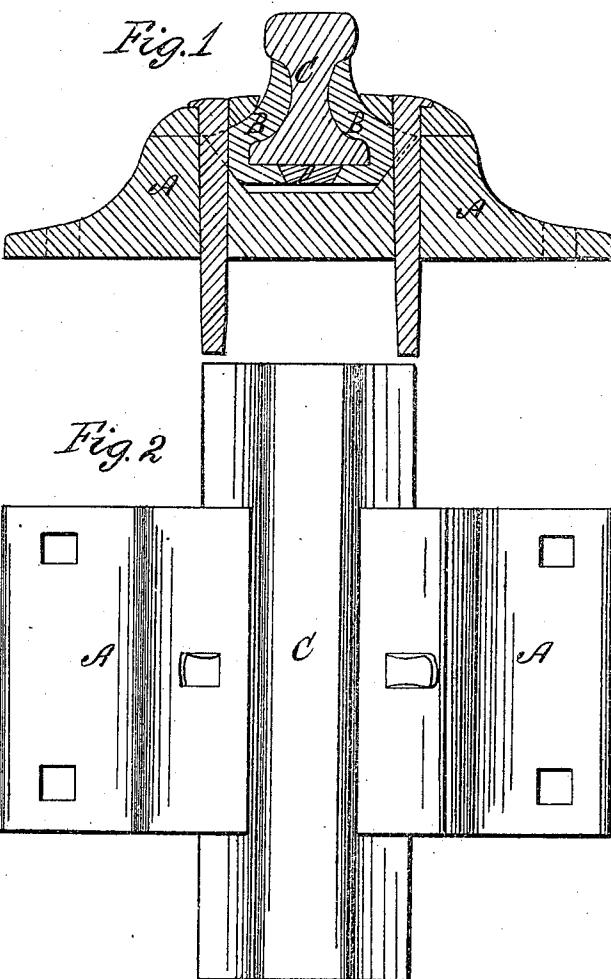


R. ZIDER.
RAILWAY CHAIR.

No. 77,794.

Patented May 12, 1868.



Witnesses;
A. D. Stockbridge
A. N. Morris

Inventor;
Henry Reuben Zider
Alexander Hasson
Attest

United States Patent Office.

REUBEN ZIDER, OF EL PASO, ILLINOIS.

Letters Patent No. 77,794, dated May 12, 1868.

IMPROVED RAILWAY-CHAIR.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, REUBEN ZIDER, of El Paso, in the county of Woodford, and in the State of Illinois, have invented a certain new and useful Improved Railroad-Chair; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and the letters of reference marked thereon.

In the annexed drawings, making a part of this specification, A represents a "railroad-chair," made substantially in the form shown in the drawings, provided with suitable bolt or spike-holes, by which it is secured to the cross-tie.

B B represent clamps, made so as to fit beneath the sides of the T-rail C, and also so as to fit in the bevelled sides of the groove in the chair A, and under the lips thereof.

The clamps B B are provided with holes or recesses, for the spike to pass through, by which they are held from slipping out of place.

A key, D, is driven beneath the rail C, after the parts have been adjusted and secured, and forms a secure and perfect bearing for the ends of the rails.

This device is used by placing the chair A on the cross-tie, in the position desired, and then spike or bolt it through the outside holes thereto, then place the rail C between the flanges of the chair, and drive the clamps B B between said rail and flanges or jaws until the holes or recesses correspond with the inner holes of the chair A, after which the key D is driven into place.

The rails C are held firmly and securely in position by means of the above-described device.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The arrangement of the clamps B B and key D with the chair A, the several parts being constructed substantially as described, thus forming an improved railroad-chair.

In testimony that I claim the foregoing, I have hereunto set my hand, this 3d day of March, 1868.

REUBEN ZIDER.

Witnesses:

JOHN W. LISLE;
C. M. BARRETT,