

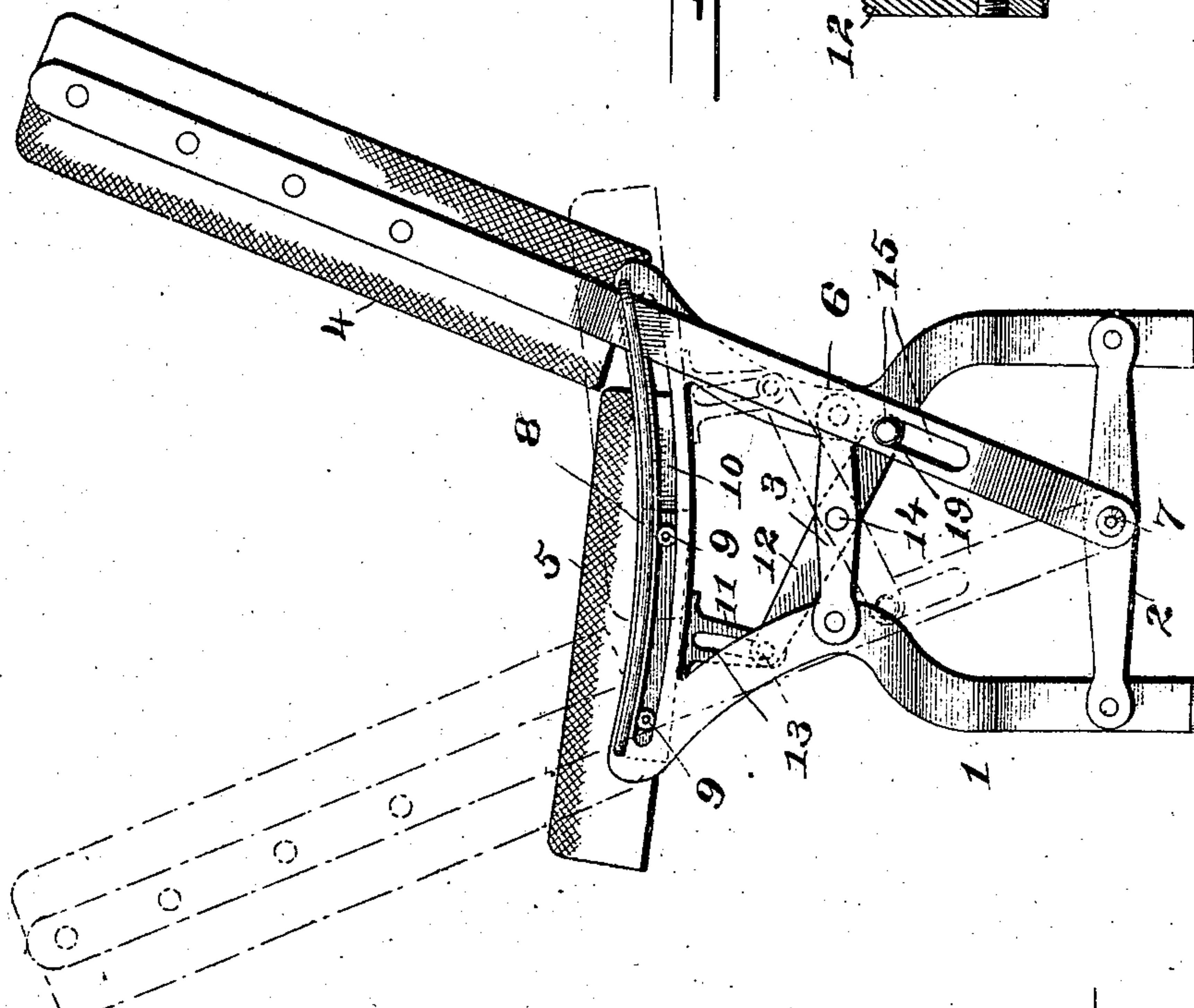
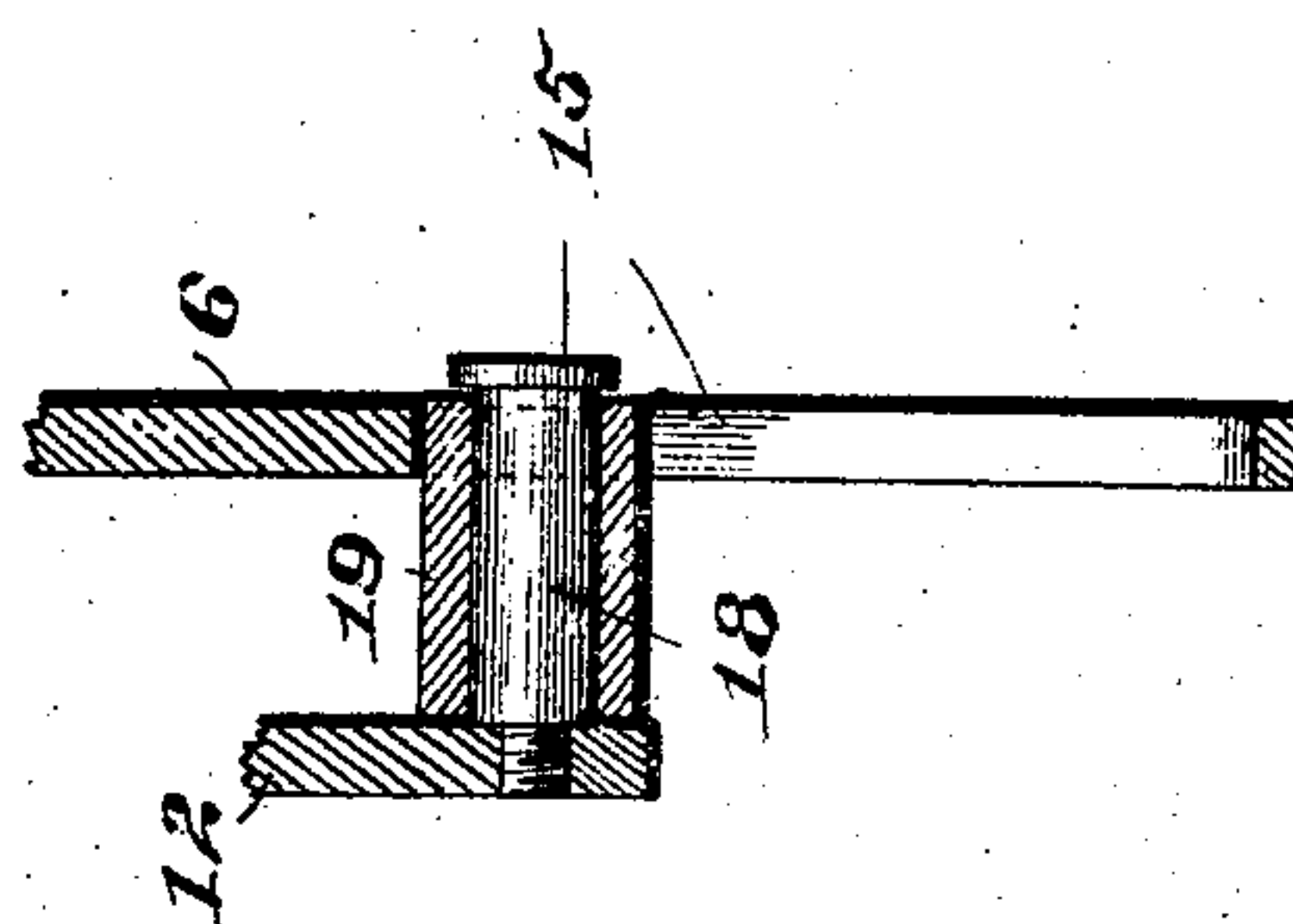
