No. 793,863. PATENTED JULY 4, 1905.

H. F. VOGEL.

CAR SEAT.

APPLICATION FILED MAR. 1, 1905.

Fig. I.

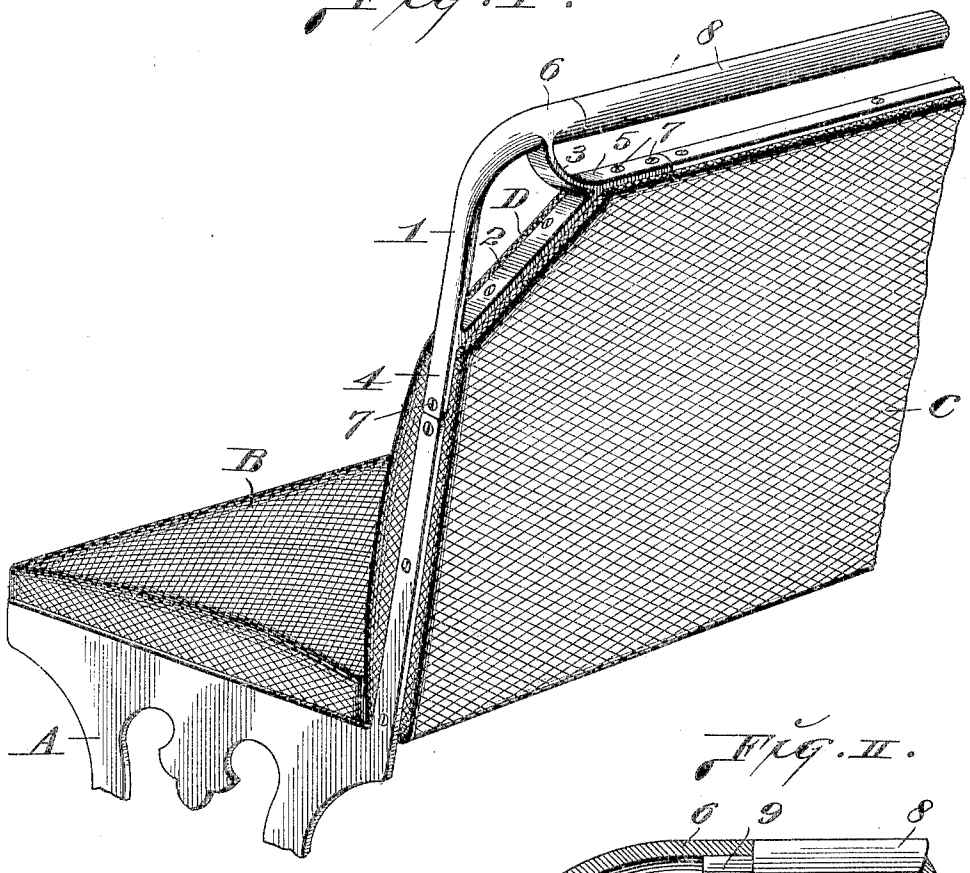
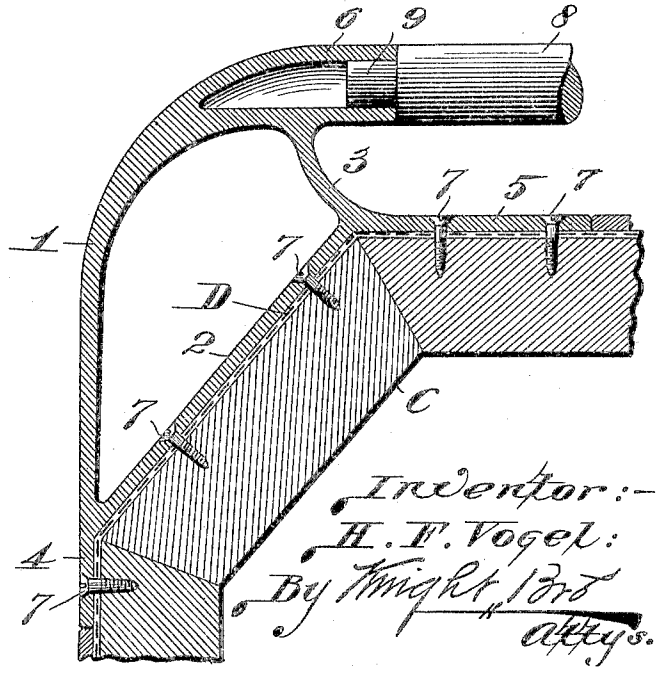


Fig. II.



