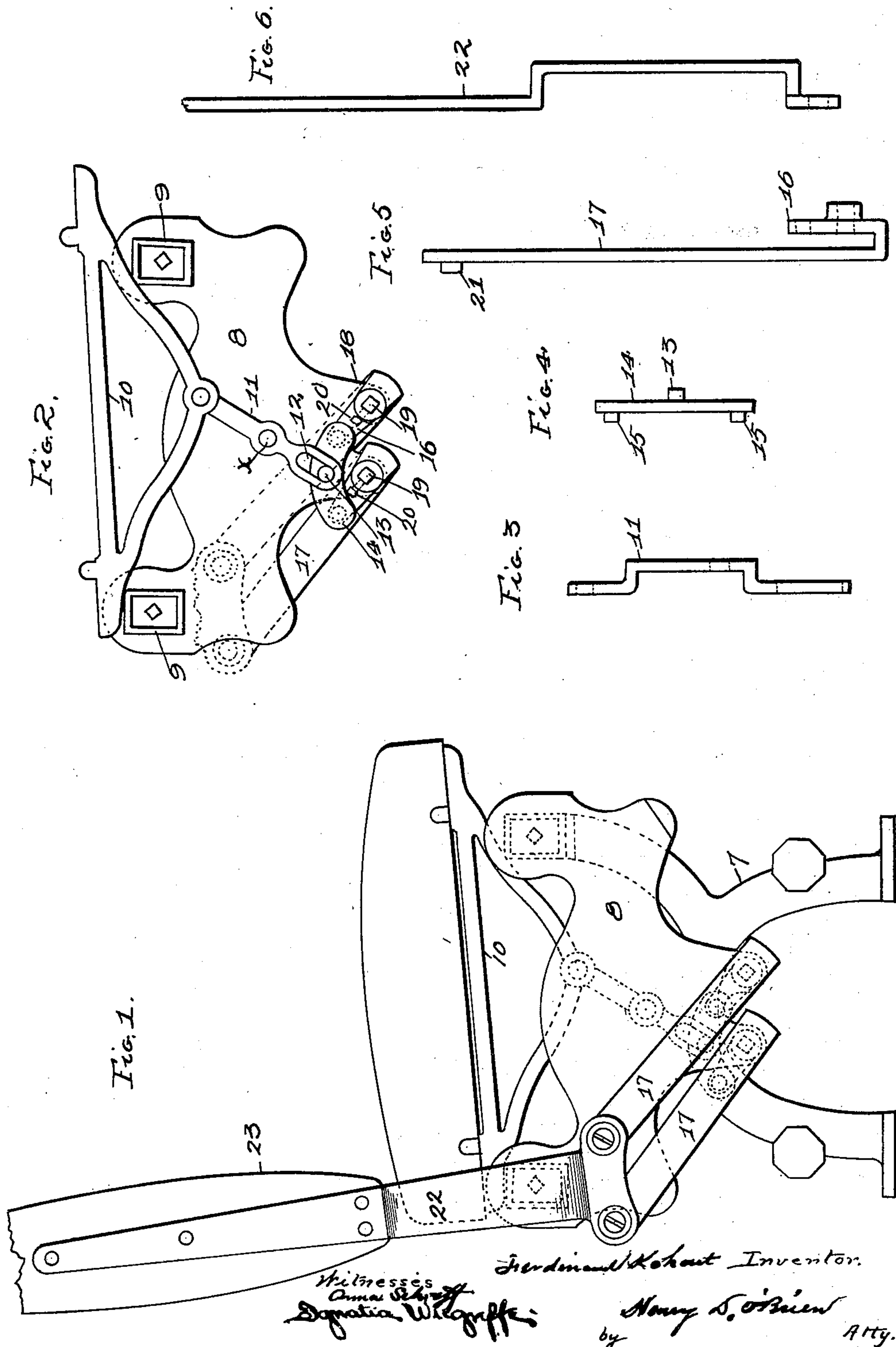


No. 730,853.

PATENTED JUNE 9, 1903.

