A. S. DOTTER.

Car Seat.

No. 66,228. Patented July 2, 1867.

Fig. 1.

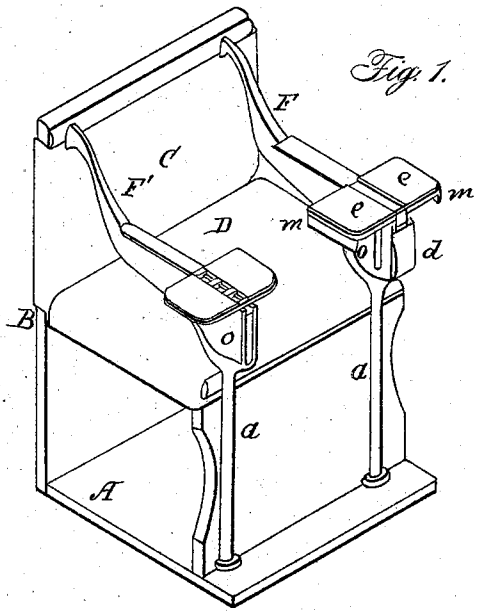


Fig. 7.

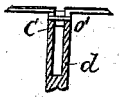


Fig. 4.

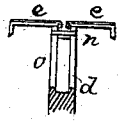


Fig. 3.



Fig. 6.

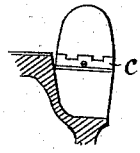


Fig. 5.

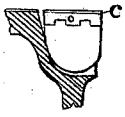
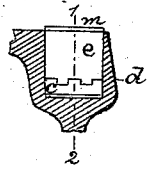


Fig. 2.



Witnesses:

Wm. Allat Stub
John Packer

Inventor:

A. S. Dotter
By his Atty
H. Howson

AM. PHOTO-LITHO. CO. N. Y. (OSBORNE'S PROCESS.)

United States Patent Office.

A. S. DOTTER, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 66,228, *dated July* 2, 1867.

IMPROVED CAR-SEAT.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, A. S. DOTTER, of Philadelphia, Pennsylvania, have invented an improvement in Car-Seats; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of a leaf or leaves, so connected to the arm of a car-seat that they can be folded down and occupy a depressed portion in or against the said arm, or may be elevated and folded outwards, so as to form with the arm an available seat when the ordinary seats are occupied.

In order to enable others to make and apply my invention, I will now proceed to describe the manner of carrying it into effect, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a perspective view of my improved seat.

Figure 2, a sectional view of part of the seat.

Figure 3, a section on the line 1–2, fig. 2.

Figure 4, the same as fig. 3, showing the parts in a different position.

Figures 5, 6, and 7, sectional views, showing a modification of the improvement.

A represents a portion of the floor of a city railroad car, and B a part of one of the sides, to which a cushion, C, is so secured as to form a back for the usual seat D. F F are arms of cast iron, or other material, which are secured to the sides of the car above the cushion C, and to the said arms are secured rods *a a*, the lower ends of which rest in suitable sockets in the floor of the car. In that portion of each arm directly above the rod *a* is a recess, *d*, in which is a bar, *c*, and to the upper edge of the latter are hinged two plates or leaves *e e*, which may be folded together and introduced into the recess *d*, as shown in fig. 3, or may be elevated and opened so as to rest on the upper edge of the arm, as shown in fig. 4. The bar *c* slides freely in a vertical direction in the recess *d*, but is maintained within the latter by a pin, *n*, the ends of which project into vertical slots *o o* in opposite sides of the arm. The adjacent sides of the leaves *e e* are covered with plush, or other suitable material, and at the outer edge of each leaf is a flange, *m*, which, when the leaves are folded together and introduced into the recess, extends over the edge of the arm, as shown in fig. 3. The arms F are secured at such distances apart that the space between each two will be sufficient to permit one passenger to be comfortably seated, and the plates *e e* remain folded together within the recess *d* until the usual seats are occupied, when the plates may be withdrawn and unfolded, as shown in fig. 1, to afford seats for additional passengers. The bar *a*, instead of sliding in the recess *d*, may turn on a permanent pin, *o'*, the front edge of the arm being cut away, as shown in figs. 5 and 6, so that the bar and its leaves may be turned to introduce the leaves into the recess, as shown in fig. 5, or to withdraw the same, as shown in fig. 6. The leaves *e e* may be hinged directly to the edge of the arm so as to be folded downwards, or secured in an elevated position by suitable devices, and detachable or permanent arms of any desired shape may be used. A single leaf of sufficient width may also be substituted for the two leaves described.

Without confining myself to the precise construction and arrangement of parts herein described, I claim as my invention, and desire to secure by Letters Patent—

One or more leaves or plates, attached to arms of a car-seat so as to be either folded and depressed, or elevated and secured in a horizontal position, all substantially as and for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

A. S. DOTTER.

Witnesses:

CHARLES E. FOSTER,

JOHN WHITE.