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PATENTED MAR. 13, 1906.

C. E. MARCHESSAULT.

FOLDING SEAT BACK.

APPLICATION FILED JULY 21, 1905.

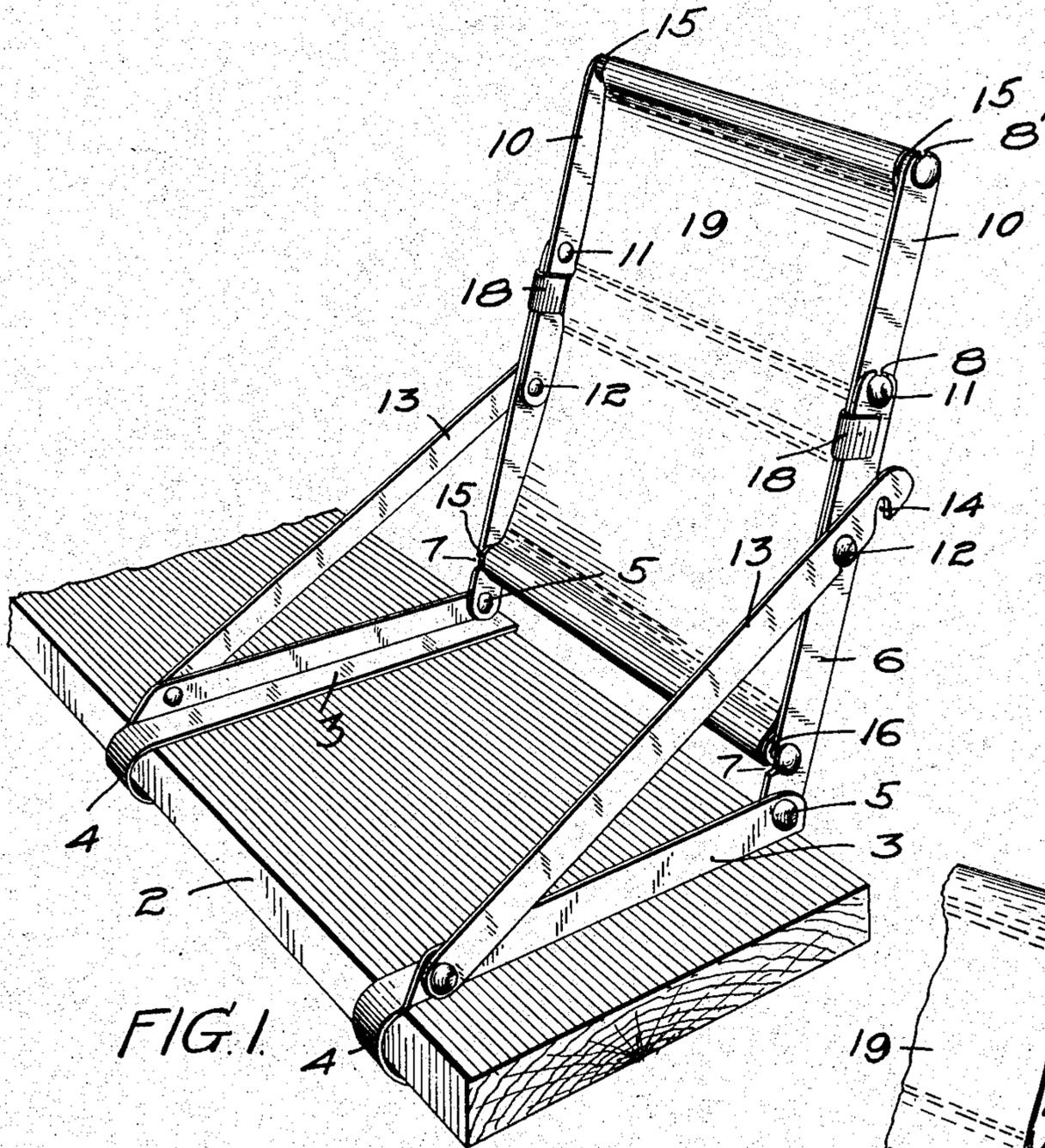


FIG. 1.

