F. BENNETT.

CAR SEAT.

APPLICATION FILED OCT. 23, 1912. RENEWED DEC. 21, 1916.

1,234,267. **Patented July 24, 1917.**

2 SHEETS—SHEET 1.

Fig. 2.

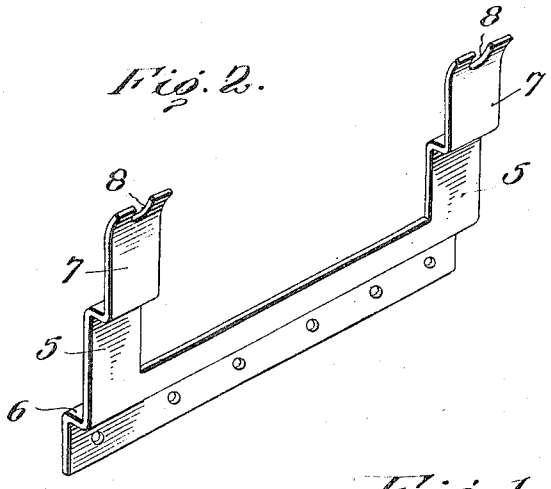


Fig. 1.

Witnesses

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2 SHEETS—SHEET 2.

Fig. 3.

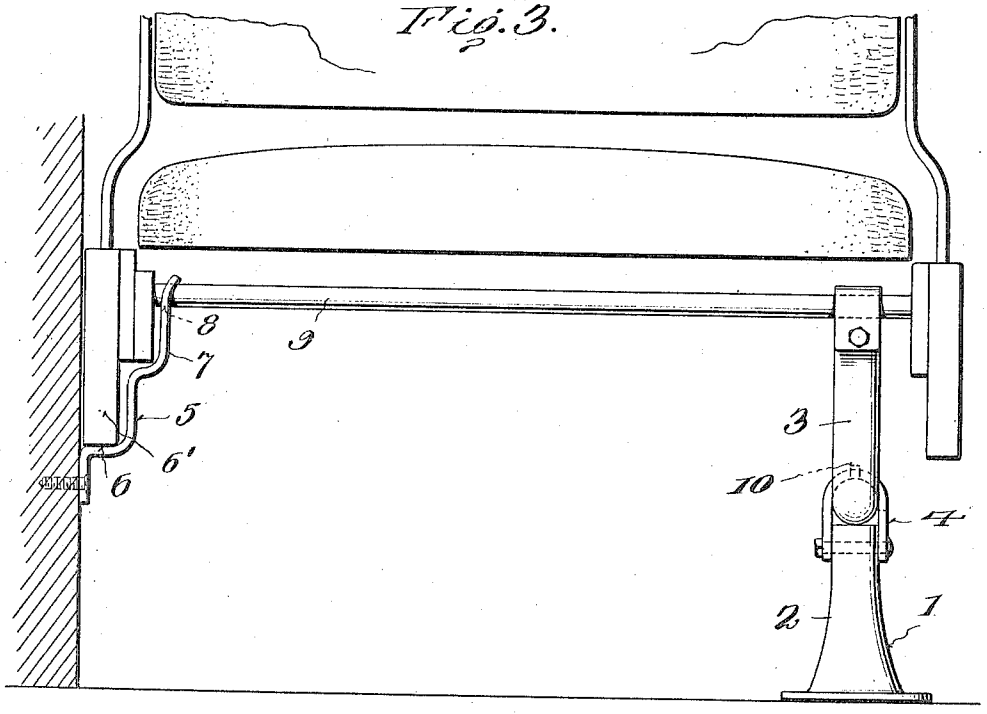
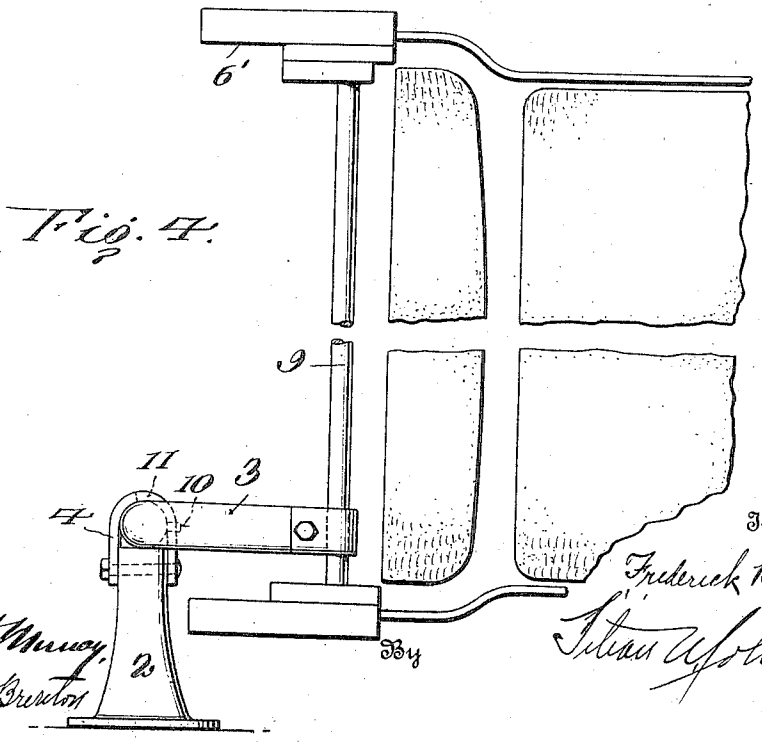


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

FREDERICK BENNETT, OF RAVENSWOOD, NEW YORK, ASSIGNOR TO WALKER AND BENNETT MANUFACTURING COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

CAR-SEAT.

