

(No Model.)

H. SULLINGS.
Stock Car.

No. 230,835.

Patented Aug. 3, 1880.

Fig. 1.

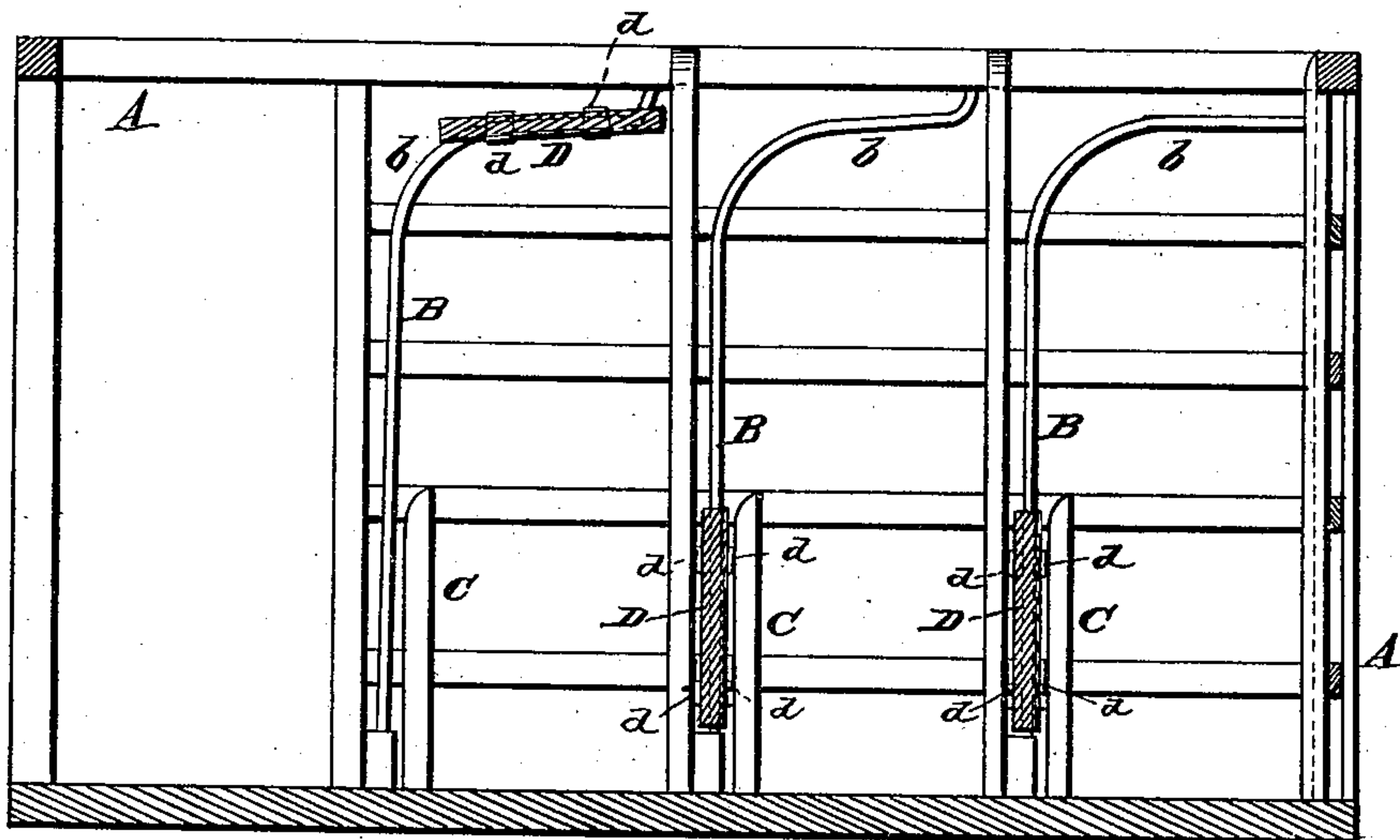


Fig. 2.

