

No. 647,620.

Patented Apr. 17, 1900.

E. F. TAYLOR.
RAILWAY CHAIR.

(Application filed Dec. 20, 1899.)

(No Model.)

Fig. 1.

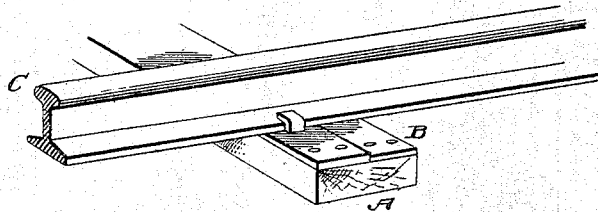


Fig. 2.

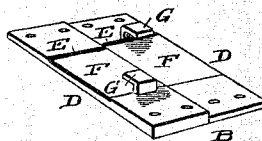


Fig. 3.

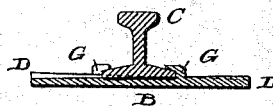


Fig. 4.



Ezekiel F. Taylor

Inventor

Witnesses:

Wm. C. Ashlee
May E. Moore

Wm. C. Moore
Atty.

UNITED STATES PATENT OFFICE.

EZEKIEL F. TAYLOR, OF AZUSA, CALIFORNIA.

RAILWAY-CHAIR.

SPECIFICATION forming part of Letters Patent No. 647,620, dated April 17, 1900.

Application filed December 20, 1899. Serial No. 740,981. (No model.)

To all whom it may concern:

Be it known that I, EZEKIEL F. TAYLOR, a citizen of the United States, residing at Azusa, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Railway-Chairs, of which the following is a specification.

My invention relates to improvements in railway-chairs; and the object of my invention is the provision of a railway-chair which will be inexpensive, durable, and entirely practical.

To attain the desired object, the invention consists of certain improvements in the construction and combination of parts, substantially as disclosed herein.

Figure 1 represents a perspective view of a portion of track with my chair applied to the rails thereof. Fig. 2 represents a perspective view of the chair. Fig. 3 represents a sectional view. Fig. 4 represents a detail view of a modified form of my chair.

In the drawings, A designates the usual railway-ties, B the chair, and C the two rails which are seated in the chair.

My improved chair is of extremely simple construction, and consists of two similar members D, which are each of wedge shape and each formed with the shoulder E, having the recess F, in which rests the flange or base of the rail, and each flange is further provided with a securing lug or ear G.

In the modified form of my invention the members are provided with an interlocking-joint H, which serves to hold them more securely together.

Importance is attached to the fact that the

two members be wedge-shaped in cross-section and that they be arranged with their inclines oppositely disposed, as they thus form a wedge in both directions, so that if the rail were to shift either way it would be wedged and firmly held.

From this construction it will be seen that I provide a railway-chair which forms a perfect seat for the rails and which by reason of its wedge shape forms a perfectly-reliable support, also that the locking or securing ear and the locking-joint make the chair firm and safe. Each member D is provided at each end with spike-holes, as seen in Fig. 2, for the reception of spikes for spiking the chair to the tie.

I claim—

1. In combination with the ties and rails, the chair consisting of the two members having their upper faces oppositely inclined and having the securing-ear for engaging the base of the rail.

2. In combination with the ties and rails, the chair of wedge shape to bind in opposite directions, having the shoulders and the ears to engage the base of the rail.

3. In combination with the ties and rails, the chair consisting of the two members wedge-shaped in cross-section and having the shoulders and having the interlocking joint.

In testimony whereof I affix my signature in presence of two witnesses.

EZEKIEL F. TAYLOR.

Witnesses:

C. T. SIMPSON,
FILLMORE S. DE VOIN.