

(No Model.)

S. UDSTAD.

COMBINED SEAT AND BERTH FOR RAILWAY CARS, &c.

No. 567,819.

Patented Sept. 15, 1896.

Fig. 1.

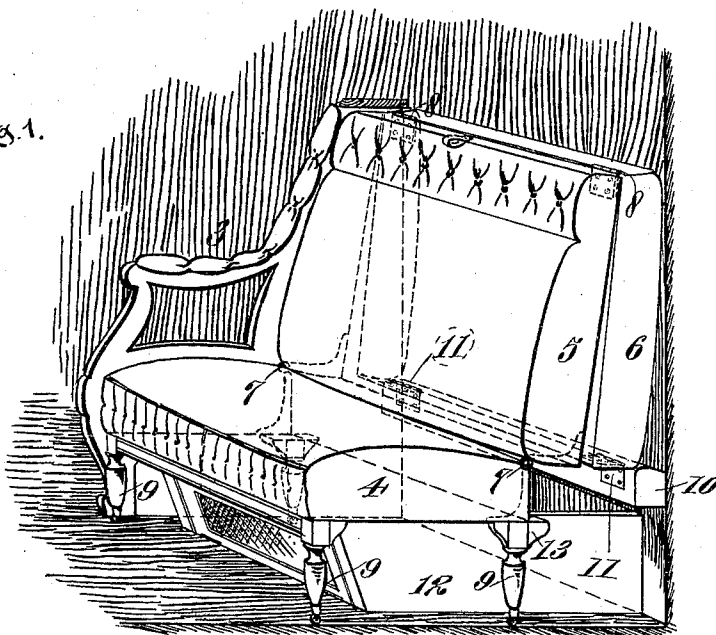


Fig. 2.

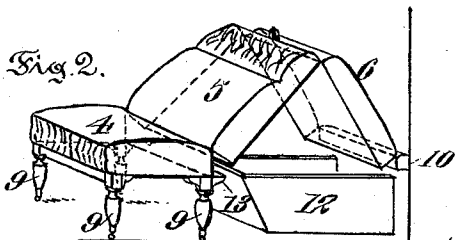
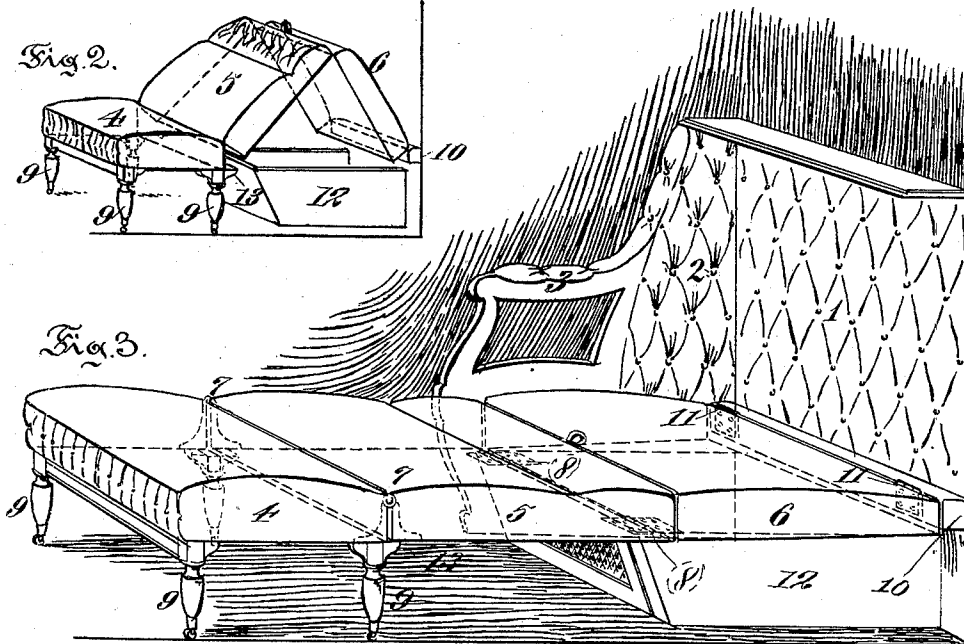


Fig. 3.