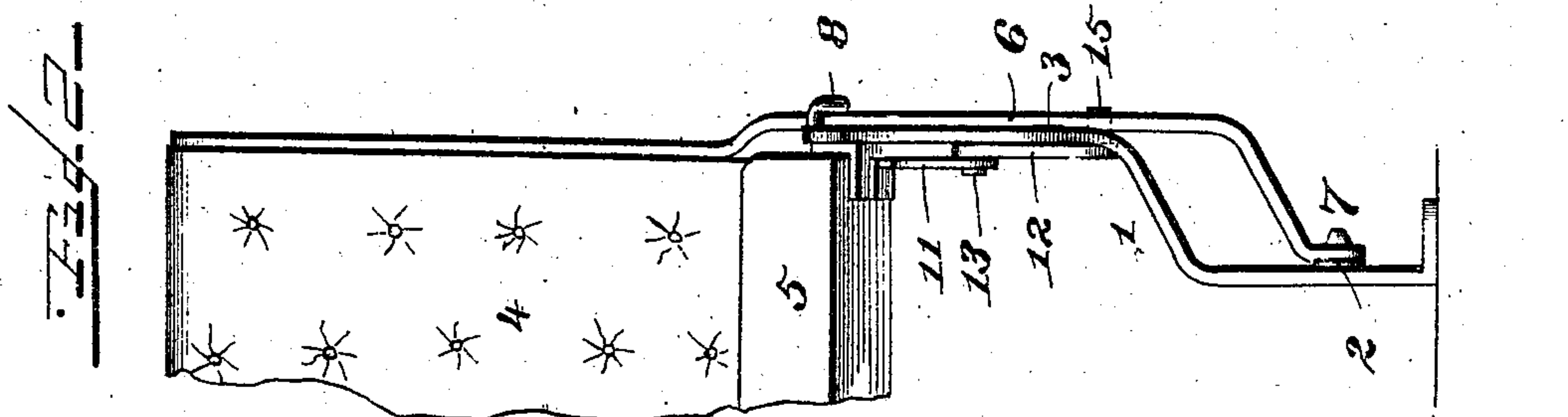
No. 678,299.