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UNITED STATES PATENT OFFICE.

HENRY F. VOGEL, OF ST. LOUIS, MISSOURI, ASSIGNOR TO ST. LOUIS CAR COMPANY, OF ST. LOUIS, MISSOURI, A CORPORATION.

CAR-SEAT.

SPECIFICATION forming part of Letters Patent No. 793,863, dated July 4, 1905.

Application filed March 1, 1905. Serial No. 247,861.

To all whom it may concern:

Be it known that I, HENRY F. VOGEL, a citizen of the United States, residing in the city of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Car-Seats, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to the combination, with the back of a car-seat, of a corner-handhold and a hand-rod mounted in said handhold and supported above the seat-back, whereby either of said members may be grasped by the hand of a passenger for support while standing in the aisle between the car-seats.

Figure I is a perspective view of one end of a car-seat equipped with my improvement. Fig. II is an enlarged longitudinal section taken through the upper corner of the car-seat back and the handhold applied thereto and showing the adjacent end of the hand-rod set into the handhold.

A designates one of the ends of a car-seat upon which is supported the seat-cushion B.

C is the seat-back, having its upper corner D inclined with respect to its end and top edges.

Fitted to the corner of the seat-back is a handhold that consists of the following portions: 1 is a grip portion that is formed integral with a plate portion 2, that joins the grip portion at its lower end and is joined to the upper end of the grip portion by a web 3. At the lower end of the handhold and extending beyond the junction of the grip portion and plate portion is an arm 4, and at the upper end of the handhold and extending beyond the junction of the plate portion and web 3 is an arm 5. The grip portion 1 terminates in a socket extension 6, that extends inwardly over the seat-back. The handhold is secured to the seat-back by screws 7, which are inserted through the plate portion 2 and the arms 4 and 5 and into the seat-back.

8 designates a hand-rod that extends in alinement with the top of the seat-back and which is provided at its forward end with a tenon 9, that enters into the socket extension 6 of the handhold, whereby it is supported at an elevation above the top of the seat-back sufficient to permit of the passage of the fingers of a person's hand between the seat-back and the hand-rod in order that said rod may be grasped. The other end of the hand-rod is supported in any suitable manner at the far end of the seat-back.

I am aware that it is not new to utilize upon a car-seat back either a handhold at the corner of the back or a hand-rod above the back, and therefore do not herein claim either of said parts, broadly considered; but, so far as I am aware, these features have not been combined so that the merits of both of them are secured upon a single seat-back. By the combining of the corner-handhold and the hand-rod supporting means for the passengers are furnished that will accommodate the hands of two or more passengers, whereas in the instance of using either the corner-handhold or the hand-rod singly accommodation is furnished for the hand of a single passenger only.

I claim as my invention—

1. The combination with a car-seat back, of a handhold secured to one of the upper corners of said seat-back and consisting of a plate portion, arms extending from said plate portion, a grip portion united to said plate portion, a socket extension-arm extending from said grip portion; and a hand-rod fitted to said socket extension-arm, substantially as set forth.

2. The combination with a car-seat back, of a handhold secured to one of the upper corners of said seat-back, and consisting of a plate portion, arms extending from said plate portion, a web extending from said plate portion, a grip portion united to said plate portion in part by said web, an extension socket-arm projecting from the junction of said grip portion and web; and a hand-rod fitted to said extension socket-arm, substantially as set forth.

HENRY F. VOGEL.

In presence of—

A. DIEKMANN,

M. C. MURPHY.