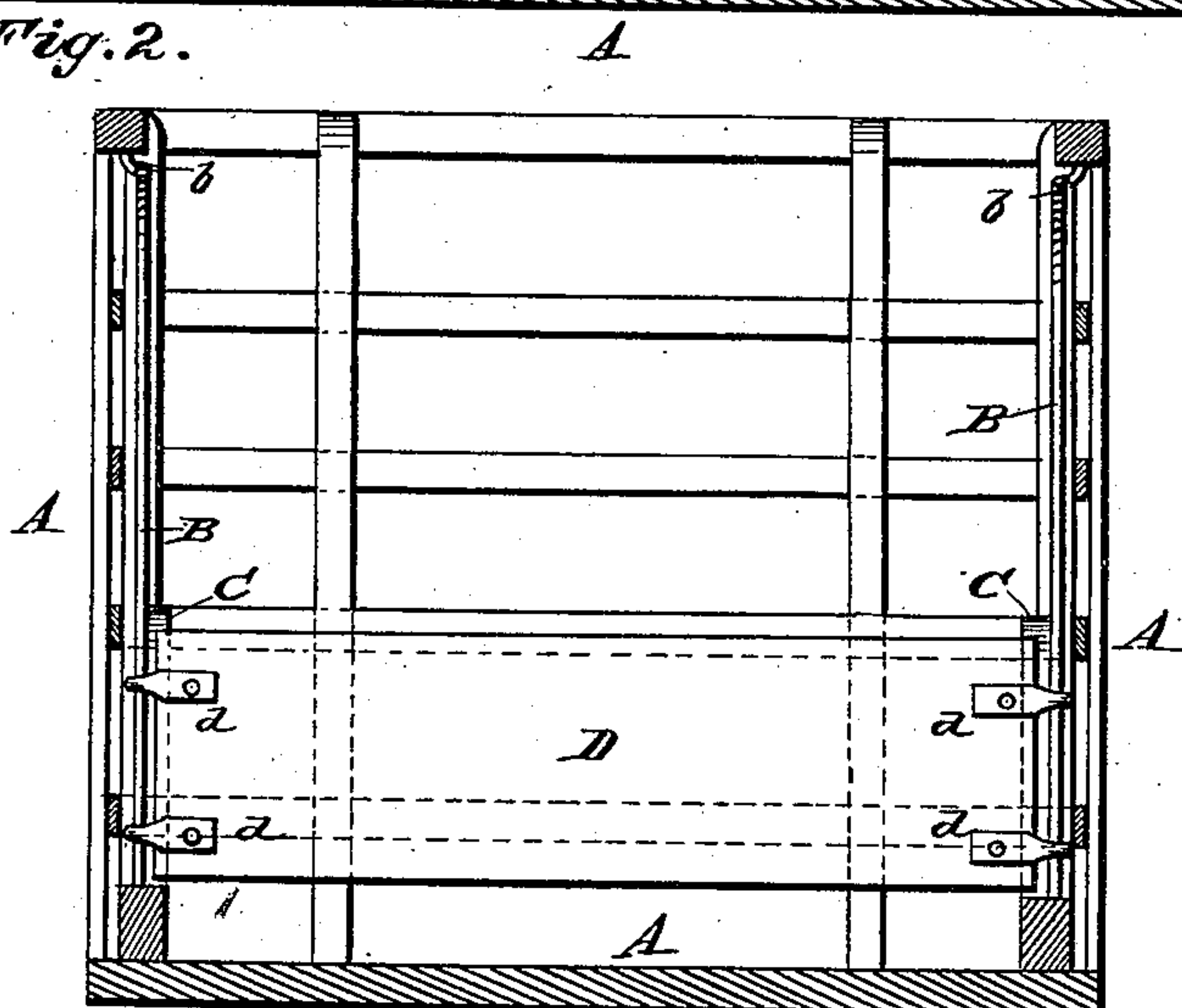
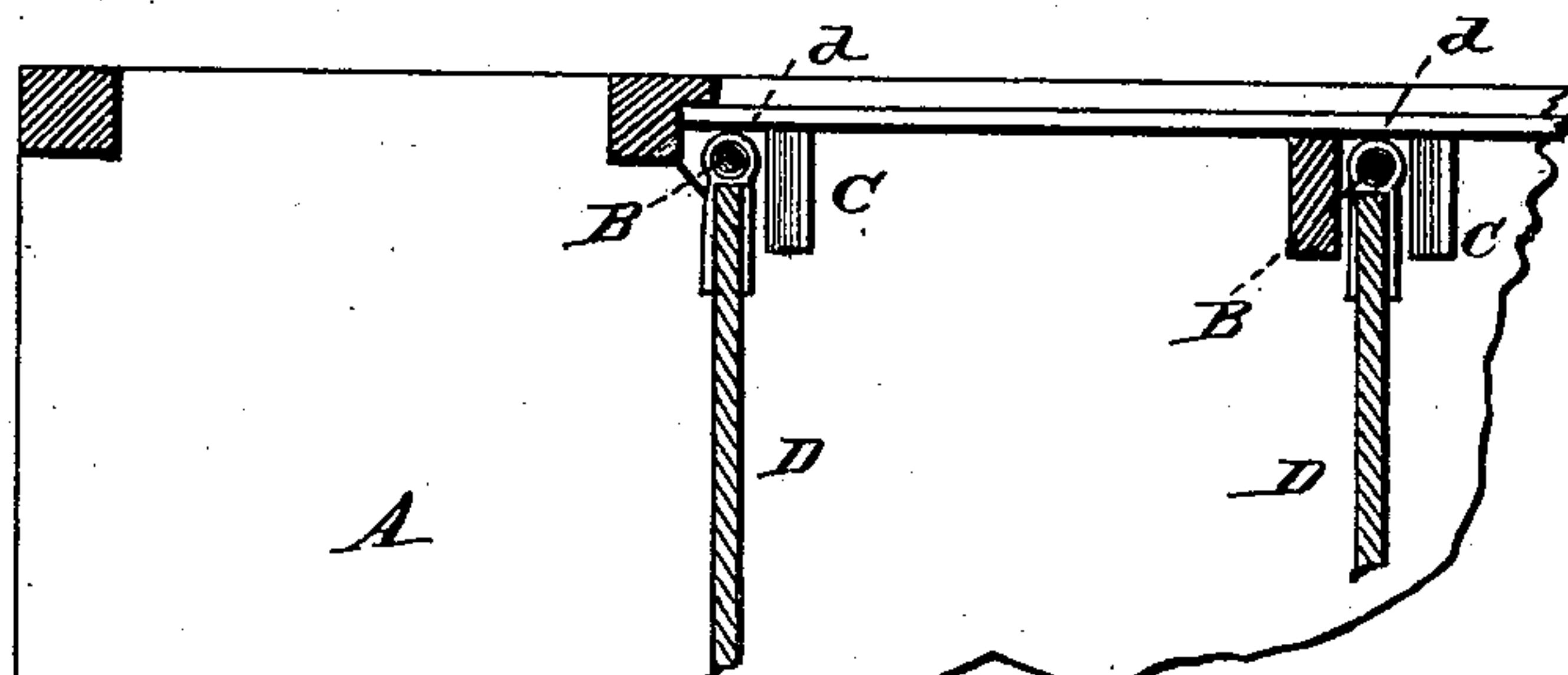


