

W. M. WARREN.
Car Seat and Couch.

No. 9,880.

Patented July 26, 1853.

Fig. 1.

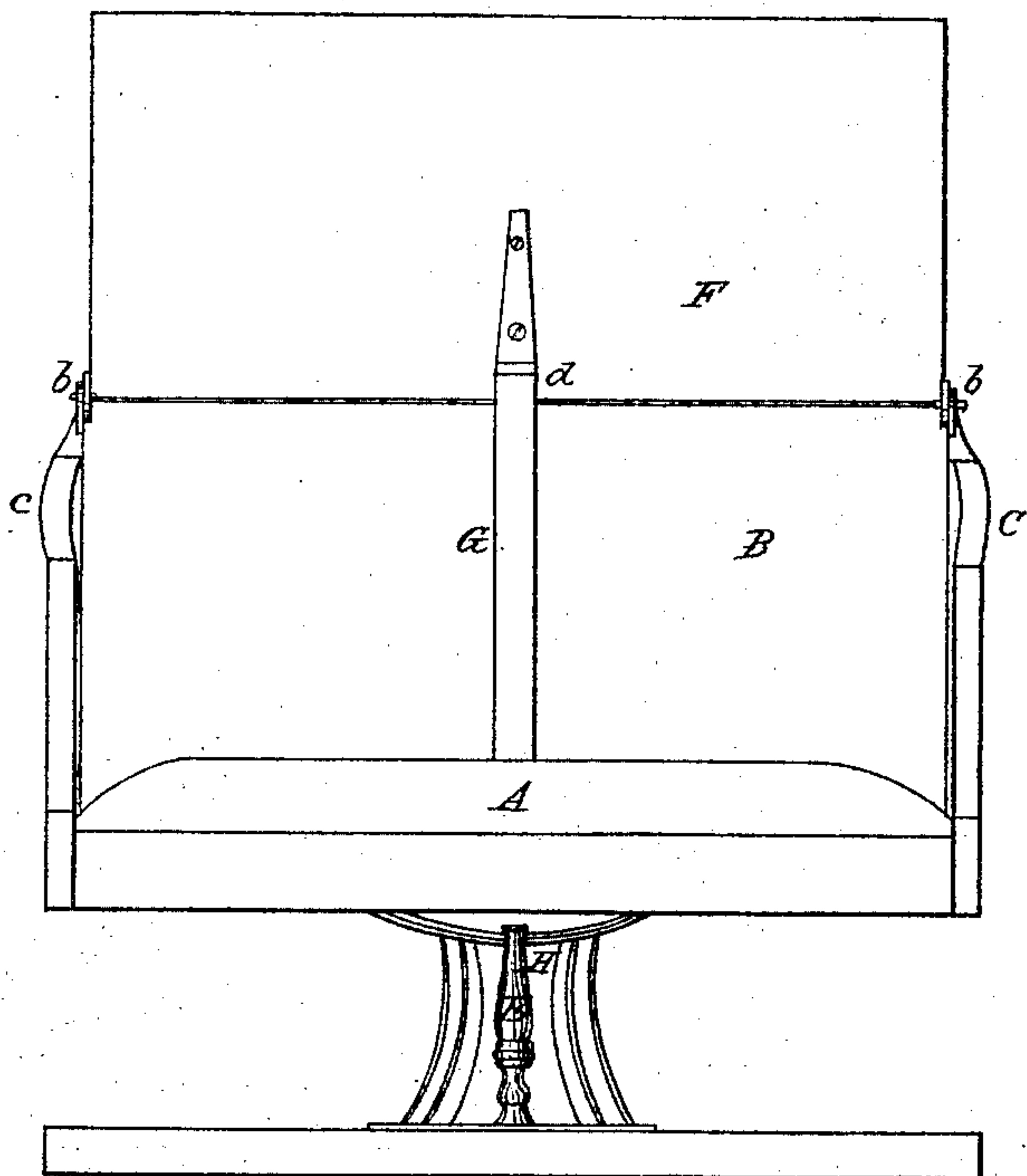


Fig. 2.