F. KOHOUT.
REVERSIBLE CAR SEAT.
APPLICATION FILED JULY 25, 1902.

NO MODEL.



UNITED STATES PATENT OFFICE.

FERDINAND KOHOUT, OF ST. LOUIS, MISSOURI, ASSIGNOR TO ST. LOUIS
CAR COMPANY, OF ST. LOUIS, MISSOURI, A CORPORATION.

REVERSIBLE CAR-SEAT.

SPECIFICATION forming part of Letters Patent No. 730,853, dated June 9, 1903.

Application filed July 25, 1902. Serial No. 116,922. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND KOHOUT, a citizen of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in Reversible Car-Seats; and I do declare the following to be a full, clear, and exact description of the invention, such as 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 figures of reference marked thereon, which form a part of this specification.

This invention relates to improvements in reversible car-seats; and it consists in the novel arrangement, construction, and combination of parts, as will be more fully hereinafter described and claimed.

The object of this invention is to construct a reversible car-seat, the seat and back being operated in unison.

Another object is the seat is advanced when the back is reversed and at the same time slightly inclined.

Referring to the drawings, Figure 1 is a side view of my improved car-seat. Fig. 2 is a view of the inner side of the seat, showing the operating mechanism. Figs. 3, 4, 5, and 6 are detail views of the levers and castings made use of in connection with my invention.

In the construction of the device as shown I provide a suitable supporting-frame 7, to which are secured side pieces 8, provided with bearings in which the operating mechanism is supported. The side pieces 8 are also provided with projections 9, upon which rests the angle cushion-frame 10, the lower ends thereof being pivotally connected to a centrally-pivoted lever 11, fulcrumed at x and supported by the side pieces, the said lever having a slot 12, formed in its lower end, and in which projects a trunnion 13, formed on the cross-piece 14, having on its opposite side trunnions 15, which rest within correspondingly-arranged holes formed in the upturned ends 16 of the levers 17. The levers 17 are pivotally secured to integral ears 18 of the side pieces, mounted upon short shafts 19, the same being held therein by set-screws 20. The long arms of the levers are

located on the outside, while the upturned ends pass around the ears and extend upwardly on the inside, connected to the cross-piece 14. A trunnion 21 is formed on the upper side of the long arms and rests in openings formed in the base of the back-supporting arms 22, to which the back 23 is secured.

To reverse the seat, the back is pulled toward the opposite end of the seat, causing the arms 22 to carry with them the arms 17. The seat-cushion before the back is pulled upon inclines toward the back; but by reason of the connection of the arms 17 to the cross-piece 14 the fulcrum 11 is moved in an opposite direction and causes the seat-cushion to incline in an opposite direction toward the back as the back assumes its new position.

This device is simple in construction and durable and is operative in all details.

Having fully described my invention, what I claim is—

1. In a reversible car-seat, the combination of the side frames, a lever pivoted intermediate of its length to each side frame, a cushion-carrying frame pivotally secured at two sides with the upper ends of said levers, a cross-piece loosely connected with the lower end of each lever, a pair of arms pivotally secured near their lower ends to each cross-piece and also to the side frames, and a back pivotally secured to the upper ends of said arms.

2. In a reversible car-seat, the combination of the side frames, a lever pivoted intermediate of its length to each side frame, a cushion-carrying frame pivotally secured to the upper ends of said levers, a cross-piece loosely connected with the lower end of each of said levers, and means pivotally secured to the cross-pieces and the side frames and also pivotally secured to the back of the car-seat, whereby as the back is moved the cushion-carrying frame is caused to tilt so as to incline toward the lower edge of the back.

3. In a reversible car-seat, the combination of the two side frames, a lever pivotally secured intermediate of its length to each side frame, a seat-carrying frame pivotally secured at two sides with the upper ends of

said levers, a cross-piece loosely connected to the lower end of each lever, a pair of arms pivotally secured near their lower ends to each cross-piece and also to the side frames, a back, and a bracket having means whereby both of the upper ends of each pair of arms is pivotally secured thereto.

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

FERDINAND KOHOUT.

Witnesses:

J. F. OBENVINDER,
CORA SMITH.