Fig. 3.



Witnesses:
Fred. G. Dietrich
J. H. Dietrich

Inventor:
Hervey Sullings
by W. Peterson
Attorneys

UNITED STATES PATENT OFFICE.

HERVEY SULLINGS, OF KALAMAZOO, MICHIGAN.

STOCK-CAR.

SPECIFICATION forming part of Letters Patent No. 230,835, dated August 3, 1880.

Application filed May 28, 1880. (No model.)

To all whom it may concern:

Be it known that I, HERVEY SULLINGS, of Kalamazoo, in the county of Kalamazoo and State of Michigan, have invented certain new and useful Improvements in Stock-Cars; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a longitudinal section of a stock or cattle car with my improvement applied thereto. Fig. 2 is a cross-section of the same, and Fig. 3 is a detailed horizontal section thereof.

This invention relates to improvements in cars, especially cattle or stock cars, having for its object to provide for the safe and convenient transportation of cattle, &c., in cars; and it consists of separating-partitions or temporary stalls between the cattle or stock adapted to be adjusted into position and to be elevated and thus held out of the way in unloading the cattle or stock from the car, substantially as hereinafter more fully set forth.

In the accompanying drawings, A marks the car, built after the manner of the ordinary stock-car, with its sides provided with vertical rods B, spaced distances apart equal to the width of stalls for the cattle or stock. These rods are carried or curved up, each end one back against the end of the car, and each preceding one back against or toward the one next to or succeeding it, as shown at *b b*, the purpose of which will be explained presently.

Cleats or posts C C are fastened to the sides of the car, alongside of the vertical or upright portions of the rods B, with suitable spaces between said posts and each rod.

D D are the partitions or stall-boards dividing up the car into series of stalls in the direction of its width on each side of the door-

way, with their ends provided at top and bottom with eyes or loops *d d*, which fit around the rods B B, while their said ends are confined and held in position as against lateral pressure from the cattle or animals resting or being jostled against the partitions or boards between the posts or cleats C C.

Previous to loading the cattle upon the car, the stall-boards D D are slid up the rods B, and elevated up out of the way of the cattle upon the horizontal rearwardly-extending portions *b* of said rods, and there held until it is desired to divide up the car into stalls by lowering them into position.

When the car is loaded the boards D D are lowered or can be lowered into position to form or divide up the car into stalls to separate the cattle from and prevent their being jostled against each other or being thrown down by the jerking action of the cars, thus securing the safe transportation of the cattle as well as promoting convenience.

Having thus fully described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In a cattle or stock car, the combination, with the vertical rods B, with the horizontal or right-angled portions *b*, of the stall-boards D, with their ends having eyes fitting around the rods B, substantially as and for the purpose set forth.

2. In a cattle or stock car, the combination, with the rods B, having the right-angled portions *b*, and the posts or cleats C, of the partitions or boards D, having eyes *d*, embracing the rods B, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

HERVEY SULLINGS.

Witnesses:

L. N. BURKE,
LEVI HICKS.