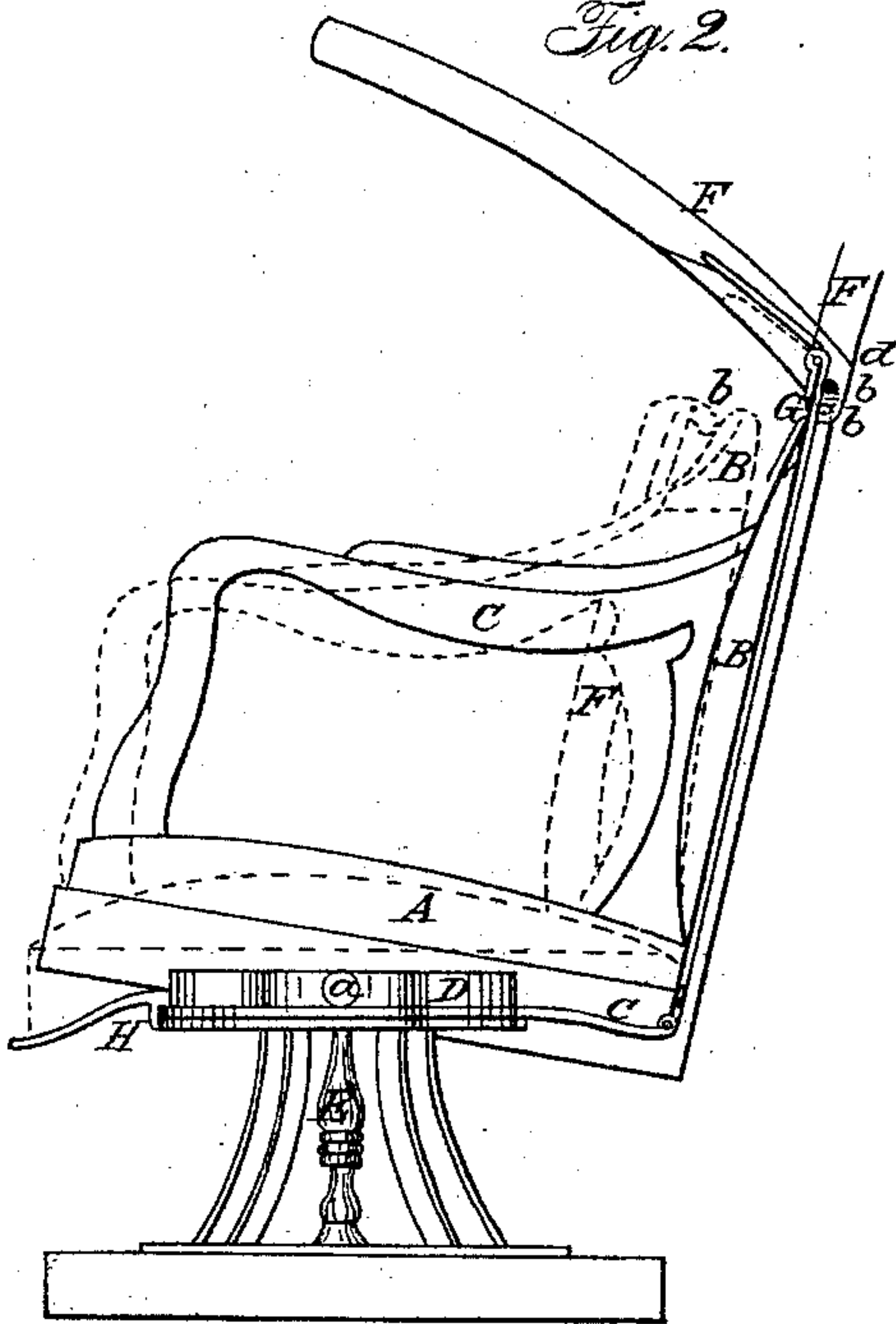


Fig. 4.

