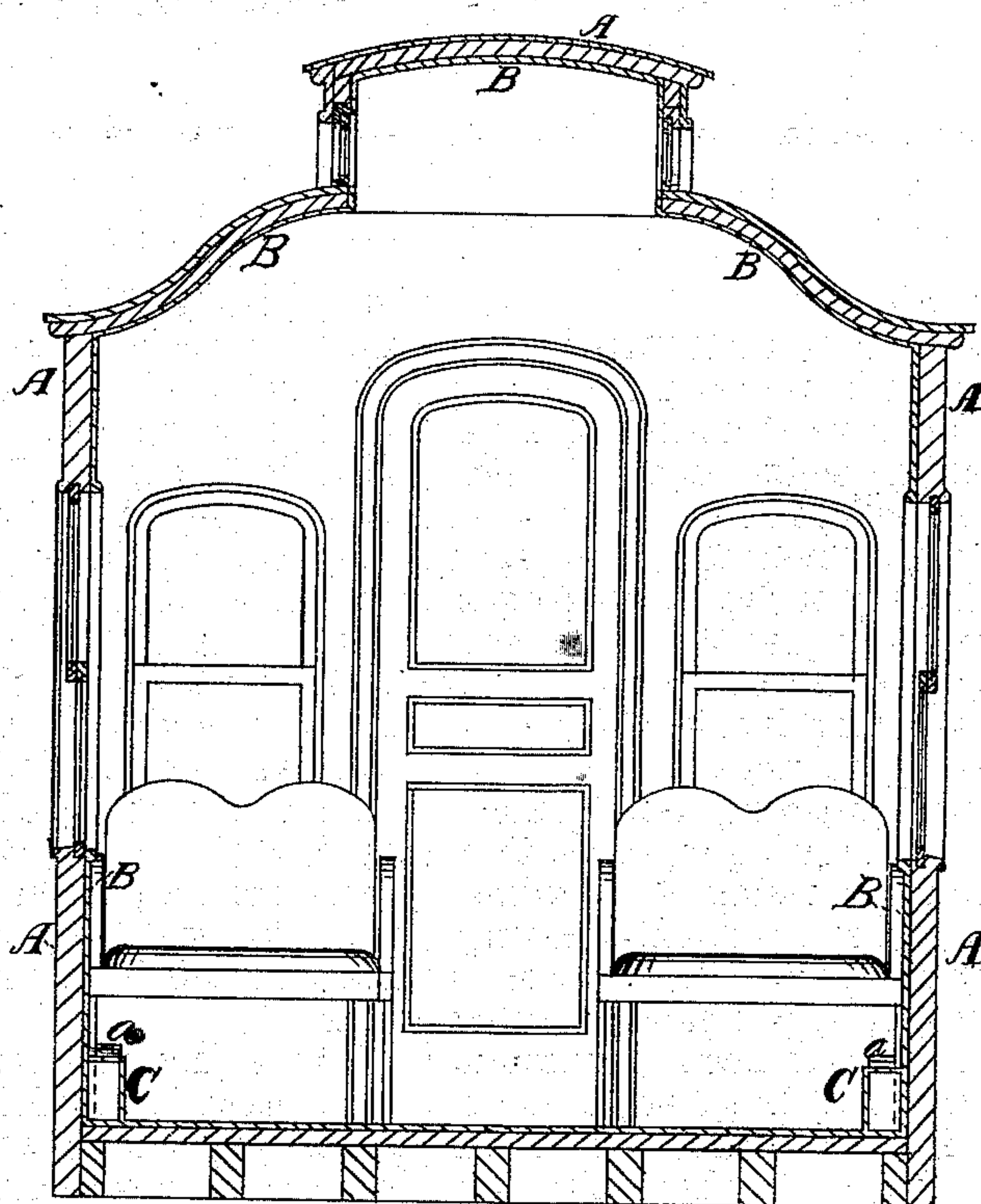


D. PRICE.
Passenger-Cars.

No. 158,519.

Patented Jan. 5, 1875.

FIG. 1.



WITNESSES.

C. H. Woodward
S. H. Parsons

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UNITED STATES PATENT OFFICE.

DANIEL PRICE, OF LOCKPORT, NEW YORK.

IMPROVEMENT IN PASSENGER-CARS.

Specification forming part of Letters Patent No. **158,519**, dated January 5, 1875; application filed June 22, 1874.

To all whom it may concern:

Be it known that I, DANIEL PRICE, of Lockport, in the county of Niagara and State of New York, have invented certain Improvements in Railway Passenger-Cars, of which the following is a specification:

The object of my improvements is to save life and property in case of fire on passenger-cars, and also to promote health and comfort in traveling; and my invention consists in lining or sheathing such cars inside with metal, making them thereby fire-proof.

The accompanying drawing represents a cross-section of a car, showing my invention.

A represents the outer casing of an ordinary passenger-car; B, the inner metal casing. Between this inner casing and the outer shell a sheathing or filling of tarred paper or other material can be arranged to keep out vermin, &c. The metal lining may be of any kind desired—sheet iron, zinc, brass, or other sheet metal. This lining will cover the entire surface of the inside of the cars—casings, floors, ceilings, sides, doors, &c. The floor may be stamped or corrugated to keep it from being slippery, and the doors can be stamped or formed in ornamental patterns, if desired. The main object of this construction is to prevent the quick spread of fire from various causes, such as collisions, upsetting lamps, running off the track, &c., now of so common occurrence, especially in cold seasons.

Cars constructed as I propose would no doubt save many lives as well as valuable property, and take away some of the dread and danger of traveling in them. They would also be

cooler in summer from being lined with metal and warmer in winter by having fewer joints for the wind to beat in. It would also strengthen the construction of cars, and make them last longer. They could also be kept clean easier, and would afford little or no lodgment for bugs or vermin of any kind. The metal would, of course, admit of a finish of any sort, either by painting or otherwise.

It is well known that in case of collisions the wood-work is broken into splinters, which, being very dry, immediately takes fire, or when a stove is overturned or a lamp broken the wood-work of cars becomes ignited at once. These evils my metal lining is intended to obviate, for with it and the iron seats now in use a car would be made nearly fire-proof inside.

I am aware that cars for the transportation of oil have been lined with sheet metal in order to prevent leakage, and this I disclaim. My invention consists in applying the lining to passenger-cars in order to save life and property from fire in case the cars or stove should upset.

Having thus described my invention, I claim—

A passenger-car, A, provided with a metal lining, B, substantially as shown and described.

Signed at Lockport, New York, on the 1st day of May, 1874.

DANIEL PRICE.

In the presence of—

JOSEPH W. HIGGINS,
JAMES W. REED.