Patented July 9, 1901.

F. G. KOEHLER.
CAR SEAT.

(Application filed July 29, 1898.)

(No Model.)



Witnesses _____

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UNITED STATES PATENT OFFICE.

FRANK G. KOEHLER, OF ST. LOUIS, MISSOURI, ASSIGNOR, BY MESNE ASSIGNMENTS, TO THE HALE AND KILBURN MANUFACTURING COMPANY, OF PHILADELPHIA, PENNSYLVANIA.

CAR-SEAT.

SPECIFICATION forming part of Letters Patent No. 678,299, dated July 9, 1901.

Application filed July 29, 1898. Serial No. 687,171. (No model.)

To all whom it may concern:

Be it known that I, FRANK G. KOEHLER, a citizen of the United States, and a resident of 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 that class of car-seats so constructed that reversing the back shifts the cushion, so that the position of the latter maintains the proper relation to the former whichever position the back may be in.

The object of my invention is to construct such a seat in a manner that it can be easily reversed and not be liable to get out of order.

My invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Figure 1 is an end view of my improved seat. Fig. 2 is a detail front elevation. Fig. 3 is a detail sectional view.

1 represents one of the end frames of the seat, having a fixed lower cross-bar 2 and a fixed upper cross-bar 3. The other end frame is the same as the one shown.

4 is the back, and 5 the seat proper or cushion. The back 4 has arms or brackets 6, pivoted at 7 to the cross-bars 2 and which fit between the end frames and bars or straps 8, secured to the frames, these bars serving as guides and stops for the back. The back is thus capable of being moved back and forth from the position shown in full lines to the position shown in dotted lines, Fig. 1.

The cushion is provided at each end with projections 9, that fit in slots 10, formed in the arc of a circle in the frames 1, so as to be capable of being moved from the position shown in full lines, Fig. 1, to the position shown in dotted lines, and to cause the cushion

to be thus moved by the act of reversing the back I secure brackets 11 to the bottom of the cushion, with which levers 12 have slot-and-pin connection 13. The levers are pivoted at 14 to the bars 3 and their lower ends have slot-and-pin connection 15 with the arms 6. When the back is reversed, the levers are moved from the position shown in full lines, Fig. 1, to the position shown in dotted lines, and the cushion is thus shifted to suit the position of the back, the movement being an easy one and the mechanism being such that it is not liable to get out of order and at the same time is inexpensive.

As shown in Fig. 2, I prefer to make the projections 13 and 15 to consist of pins 18, provided with antifriction-rollers, and the projections 9 are made in like manner.

I claim as my invention—

1. In a car-seat, the combination of end frames, a back having arms pivotally connected to the end frames, a cushion having projections fitting in slots in said frames, brackets secured to said cushion, levers having pivotal connection with said frames, and slot-and-pin connections between said levers and said brackets and between the levers and said arms, substantially as set forth.

2. In a car-seat, the combination of end frames having lower cross-bars 2 and upper cross-bars 3 and having slots 10 in their upper ends, a back having arms 6 pivoted to the cross-bars 2, a cushion having projections 9 fitting in the slots 10, brackets 11 secured to the cushion and levers 12 pivoted to the cross-bars 3 and which have slot-and-pin connections with said brackets and with said arms, substantially as set forth.

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In presence of—

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