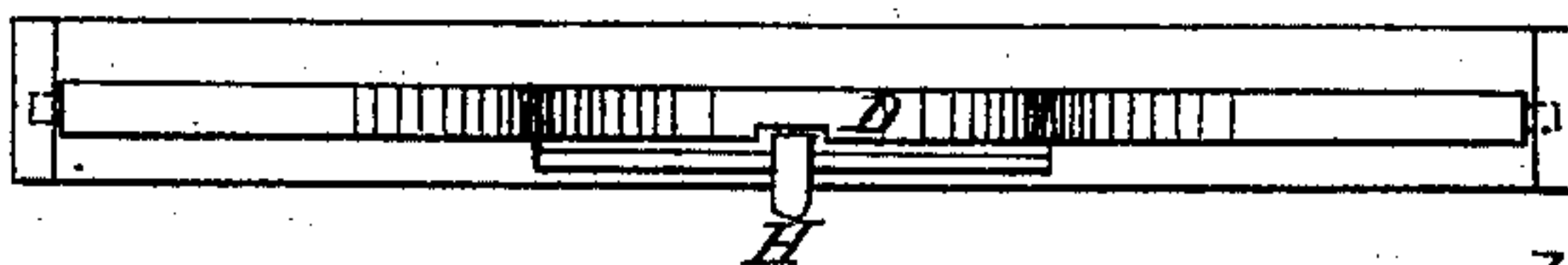
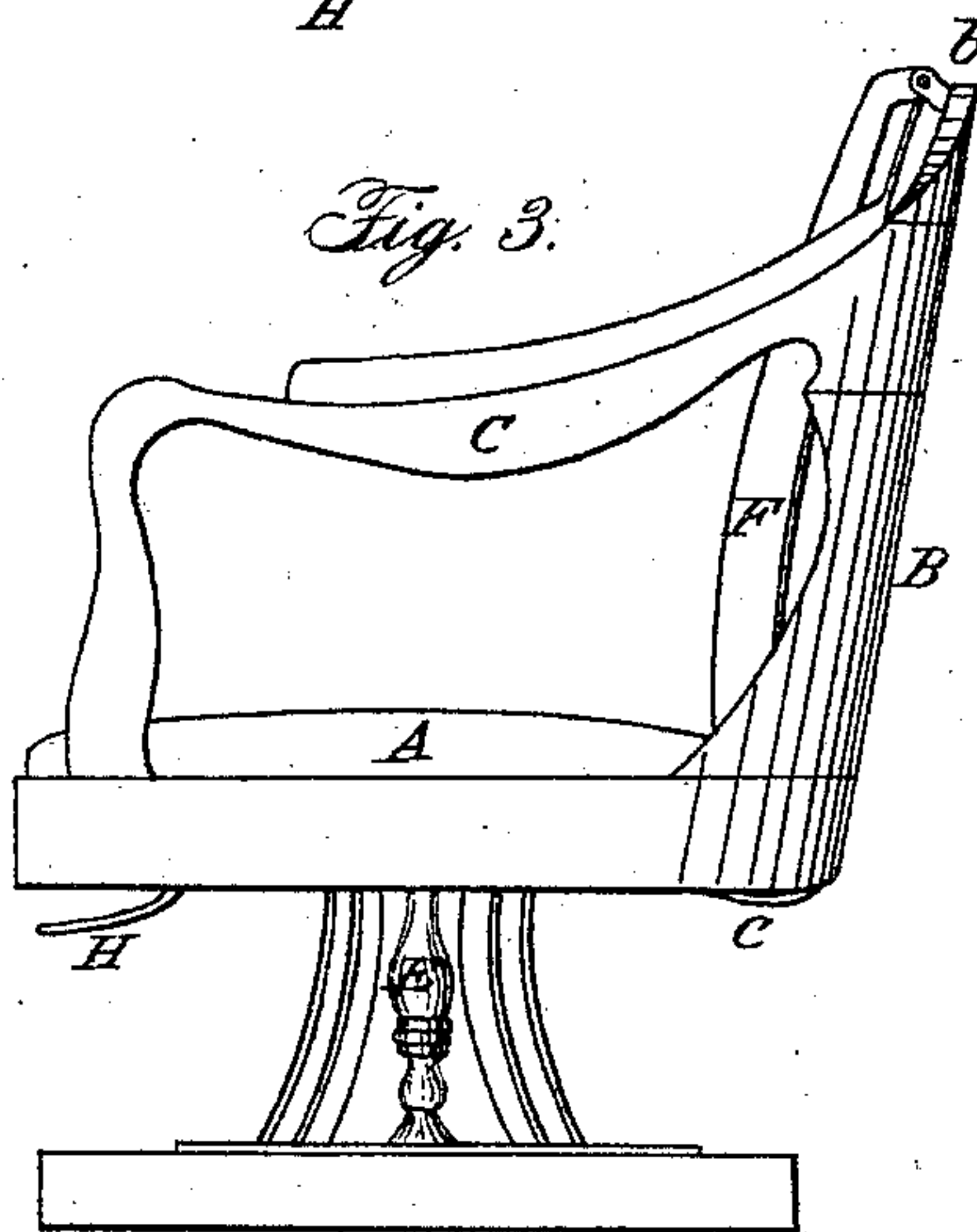


