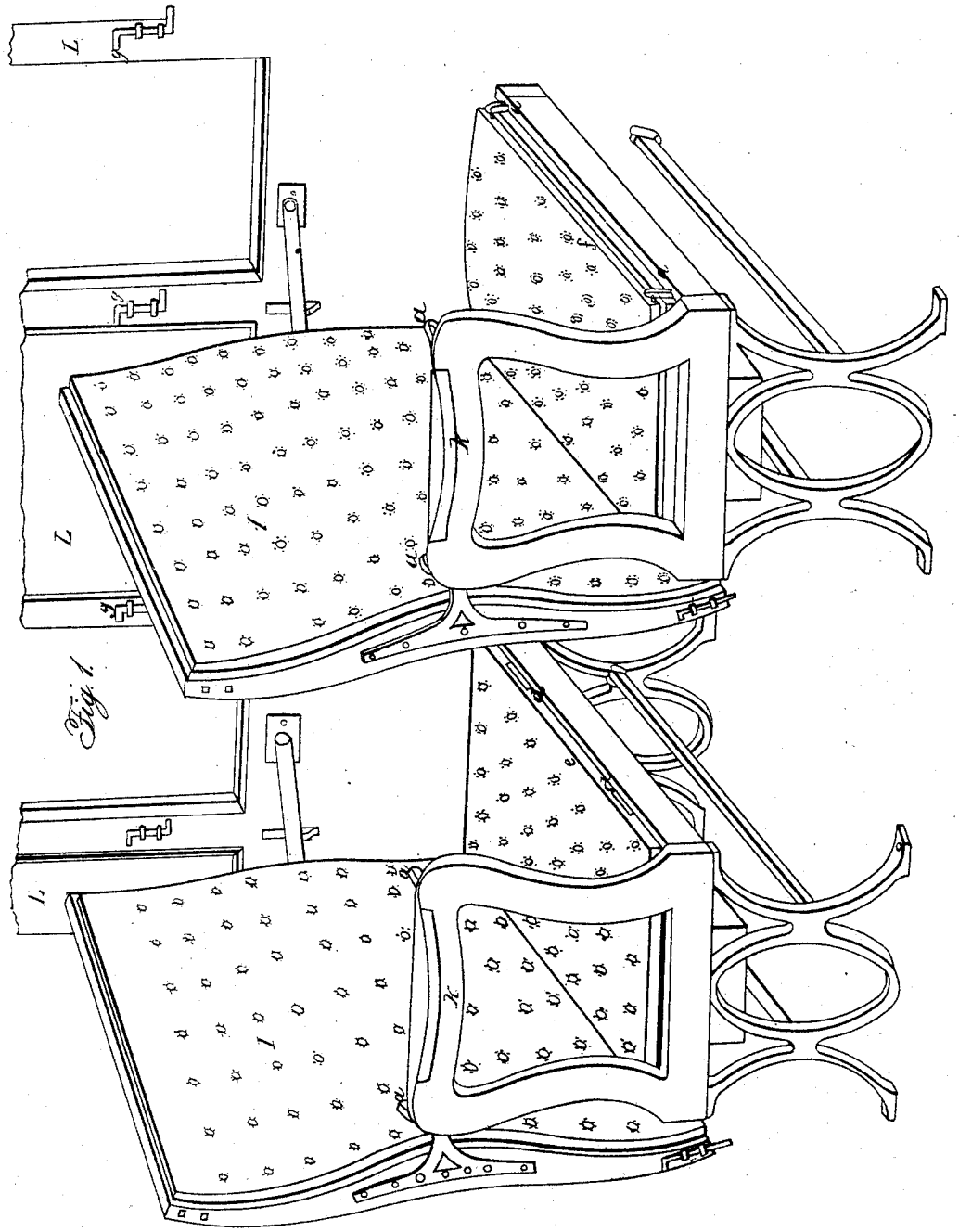
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H. B. MYER.

Car Seat and Couch.

No. 11,699. Patented Sept. 19, 1854.



