

(No Model.)

W. R. LAMPTON.
SAFETY BRACE FOR CAR SEATS.

No. 296,975.

Patented Apr. 15, 1884.

Fig. 1.

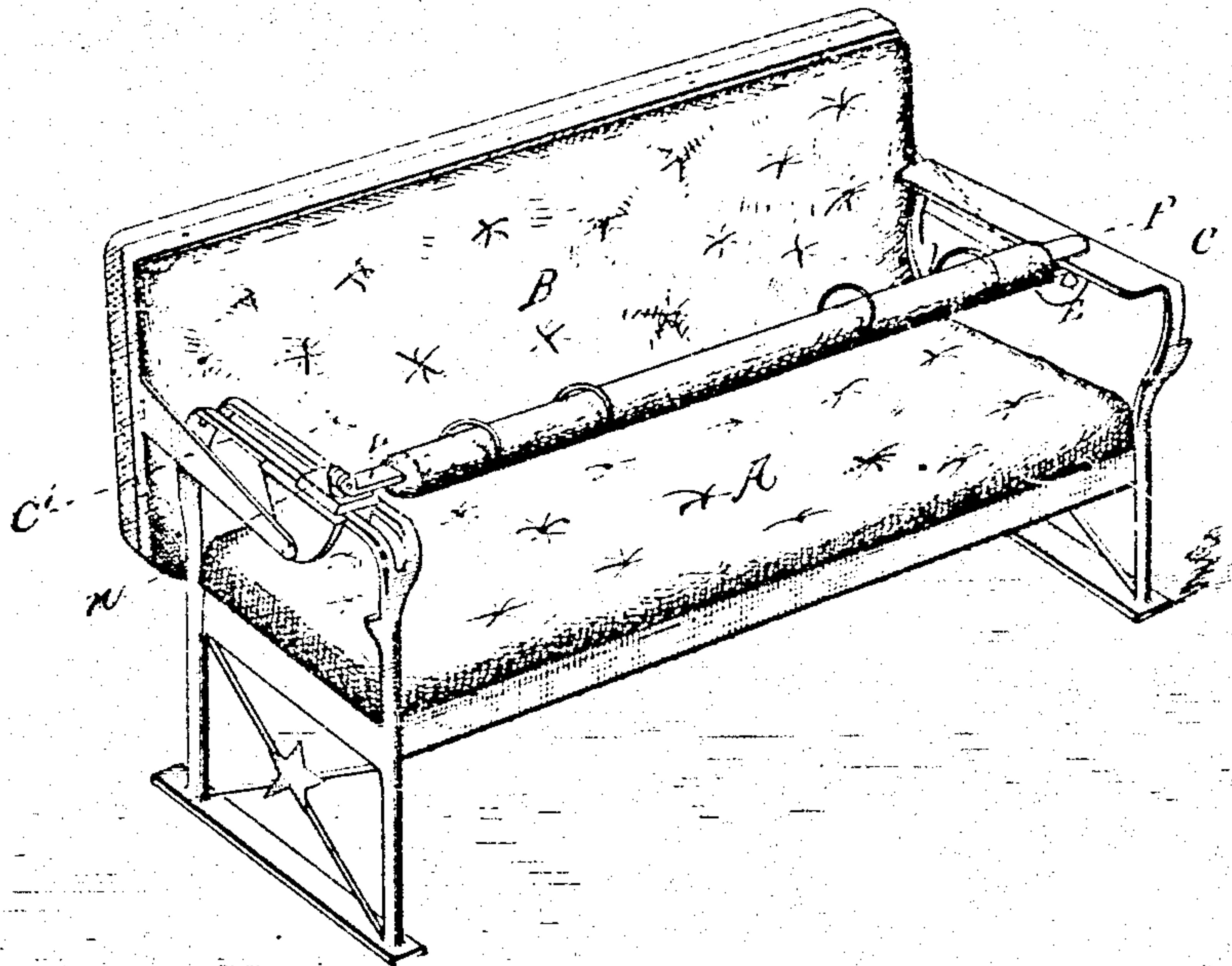


Fig. 2.

