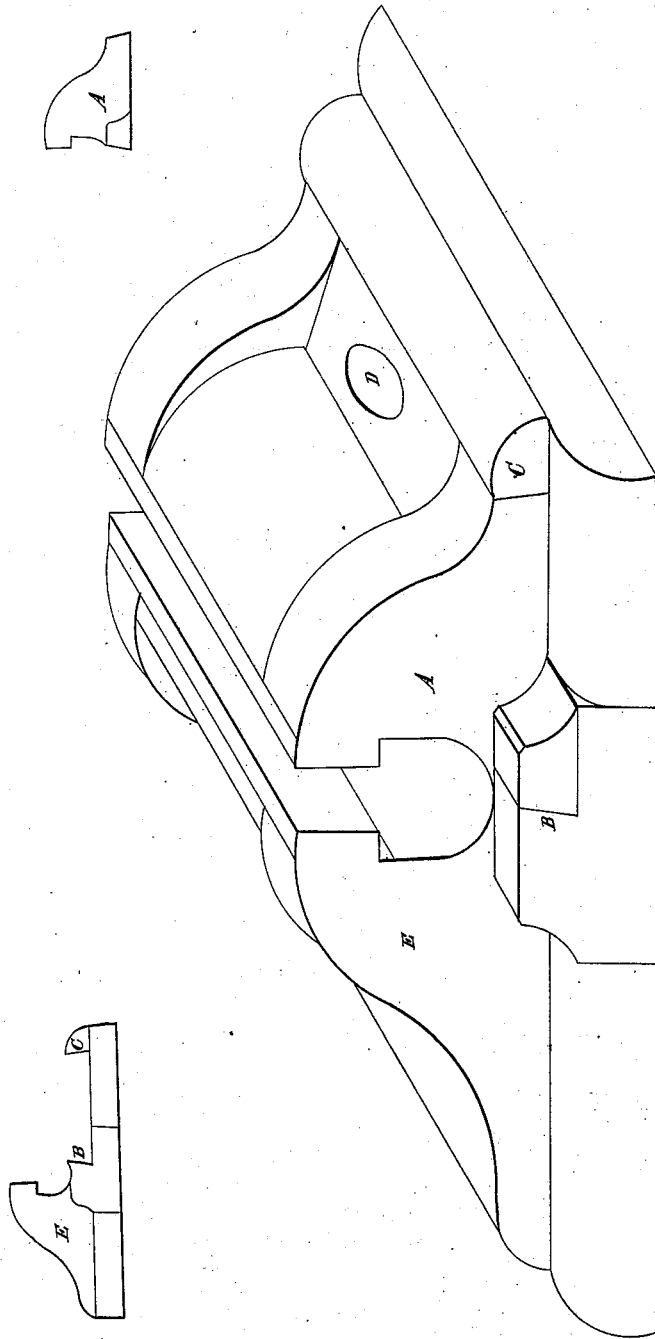


B. M. Evans,
Railroad Chair,

N^o 1442.

Patented Dec. 27, 1839.



UNITED STATES PATENT OFFICE.

BRITTON M. EVANS, OF DOWNINGTOWN, PENNSYLVANIA.

RAILROAD-CHAIR.

Specification of Letters Patent No. 1,442, dated December 27, 1839.

To all whom it may concern:

Be it known that I, BRITTON M. EVANS, of Downingtown, in the county of Chester and State of Pennsylvania, have invented a
5 new and Improved Railroad-Chair to Dispense With the Use of Wedges; and I do hereby declare that the following is a full and exact description.

10 The nature of my invention is intended to obviate the necessity of wedging the wagon rail, and is expected by the invention to supersede the chair now in use.

To enable others skilled in the art of casting and laying railroads to make and use
15 my invention, I will proceed to describe its construction and operation.

20 The improved chair is cast in two parts of which A on the plan represents one, and E the other. It is made of cast iron 9 inches in length, and 5 in breadth, and weighs about 20 pounds.

25 The part represented by the letter E is the larger portion of the chair, containing one jaw, the whole seat, and the beveled shoulders B and C.

A on the plan represents a movable jaw, which slides into the beveled shoulders B and C, and when moved to its place is confined by the pin D. After having placed the rail into the part of the chair E, the jaw
30 A, is driven to its place, fastened by the pin D, firmly grasping the rail, and securing it in its proper position without the assistance of any wedge.

I would have it understood that I am
35 aware that railroad chairs have been made with a movable jaw, and secured by means of wedges. I do not therefore claim that as my invention; but

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

Making the movable jaw with a dovetail, and to fit into a corresponding slide in the chair, and secured by a pin, as above described.

BRITTON M. EVANS.

Witnesses:

SAML. DALE,
W. K. HUFFNAGLE.