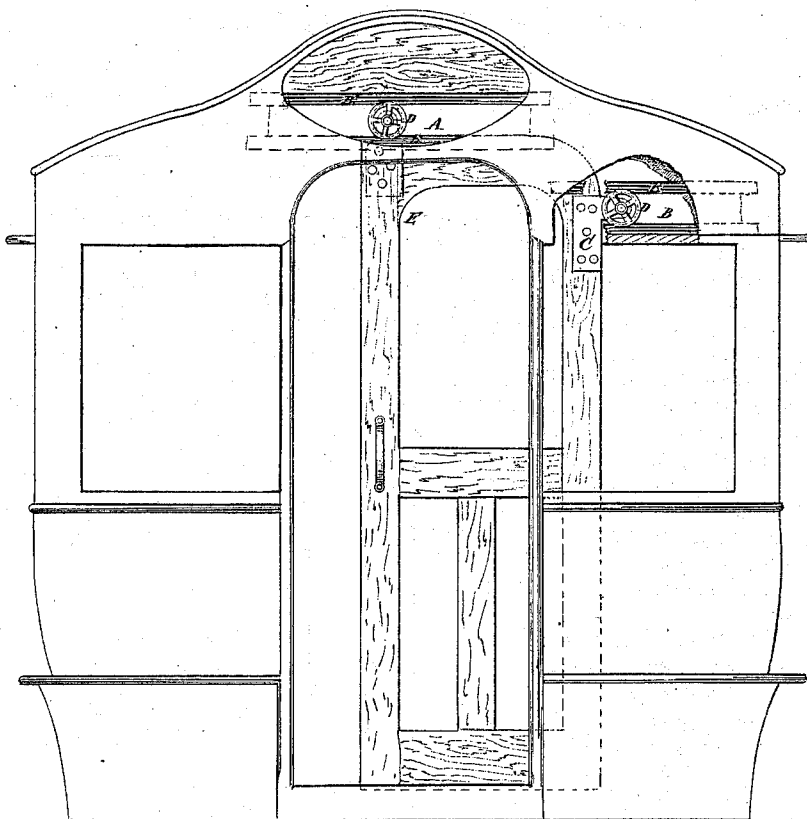


JOHN STEPHENSON.

Improvement in Street-Cars.

No. 126,757.

Patented May 14, 1872.



Witnesses:

A. W. Almqvist
Geo. N. Mabee

Inventor:

J. Stephenson
per Munn & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

JOHN STEPHENSON, OF NEW YORK, N. Y.

IMPROVEMENT IN STREET-CARS.

Specification forming part of Letters Patent No. 126,757, dated May 14, 1872.

CASE D.

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 railways, whereby existing evils are remedied, and the arrangement greatly facilitated whereby the driver is enabled to open and close the entrance-door from the front platform; and it consists in the manner of suspending the door, hereinafter more fully described.

The accompanying drawing is a view of the rear end of a street-car partly in section.

Similar letters of reference indicate corresponding parts.

It is well understood that a sliding door works more easily when suspended at or near the top on pulleys than when resting on pulleys at the bottom, especially when the foot-track is liable to be obstructed by mud or ice. In suspending the door of a car from the top it has heretofore been found necessary to cut away a portion of the roof of the car and make an unsightly protuberance thereon to accom-

modate and cover the "way" on which the suspending pulleys run.

In applying my improvement I make the "way" in two sections, A and B, the latter of which is dropped down sufficiently low to allow of the free movement of the door-sheave without contact with the roof. This arrangement is seen in the drawing. C is an angle-plate attached to the side of the door in which the sheave revolves on the way B. D D are the two sheaves. E is the door. By this arrangement the roof of the car is left intact, and the usual excrescence on the roof of a car is avoided.

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

The door of a railroad car suspended in a "way" formed of two sections, A B, arranged sufficiently low to allow of the free movement of sheaves, all as described.

JOHN STEPHENSON.

Witnesses:

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