

JOHN STEPHENSON.

Improvement in Street-Cars.

No. 126,756.

Patented May 14, 1872.

Fig. 1

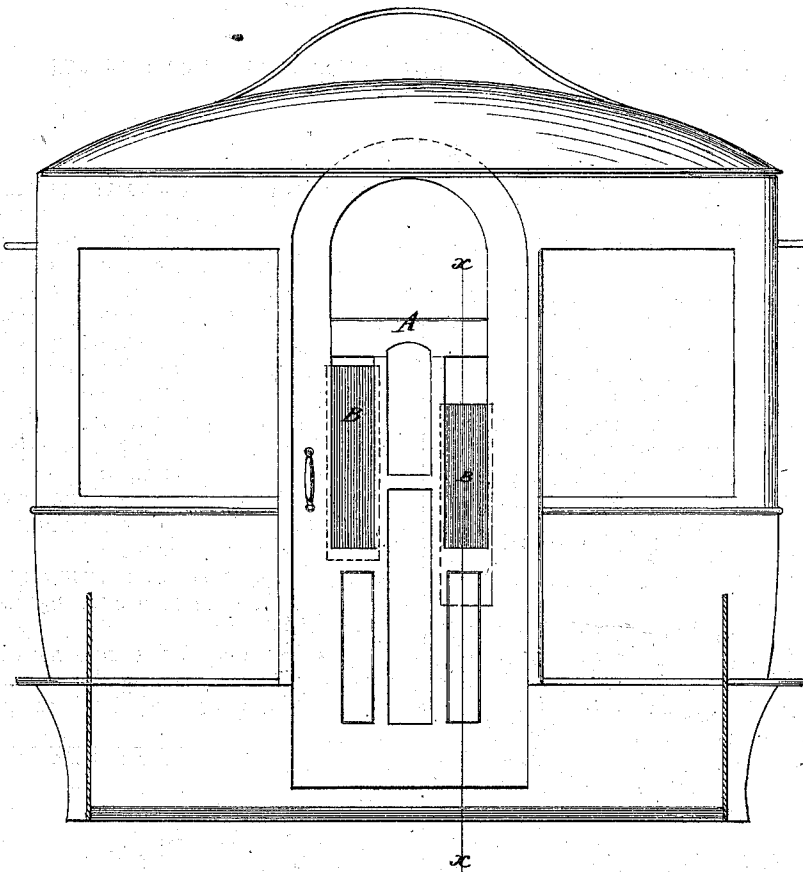


Fig. 2



Witnesses:

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UNITED STATES PATENT OFFICE.

JOHN STEPHENSON, OF NEW YORK, N. Y.

IMPROVEMENT IN STREET-CARS.

Specification forming part of Letters Patent No. 126,756, dated May 14, 1872.

CASE B.

Specification describing a new and useful Improvement in Street-Cars, invented by JOHN STEPHENSON, of the city, county, and State of New York.

This invention relates to a new and useful Improvement in cars for street railway, chiefly valuable in cars with fare-boxes, more especially when the car is managed by the driver only; and it consists in one or more sliding panels in the front door of the car, the construction being as hereinafter more fully described.

In the accompanying drawing, Figure 1 represents a view of the front end of the car. Fig. 2 is a vertical cross-section of the door taken on the line *xx* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the door in the front end of the car to admit the driver onto the driver's platform. B B are sliding panels therein, made of glass or other suitable material.

In managing cars of the description above referred to it is desirable that passengers should not occupy the front platform; therefore the front door of such cars is usually kept closed, and communication with the driver is obtained through a change-gate in the door.

In warm weather this arrangement is objectionable, as the closed door prevents a free circulation of air through the car, which is a serious inconvenience to passengers. My invention obviates this objection. The panels B (one or more) are secured in grooves in the door so that they will readily slide up and down. The door may be made so as to allow panels to slide laterally; but I prefer the arrangement shown in the drawing. Any suitable device for holding the panels in any desired position may be used.

I do not confine myself to any particular size or form of panel, or location or arrangement of them in the door.

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

In a street-car of the general construction shown, I claim a sliding door provided with sliding panels, as and for the purpose set forth.

JOHN STEPHENSON.

Witnesses:

T. B. MOSHER,
GEO. W. MABEE.