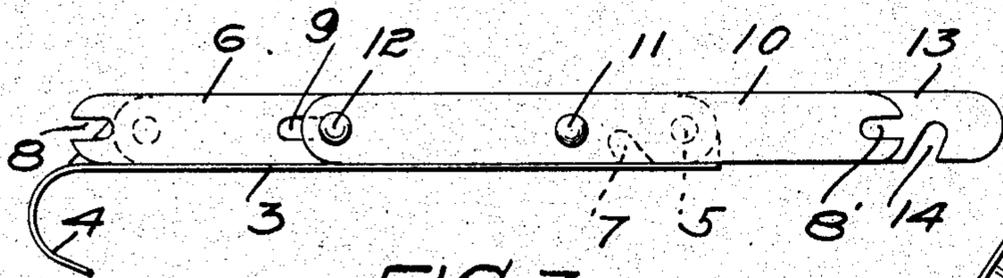


FIG. 3.

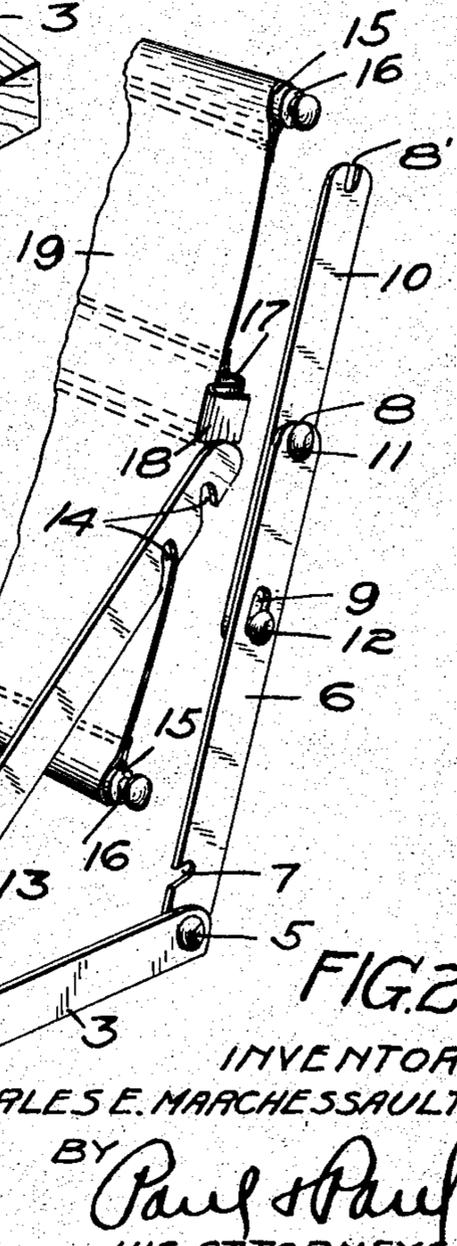


FIG. 2.

WITNESSES

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CHARLES E. MARCHESSAULT, OF MINNEAPOLIS, MINNESOTA.

FOLDING-SEAT BACK.

No. 815,190.

Specification of Letters Patent.

Patented March 13, 1906.

Application filed July 21, 1905. Serial No. 270,626.

To all whom it may concern:

Be it known that I, CHARLES E. MARCHESSAULT, of Minneapolis, Hennepin county, Minnesota, have invented certain new and useful Improvements in Folding-Seat Backs, of which the following is a specification.

The object of my invention is to provide a folding-seat back adapted particularly for use on the boards or planks of a circus, race-track, or ball-park stand or in a boat.

A further object is to provide a folding seat which when not in use can be taken apart and folded into a neat compact bundle.

The invention consists generally in various constructions and combinations, all as hereinafter described, and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of a folding-seat back embodying my invention ready for use. Fig. 2 is a view of one side of the seat-back, showing it in its partially separated or collapsed condition. Fig. 3 illustrates the side of the frame folded and ready to be rolled up in the flexible back.

In the drawings, 2 represents a plank or board such as is usually provided for the general-admission seats of a race-track, ball-park, or circus.