Witnesses:

Edward D. Hartman

Henry O. Hohman

Inventor:

Henry B. Myer

THE NORRIS PETERS CO., WASHINGTON, D. C.

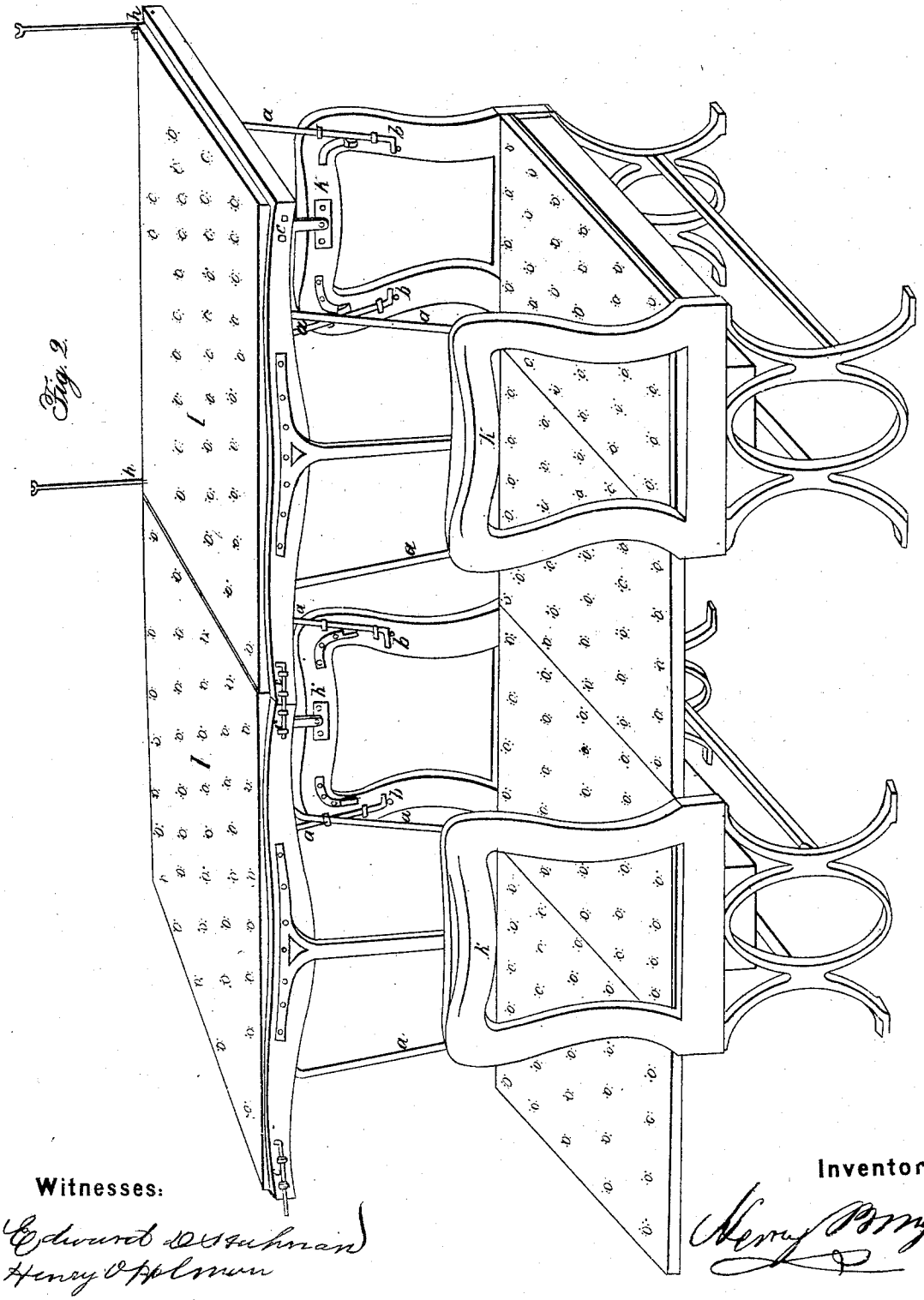
2 Sheets—Sheet 2.