Fig. 3.



UNITED STATES PATENT OFFICE.

WM. M. WARREN, OF WATERTOWN, CONNECTICUT.

RAILROAD-CAR SEAT.

Specification of Letters Patent No. 9,880, dated July 26, 1853.

To all whom it may concern:

Be it known that I, WILLIAM M. WARREN, of Watertown, in the county of Litchfield and State of Connecticut, have invented a new and useful Improvement in Car-Seats; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1, is a front view of my improved car-seat. Fig. 2, is a section of the same; the hinged back being partially raised, and the horizontal position of the seat and different position of the hinges, which secure the hinged back to the stationary back being shown by red and black dotted lines. Fig. 3, is also a side view; the hinged back being depressed, and resting against the stationary back. Fig. 4, is a front view of the cross-piece, on which the car-seat is hung.

Similar letters of reference indicate corresponding parts, in each of the several figures.

The nature of my invention consists in attaching the hinged back to the stationary back, in such a manner that the seat will be inclined as the hinged back is raised, and brought to a horizontal position, when the hinged back is depressed and placed against the stationary back. By this arrangement, as will presently be seen, a person may adjust the seat, in a moment of time; so as to make it convenient for sleeping, merely by raising the hinged back; and by depressing it, the seat is brought to the usual horizontal position.

To enable others skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A, represents the car-seat, to which is permanently attached the back, B, and arms, C. The seat, A, is hung on pivots, (a), (a), at the ends of a cross-piece, D, which rests upon a pedestal E, underneath its center; see Figs. 2, and 4.

F, is a hinged or an adjustable back, attached to the upper end of the stationary back, B, by hinges, (b), (b).

G, is a metal strip, attached at its lower end to a projection (c) secured to the cross-piece, D. The upper part of the strip, G, is secured to the adjustable back F; a joint or hinge, (d), being placed in the strip, a short distance above the line of the hinges, (b), (b); see Fig. 1. Now, it will readily be seen that, if the adjustable back, F, is depressed, the seat, A, will be brought to a horizontal position; and if raised, the seat will be inclined; because the hinge or joint (d) in the strip, G, is rather above the hinges, (b), (b), and therefore, by raising the adjustable back, F, the line of the hinge, (d), being the line of fulcrum the hinges, (b), (b), bear downward upon the top of the stationary back, B; and, as the seat, A, is hung on pivots, (a), (a), the seat will of course be inclined. By depressing the adjustable back F, the hinges, (b), (b), elevate the seat and bring it to a horizontal position; as seen in Fig. 3.

The cross-piece, D, turns or rotates on the pedestal, E; and the seat therefore may be turned so as to face the direction in which the car is going; a spring, H, fitting in a recess in the top of the pedestal, securing the cross-piece and seat in the proper position.

I do not claim a rotating seat, for they have been previously used; but,

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is,

Attaching the hinged or adjustable back, F, to the stationary back, B, by means of the hinges, (b), (b), and having a jointed or hinged metal strip, G, secured to the adjustable back and to the cross-piece, D; the hinge or joint (d) of the metal strip above the line of the hinges (b), (b), by which arrangement, the seat A, is inclined, or brought to a horizontal position, as the adjustable back is raised or depressed, as herein shown and described.

WM. M. WARREN.

Witnesses:

EDWARD GUERNSEY,
SAML. A. MERWIN.