3 represents angle-iron bars having ends 4, downwardly curved to fit around the forward edge of the plank 2. The rear ends of the bars are connected by rivets 5 to plates or rails 6, which have diagonally-arranged notches 7 near their lower ends and recesses 8 in their upper ends and intermediate slots 9. Plates 10 have recesses 8' in their ends corresponding to those in the upper ends of plates 6 and studs 11 to enter the recesses in said plates 6 and pins 12, which pass through the slots 9 and secure the plates 6 and 10 together, allowing, however, sufficient longitudinal movement for the studs 11 to be inserted into or withdrawn from the recesses 8. The shanks of the pins 12 extend beyond the plates, and braces 13 are pivoted to the forward ends of the bars 3 and have notches 14 in their opposite ends to receive the said shanks and support the seat-back and permit it to be adjusted at different inclinations with respect to the bars 3. The plates 6 and 10 are connected at the top and bottom of the seat-back by rods 15, having annular grooves 16 in their ends to enter the recesses 8' in the upper ends of the plates 10 and the notches 7

in the lower ends of the plates 6. A cross-bar 17, having hooked ends 18, is provided between said rods and adapted to clasp the lapped ends of the plates 6 and 10 at a point about midway between the said rods, and a flexible material 19, such as canvas, connects the said rods and bar 17 and fills the space between the said plates of the seat-back. The rods, with the canvas, can be easily and quickly detached from the said plates, and then by unhooking the braces 13 the plates and bars 3 can be folded together into a compact bundle and rolled up in the flexible back.

I claim as my invention—

1. A folding-seat back comprising bars having hooked forward ends and a back composed of plates arranged in pairs, the lower plates of each pair being pivoted to said bars and having recesses in their upper ends and notches near their lower ends and intermediate slots, the upper plates of said pairs having pins at their lower ends slidable in said slots, and studs intermediate to their ends to enter said recesses and also having recesses in their upper ends, and rods adapted to enter said notches 7 and the recesses in the upper ends of said upper plates, and a flexible material connecting said rods.

2. The combination, with the bars 3 having downwardly-turned ends, of plates 6 hinged to the rear ends of said bars, plates 10 having a sliding pivotal connection with said plates 6, the contiguous ends of said plates 6 and 10 lapping by one another, a cross-bar having hooked ends to clasp the lapped ends of said plates, rods detachably connecting the opposite plates, a flexible material connecting said rods, and braces connecting said bars and said plates.

3. A folding-seat back comprising bars having downwardly-turned forward ends, and a back composed of plates arranged in pairs, the lower plates of each pair being pivoted to said bars and having a sliding connection with said upper plates and adapted to be folded one beside the other, suitable braces for said plates, detachable cross-bars connecting the opposite plates, and a flexible material carried by said bars.

4. A folding-seat back comprising angle-bars 3 having downwardly-turned forward ends 4, back-plates pivotally connected to the rear ends of said plates 3 and composed of sections adapted to be folded one beside the other, a bar connecting the overlapping

ends of said sections and preventing their premature folding, cross-bars removably supported in said plates and having a flexible connection, and braces connecting said seat-bars and said plates, for the purpose specified.

5. In a folding-seat back, the combination with the plates 6 having slotted upper ends, of plates 10 having a sliding connection with said plates 6, and pins to enter the slots in the upper ends of said plates 6, a cross-bar having hooked ends adapted to grasp the lapped ends of said plates 6 and 10, rods removably supported in said plates, and a flexible material connecting said rods.

6. A folding-seat back, comprising bars 3 having downwardly-turned forward ends, plates 6 pivotally attached to said bars 3, plates 10 pivotally connected to said plates 6 and adapted to be folded beside the same or unfolded to form a continuation thereof, cross-rods temporarily connecting the opposite plates and whereby the bar and plates on

one side of the seat are rendered separable from those on the other side to permit compact folding, and a flexible material connecting said rods, substantially as described.

7. A folding-seat back, comprising bars 3 having downwardly-turned forward ends, plates 6 pivotally attached to said bars 3, plates 10 pivotally connected to said plates 6 and adapted to be folded beside the same or unfolded to form a continuation thereof, the bar and plates on one side of the seat being separable from those on the other side, cross-rods temporarily connecting the opposite plates, and a flexible material connecting said rods, and braces connecting said bars and plates, substantially as described.

In witness whereof I have hereunto set my hand this 15th day of July, 1905.

CHARLES E. MARCHESSAULT.

Witnesses:

RICHARD PAUL,

C. MACNAMARA.