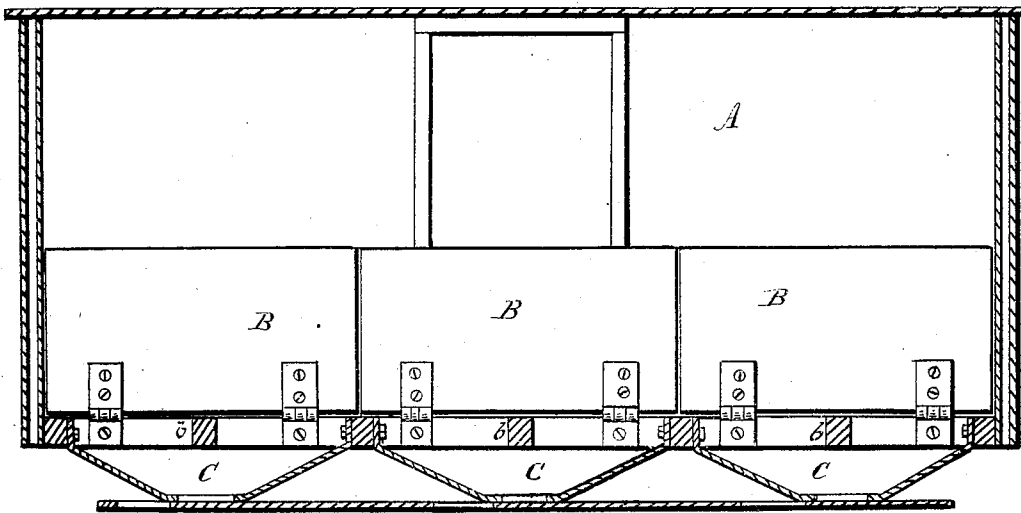


S. W. WOOD.
Grain Cars.

No. 134,181.

Patented Dec. 24, 1872.

Fig. 1.



Witnesses.

E. M. Gallaher.

J. S. Brown,

Inventor.

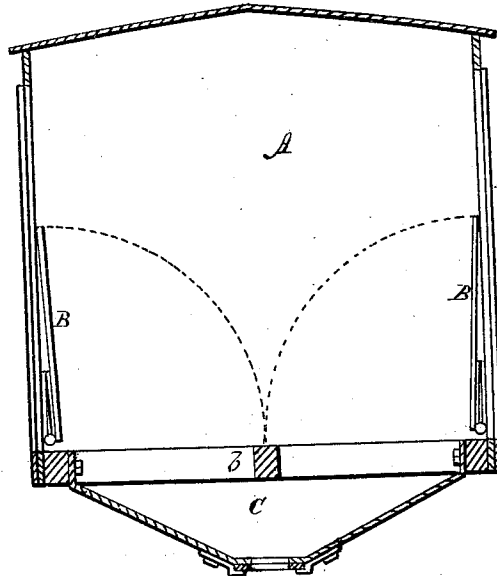
S. W. Wood

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No. 134,181.

Patented Dec. 24, 1872.

Fig. 4.



Witnesses.

E. M. Gallaher,
J. S. Brown.

Inventor.

S. W. Wood

UNITED STATES PATENT OFFICE.

STEPHEN W. WOOD, OF CORNWALL, NEW YORK.

IMPROVEMENT IN GRAIN-CARS.

Specification forming part of Letters Patent No. **134,181**, dated December 24, 1872.

To all whom it may concern:

Be it known that I, STEPHEN W. WOOD, of Cornwall, in the county of Orange and State of New York, have invented a new and useful Convertible Grain and Freight Car; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing making part of this specification—

Figure 1 being a longitudinal vertical section of the body of a car constructed with my improvement; Fig. 4, a transverse vertical section of the car-body, shown in Fig. 1.

Like letters designate corresponding parts in all of the figures.

The nature of my invention consists in a car provided with a movable or removable floor, combined with a hopper or hoppers beneath the bottom of the car, substantially as herein set forth.

Let A represent the body of the car. In Figs. 1 and 4 the floor is composed of several sections, B B B, hinged to the car near the sides thereof, so that they can be turned up

against the sides of the car, as shown, when arranged or adjusted for carrying grain; or the sections B B B composing the floor may be made simply removable and not hinged. Beneath these sections of the floor one or more hoppers, C C C, are arranged or secured in a manner substantially as shown, through which, as spouts, all of the grain in the car can be drawn out without handling. When the car is to be used for ordinary freight purposes the floor-sections B B B are placed in a horizontal position upon the floor-joist *b b* so as to form a close bottom.

What I claim as my invention, and desire to secure by Letters Patent, is—

A movable or removable car-floor, B, in combination with a hopper or hoppers, C, beneath the bottom of the car, substantially as herein set forth.

STEPHEN W. WOOD.

Witnesses:

EDM. F. BROWN,
J. S. BROWN.