1,234,267. Specification of Letters Patent. Patented July 24, 1917.

Application filed October 23, 1912, Serial No. 727,380. Renewed December 21, 1916. Serial No. 138,281.

To all whom it may concern:

Be it known that I, FREDERICK BENNETT, a citizen of the United States, residing at Ravenswood, in the county of Queens and State of New York, have invented certain new and useful Improvements in Car-Seats, of which the following is a specification.

The invention relates to car-seats; and its chief object is to mount the seat in such a manner that it may be readily detached from its support fixed to the side wall of the car and swing upward upon the aisle-pedestal, so as to open a passageway between the side wall of the car and said pedestal, for cleaning purposes.

A further object of the invention is to so simplify the construction and arrangement of the means by which the seat is supported, that it may be swung bodily upward upon its hinge without the aid or cooperation of special mechanism.

These and other objects of the invention are accomplished by providing means for detachably-connecting one end of the seat to the side wall of a car, and hinging the other to a novelly constructed aisle-pedestal, as will be hereinafter fully described in this specification, and briefly stated in the claims.

In the drawings—

Figure 1 is an elevation, partially in section, of a car seat constructed in accordance with my invention, the section being taken just outside of the aisle pedestal.

Fig. 2 is a detached perspective view of the wall bracket;

Fig. 3 is a front elevation showing so much of the mechanism of a seat as is necessary to illustrate the invention;

Fig. 4 is a view showing the seat rocked into the aisle.

Referring to the drawings, the numeral 1 indicates the aisle pedestal which comprises a suitable base 2 and arms 3 hinged thereto by a clip 4.

Secured to the side wall of the car is a bracket 5, of any suitable shape, which is preferably made of pressed steel, formed with a rabbet 6 which forms a seat for the end plate 6′ carried by the seat. This plate 6′ in this embodiment of the invention, has a straight lower edge adapted to seat firmly upon the rabbet, but it will be understood that the end plate carried by the seat and the bracket, may be of any suitable shape, one being made to conform to the other, so that the seat will rest firmly upon the bracket. In the form shown the bracket is provided with two upwardly extending arms 7 having recesses 8 therein, which receive the tie-rods 9, thus making a construction that effectually prevents any lateral movement of the seat.

The arms 3 have centrally located thereon a short stud or pin 10, which works in a slot 11 in the clip 4, which pin limits the movement of the seat when rocked, and prevents the outer end plate of the seat from engaging the lower part pedestal when the seat is rocked to the position shown in Fig. 4, thus eliminating any danger of marring or scratching said part.

No claim is made in this application to the seat mechanism and it will be understood that the pedestal and bracket may be used in connection with any car-seat, either stationary or of the "walkover" or reversible back type, as obviously, the mechanism for bringing about the different positions of the seat has nothing to do with the mechanism for rocking it out of engagement with the wall bracket to accomplish the purposes hereinbefore specified.

It will be noted that the manner of hinging the seat to the pedestal does not contemplate its removal or attachment at that point, but for ordinary uses of the seat, it is permanently hinged to the pedestal.

Having thus described my invention, what I claim is:

1. A car seat having an outer downwardly directed end-plate, and having one end detachably supported, a pedestal supporting the other end of the seat, said pedestal having its upper end secured to the seat and its lower end adapted to be secured to the floor, the pedestal having an intermediate hinge lying in a horizontal plane below that of the lower end of the end plate so that the seat and the upper part of the pedestal may be rocked over upon the lower section.

2. A car seat having an outer downwardly directed end-plate and having one end detachably supported, a pedestal supporting the other end of the seat, said pedestal comprising an upper section secured to the seat and a lower section adapted to be secured to the floor, the pedestal having an intermediate hinge lying in a horizontal plane below that of the lower end of the end plate

so that said seat and upper section may be rocked over upon the lower section and means for limiting the rocking movement.

3. A car seat having one end detachably supported adjacent the side wall of a car, a pedestal supporting the other end and comprising a lower member for attachment to the floor and an upper member having arms connected with the seat and clipped to the lower part of the pedestal, so as to provide for a swinging movement, without disengaging the seat from the pedestal.

4. A car seat having one end detachably supported adjacent the side wall of a car, a two part pedestal having its lower portion attached to the floor, and an upper portion serving as a support for the seat, and also as the hinge member upon which said seat may be swung from normal position, and means for limiting the swinging movement.

5. A car seat having one end detachably supported adjacent to the side wall of a car, end plates, tie-rods connecting the end plates, a pedestal and a hinged connection between the pedestal and the tie rods, whereby the seat may be swung out of normal position without disengagement from the pedestal.

6. In a car seat having one end detachably supported adjacent to the side wall of a car, end plates, tie rods, connecting the end plates, a pedestal having upper and lower members hinged together, and the upper one connected with the tie-rods, whereby the seat may be swung out of normal position without disengagement from the pedestal.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK BENNETT.

Witnesses:
TITIAN W. JOHNSON,
JOHN J. DONOVAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."