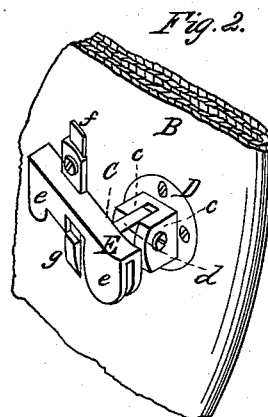
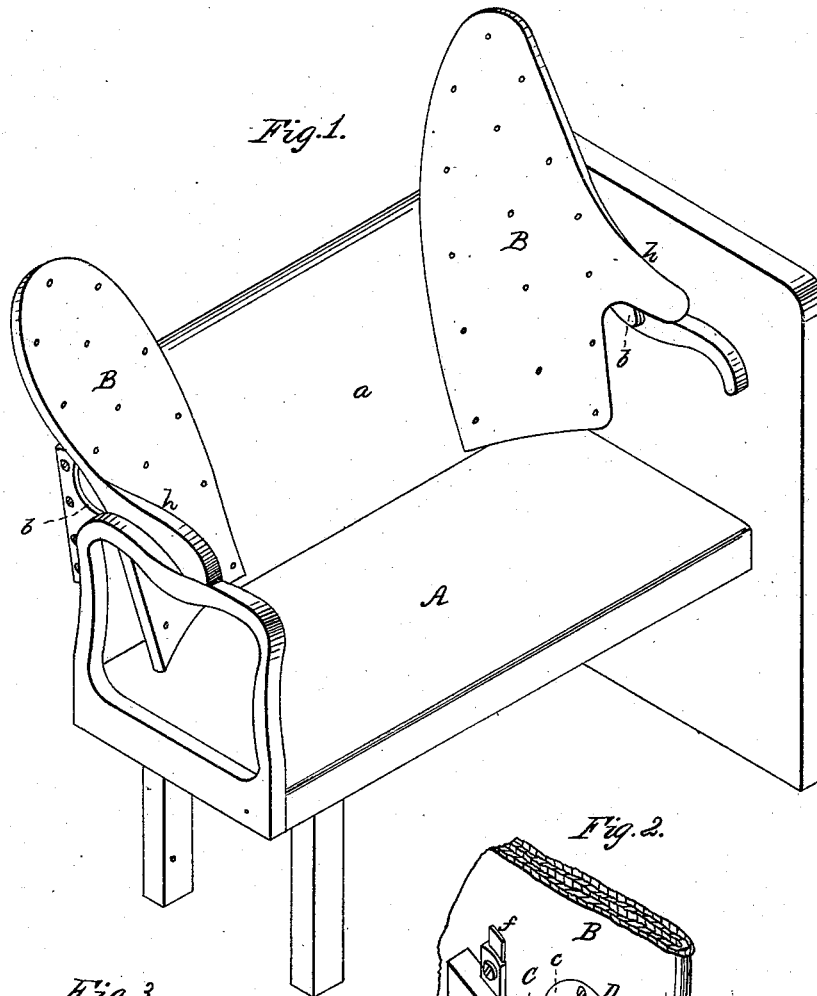


P. F. DUCHEMIN.

Car-Seat Back.

No. 111,184.

Patented Jan. 24, 1871.



Witnesses:  
*N. W. Stearns*  
*W. Cambridge*

Inventor:  
*Peter F. Duchemin*

# United States Patent Office

PETER F. DUCHEMIN, OF SOMERVILLE, MASSACHUSETTS.

Letters Patent No. 111,184, dated January 24, 1871.

## IMPROVEMENT IN REMOVABLE CAR-SEAT BACKS.

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, PETER F. DUCHEMIN, of Somerville, in the county of Middlesex and State of Massachusetts, have invented certain Improvements in Removable Car-seat Backs, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is a perspective view of a car-seat with my removable back applied to each of its corners.

Figure 2 is a perspective view of the rear of my improved back, showing the devices by which it is secured in place.

Figures 3 and 4 are sections to be referred to.

To provide a means whereby the entire form of the traveler may be supported in a comfortable position in the seat of a railroad-car is the object of my invention, which consists in a removable support for the back, applied to the arm or corner of the seat, the shape of the removable support corresponding to the conformation of the body, and fitting it snugly from the lower part of the back to the shoulders and head of the occupant, and being readily removed and replaced to allow of the seat being reversed.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawing—

A represents the seat of a railroad-car, the back *a* of which is pivoted to the side pieces or arms *b* in the ordinary manner, to admit of the seat being reversed to front in the direction in which the car moves.

B is a support of the form seen, fitting into the corner of a seat, and against which the back, shoulders, and head of the traveler rest, the support being readily attached to the side piece or arm *b* by means of a spring-clasp, C, of the following construction:

A metal plate, D, is secured to the back of the support B, and is provided with two ears or lugs *e*, between which and pivoted thereto fits a tongue, *d*, projecting from the side of a metal piece, E, provided with slotted enlargements *e* at each end, which fit over

the arms or side pieces *b*, upon which the back of the seat turns.

Secured to this metal piece E is a spring, *f*, provided with a catch, *g*, which bears or hooks under the lower side of the side piece or arm *b*, to prevent the support B from being accidentally raised out of place, the whole acting as a spring-clasp, C, which may be readily liberated to allow of the support being raised and removed when the back of the seat is to be thrown over to front in the opposite direction.

Each support B is provided with a projecting portion, which serves as a rest, *h*, for the arm of the occupant of the seat, the projecting rest *h* extending from the right or left side of the support corresponding to the position it is to occupy, and when the seat is to be reversed the supports are taken from the arms or side pieces *b* of the seat and readily applied to the reversed seat, the position of the inner support being changed so as to fit on the outer arm or side piece *b* of the seat, and *vice versa*.

The spring and its catch C, if desired, may be dispensed with, and the support be held in position by its own weight; or the support may be attached to the arm or side piece *b* by any other suitable device than that herein shown and described without departing from the spirit of my invention.

### *Claims.*

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

1. A removable support, B, fitting in the corner of a car-seat, and supplied with a projecting rest, *h*, substantially as and for the purpose set forth.

2. The clasp C, herein shown and described, with or without its spring *f*, for the purpose set forth.

Witness my hand this 11th day of November, A. D. 1870.

PETER F. DUCHEMIN.

Witnesses:

N. W. STEARNS,

W. J. CAMBRIDGE.