

(No Model.)

C. E. MARK.
RAIL CHAIR.

No. 481,575.

Patented Aug. 30, 1892.

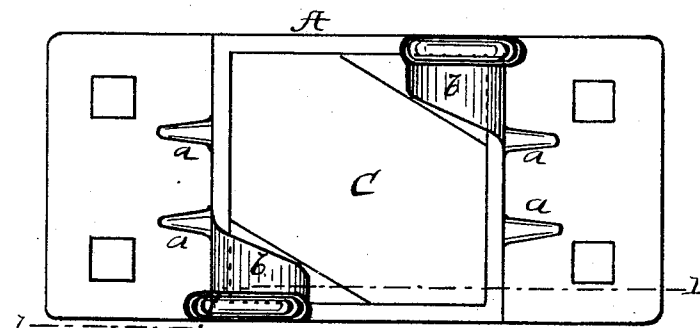


Fig. 2.

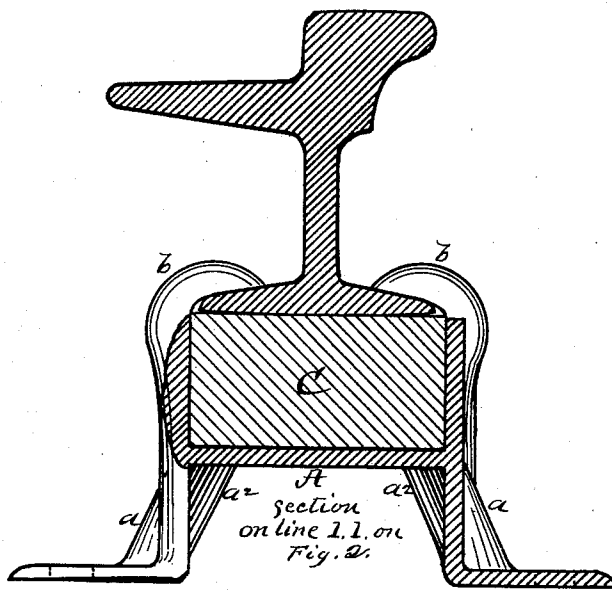


Fig. 1.

Witnesses:

J. Porter
E. Jay Pinney

Inventor,

Charlie E. Mark,

By Geo. W. Tibbitts atty.

UNITED STATES PATENT OFFICE.

CHARLIE E. MARK, OF CLEVELAND, OHIO.

RAIL-CHAIR.

SPECIFICATION forming part of Letters Patent No. 481,575, dated August 30, 1892.

Application filed August 31, 1891. Serial No. 404,180. (No model.)

To all whom it may concern:

Be it known that I, CHARLIE E. MARK, a citizen of the United States, and a resident of Cleveland, Cuyahoga county, State of Ohio, have invented certain new and useful Improvements in Rail-Chairs, of which the following is a specification.

This invention relates to railway-rail chairs; and it consists in the novel construction and combination, substantially as hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a cross-section of a rail and my new chair. Fig. 2 is a top or plan view of the chair.

A represents the body of the chair, which I make in the form of a square or rectangular box having two of its sides extending downward, with feet or flanges turned outward, thus forming a raised support for the box, the said feet having perforations by which it is spiked to the ties. The feet are strengthened by braces or brace-lugs *a a*, and the bottom of the box and the legs are also strengthened by like brace-lugs *a² a²*. On two of the top corners of the box and diagonally opposite each other are provided lips *b b* for bearing upon the flanges of the rail.

C is a block of wood or other like flexible material fitted to tightly fill the box, its top surface being slightly above the top edges of

the box, and upon which the base of the rail sits.

These chairs are cast in malleable iron, and, together with the wood filling, form a perfectly-firm seat for the rail and constitute a slightly-flexible bearing for the rail, rendering them easy and pleasant to ride over.

Having described my invention, what I claim is—

1. A rail-chair embodying in a single element a rectangular-chambered body having two opposite sides extended downward to form legs with flanges and exterior and interior strengthening-lugs and at diagonally-opposite upper corners lips *b*, joining the adjacent exterior lugs, substantially as shown and described.

2. The combination, with the rail-chair in the form of a rectangular box and having feet, lugs, and diagonally-oppositely-arranged lips at the upper corners, of the wood filling in said box, with its upper surface raised slightly above the top edges of the box, and a rail supported on said filling and held by its flanges, substantially as shown and described.

CHARLIE E. MARK.

Witnesses:

GEO. W. TIBBITTS,
E. JAY PINNEY.