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Fig. 2.



Witnesses:

Edward D. Huhman

Henry Holman

Inventor:

Henry B. Myer

THE YORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HENRY B. MYER, OF BUFFALO, NEW YORK.

MODE OF CONVERTING THE BACKS OF CAR-SEATS INTO BEDS OR LOUNGES.

Specification forming part of Letters Patent No. **11,699**, dated September 19, 1854.

To all whom it may concern:

Be it known that I, HENRY B. MYER, of the city of Buffalo, in the county of Erie and State of New York, have invented a new and improved mode of converting the seats and backs of railroad-car seats such as are commonly used into beds or lounges for the purpose of sleeping or resting; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in raising the backs of the seats to a horizontal position without detaching them from the frame of the seats, and fastening them there by means of the slides or bolts attached to the frame of the seats or sides of the car, or by cords or wires attached to the roof of the car, or otherwise, and by opening or extending the cushions of the seats, or the articles used therefor, by opening on a hinge attached thereto, or by the best mode of constructing the same, thereby forming two rows or ranges of beds or lounges, one above on the back of the seats, and one below on the cushions, or articles belonging to or used for the seats, said backs and cushions or articles to be so upholstered as, when properly placed, to afford a level and suitable surface.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

The backs of the seats are to be constructed in such proportion to each other and to the distances by which the seats in the car are separated that when they are raised to or fastened in a horizontal position (by means hereinafter described) the backs of any two or more contiguous seats will meet their upper surfaces, forming a continuous and horizontal plane. I turn up the backs of the seats I I, Figure 1, so constructed to a horizontal position, as at I I, Fig. 2, and retain them there by means of the slides or bars, as *a a a a*, Fig. 2, attached to the frames of the seats by raising them to the proper height, and so turning them that their inferior extremities may rest upon the standards, as *b b b b*, Fig. 2, placed in the frames of the seats K K, Fig. 2, for that purpose, or by fastening those sides of the backs, as I I, Fig. 1, adjoining the side of the car L L, Fig. 1, by bars or catches, as *g g g g*, Fig. 1, attached to the sides of the car, or by bolting the backs I I, Fig. 2, together by means of the bolts, as *c c c c*, Fig. 2, or by using cords or wires, as *h h*, Fig. 2, attached to the roof of the car, or by such other mode as may best answer the purpose intended.

The cushions of the seats, or the articles used therefor, are also to be so constructed and proportioned to each other and the distances by which the seats in the car are separated that when they are opened or extended and retained in their proper position (by means hereinafter described) upholstered surfaces of the cushion, or articles used therefor, of any two or more contiguous seats will meet, forming a continuous and horizontal plane. I open and extend these cushions of the seats, or articles used therefor, which are upholstered on two sides, and fitted with hinges *d d d d*, after the manner of the cushion marked E, by raising them up and turning out the lower half, which will then extend to the frame of the next seat, on which it rests by shoving out two bolts placed in the frame of the cushion for that purpose, or by opening the cushions, or articles used therefor, which are upholstered and fitted as represented in the seat marked *f*, or by such other mode as may be best adapted for the formation of lounges or beds.

I form by my plan two ranges of beds or lounges, one placed above the other, extending, if necessary, the whole length of the railroad-car; or the passengers occupying any two seats may, at their option, convert their seats into beds capable of accommodating them in a lying position without incommoding the other passengers in the least. It is intended that persons occupying the beds or lounges should lie lengthwise of the car.

What I claim, and desire to secure by Letters Patent, is—

The construction or formation of beds or lounges on the backs of railroad-car seats by turning them up to and retaining them in a horizontal position, and so arranging the backs of contiguous seats that they may meet and remain in the same horizontal plane by the methods herein described, or by any other substantially the same, and which will answer the intended purpose.

HENRY B. MYER.

Witnesses:
WM. B. CHAMBERLIN,
H. O. HOLMAN.