Witnesses

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SIGVALD UDSTAD, OF ST. CHARLES, MISSOURI, ASSIGNOR TO THE ST. CHARLES CAR COMPANY, OF MISSOURI.

COMBINED SEAT AND BERTH FOR RAILWAY-CARS, &c.

SPECIFICATION forming part of Letters Patent No. 567,819, dated September 15, 1896.

Application filed May 27, 1896. Serial No. 593,237. (No model.)

To all whom it may concern:

Be it known that I, SIGVALD UDSTAD, a citizen of the United States, and a resident of St. Charles, in the county of St. Charles and State of Missouri, have invented a certain new and useful Improvement in a Combined Seat and Berth for Railway-Cars, Ship-Cabins, &c., 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 a combined seat and berth, my object being to provide such an article which can be readily and quickly changed from a seat to a berth, and vice versa, and which can be cheaply made, and, further, to provide such an article for use where sleeping accommodation is limited, and so limited that neither the double seat of the sleeping-car-section type nor bed-sofa can be used. The invention is well adapted for use in railway-cars, ship-cabins, and, to some extent, for offices and buildings.

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

Figure 1 is a perspective view illustrative of my invention, showing the article in the position it assumes when it is to be used as a seat. Fig. 2 is a perspective view, on a smaller scale, showing the article partly opened out. Fig. 3 is a perspective view showing the article in the position of a berth.

Referring to the drawings, 1 represents an upholstered back, having an upholstered end 2 and an arm-rest 3. If desired, the other end of the upholstered back may be provided with an end 2 and an arm-rest 3, though none is shown in the drawings.

4, 5, and 6 represent three sections, the sections 4 and 5 being hinged together at 7, and sections 5 and 6 being hinged together at 8. These sections are preferably all upholstered, as shown in the drawings, and the section 4 is provided with supporting-legs 9.

10 represents an upholstered strip secured to the wall, and to which the section 6 is secured by hinges 11.

12 represents a box into which the bedding, &c., may be placed, and which is beneath the seat when the article is in seat position, so

as to be at all times covered by the sections 4, 5, and 6. When the article is in the position of a seat, the section 6 is folded back against the wall and the sections 5 and 6 are back to back, while the section 4 forms the seat part of the article, as shown in Fig. 1. To transform the article into a berth, it is only necessary to pull the section 4 outwardly away from the wall, as shown in Fig. 2, and cause the sections to be brought into horizontal line, as shown in Fig. 3, and thus the article can be quickly and readily changed from a seat into a berth, and vice versa. The parts are always in a connected condition and the mere folding and opening out of them is all that is necessary to produce the seat or the berth, as desired.

The inner legs 9 are provided with a projection 13, upon which the adjacent lower corner of the section 5 rests when the sections are opened out into berth form.

The box 12 is preferably so made as to length that when the sections are opened out the section 6 and the edge of section 5 adjacent to the section 6 will rest upon the box, so as to support the sections and relieve the hinges 8 and 11 from strain.

I claim as my invention—

1. A folding seat and berth comprising a box, the inner section 6 adapted to be supported by the box, the middle section 5 adapted to be supported by its inner edge on the box and the outer section 4 having supporting-legs 9 and a projection 13 adapted to support the outer edge of the middle section; substantially as described.

2. In a combined seat and berth, the combination of the sections 4, 5, and 6, the sections 5 and 6 being hinged together so as to fold back to back, and said sections 4 and 5 being hinged together so as to assume a position approximately at right angles to each other when the article is used as a seat, and supporting-legs and projection secured to said section 4, substantially as set forth.

3. In a combined seat and berth, the combination of the sections 4, 5, and 6 hinged together, said section 4 being provided with supporting-legs and having a projection 13, and said section 6 being hinged to a support, substantially as set forth.

4. In a combined seat and berth, the combination of the sections 4, 5, and 6 hinged together, and a box 12, said section 4 being provided with supporting-legs and said box being adapted to receive the section 6 when the sections are opened out into berth form and to support the middle section by its inner edge, substantially as set forth.
5. In a combined seat and berth, the combination of the sections 4, 5, and 6 hinged together, and a supporting-box 12, said section 4 being provided with supporting-legs and with a ledge or projection 13, substantially as set forth.

SIGVALD UDSTAD.

In presence of—

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