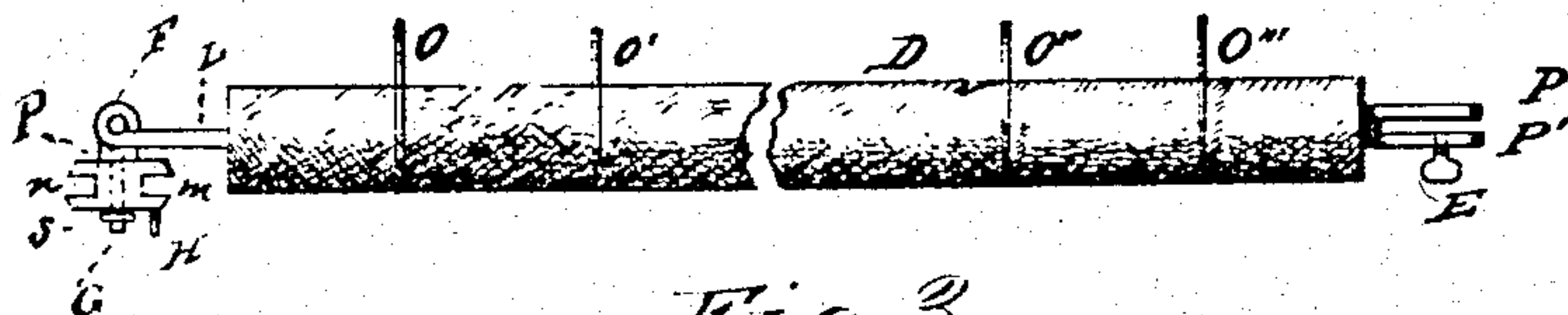
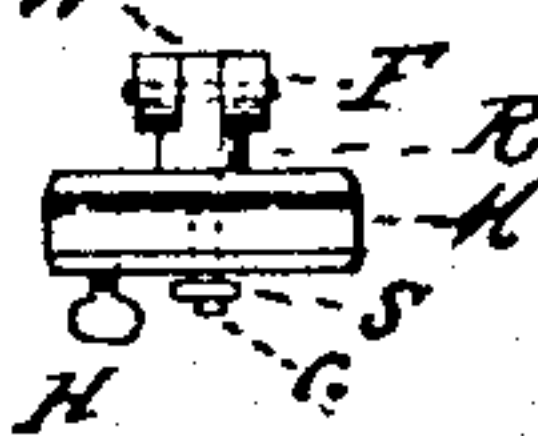


Fig. 3.



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SAFETY-BRACE FOR CAR-SEATS.

SPECIFICATION forming part of Letters Patent No. 296,975, dated April 15, 1884.

Application filed January 11, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. LAMPTON, of Terre Haute, in the county of Vigo and State of Indiana, have invented certain new and useful Improvements in Safety-Braces for Car-Seats; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

My invention relates to an adjustable safety-brace especially designed for car-seats, although it may be used with equally good results in connection with seats for other vehicles where a sudden stoppage has the tendency to throw an inattentive or helpless occupant upon the floor. This danger is especially great with young children, and with persons who, from old age, illness, or other infirmity, are incapable of resisting the effect of a violent shock until their inertia is established. Unexpected collisions or accidents upon the road and instantaneous operation of the modern air-brake multiply these dangers to the traveling public, and render the necessity and utility of a device constructed according to my invention at once apparent.

In the drawings hereunto annexed, and forming part of my application, I have shown my invention by way of illustration as applied to a reversible car-seat, reference being had to the separate figures, in which like letters indicate like parts.

Figure 1 is a perspective view of my invention in operative position. Fig. 2 is an enlarged front elevation of the brace, the cross-bar being shown as broken away in the middle in order to accommodate the scale to which the figure is made. Fig. 3 is a side elevation of the hinged and swiveled sliding guide at one end of the brace.

A represents the car-seat, upon which is hinged by dependent arms the reversible back B. The seat is provided with arm-rests C and C', one of which, C', is longitudinally forked or slotted, as shown in Fig. 1. In this guiding-slot is arranged the universal sliding joint-piece M, provided with opposite grooves, and which plays backward and forward between the two guiding-rails of the forked arm-rest C'. Through the center of the piece M passes the vertical swivel-rod G, having a

shoulder, R, and screw-threaded at its lower end for the reception of the retaining-nut S. Above the shoulder R, the swivel-rod terminates in an eye-extension, W. Through this eye passes the transverse pin F, upon whose outer ends is hinged the brace-bar L. This bar is preferably covered with plush, and carries four or more arm-loops, O O' O'' O'''. The opposite end of the bar is forked into branches P and P', playing above and under the arm-rest C. M and P' are provided, respectively, with set-screws H and E.

The parts being disposed as described, the operation of my invention is as follows: When it is desired to admit any one to a seat, the end P of the brace is moved outwardly until it is clear of the arm-rest C. During this movement the other end turns with the swivel-rod G in the guide-piece M, which remains stationary. When the end P is clear of the arm-rest C, the brace is swung upward on the hinge F, and the seat may then be occupied. The occupant being seated, the brace is again brought to the horizontal position and swung inwardly until it assumes the place shown in Fig. 1. In this position it may be moved or slid backward or forward in the end slots, according to circumstances, and may be firmly locked at any desired point by means of the binding or set screws E and H, thus securely fastening the occupant in place.

Having thus described my invention, what I claim is—

1. The combination, with a frame of a car-seat having arm-rests, one of which is slotted, of a block fitted in said slotted arm and adjustable therein, and the bar swiveled and hinged at one end to said block, and the other end engaging with the opposite arm-rest, substantially as shown and described.

2. In a car-seat, the combination, with the frame thereof having arm-rests, one of which is slotted, of the block fitted in said slotted arm-rest and adjustable therein, and the safety-brace hinged and swiveled at one end to said block, and provided at its other end with means, substantially as shown, for retaining the same in any desired position on the arm-rest, as and for the purpose described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

Witnesses: WILLIAM R. LAMPTON.
JOHN C. PENNIE,
EDWARD E. ELLIS.