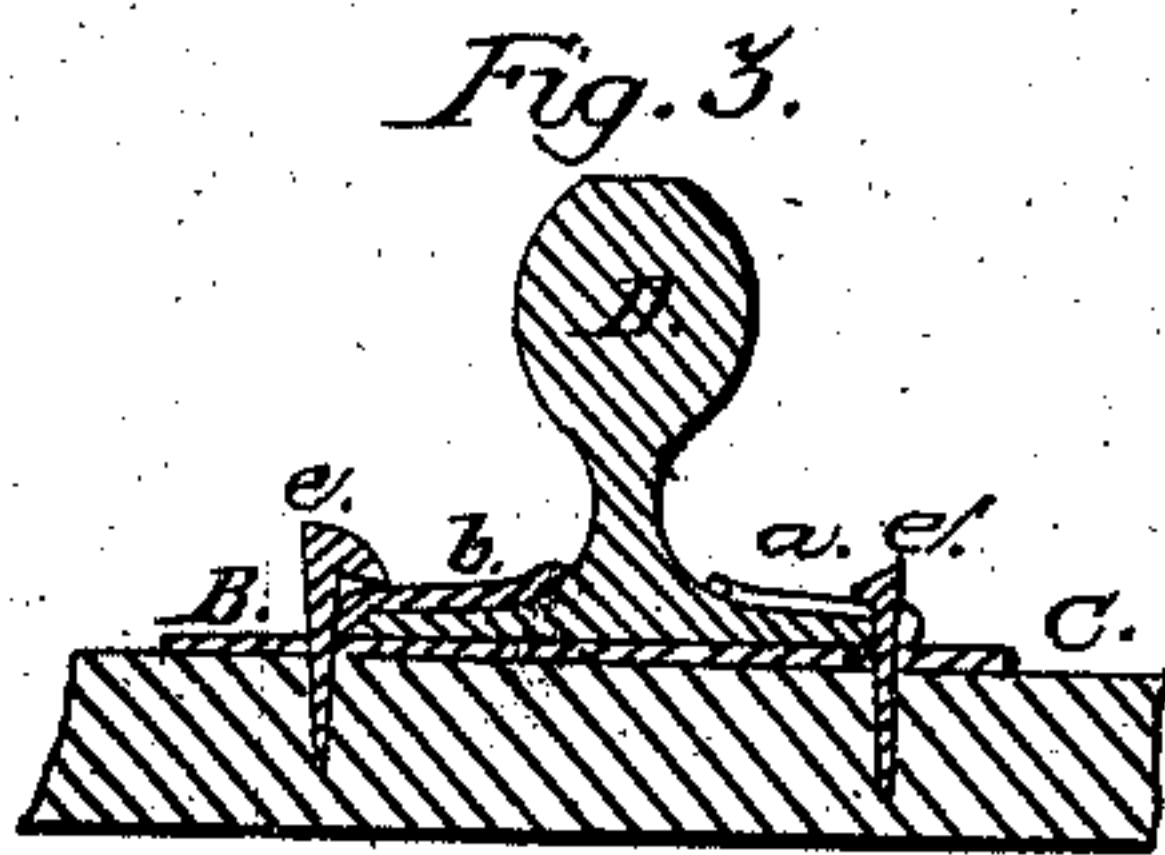
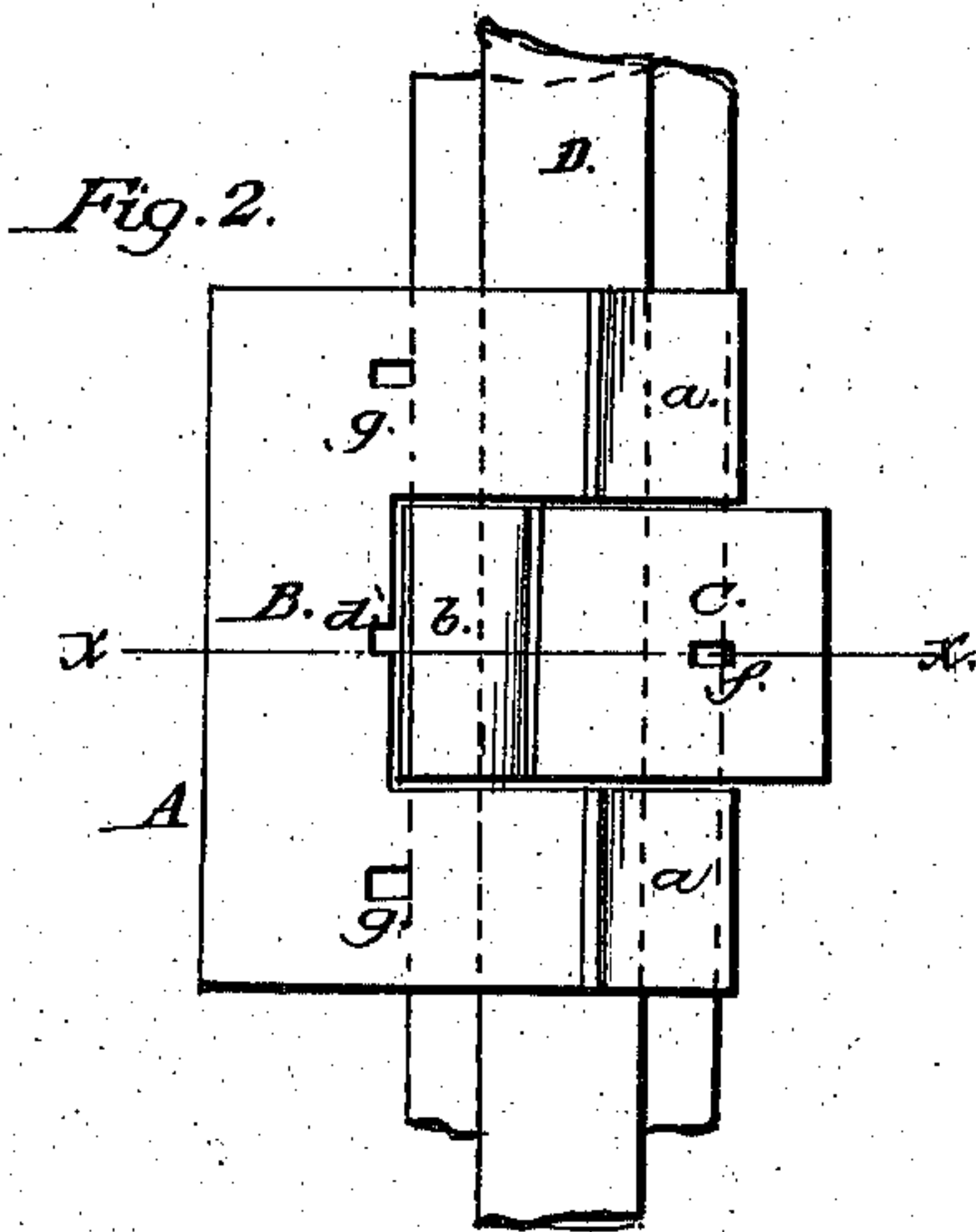
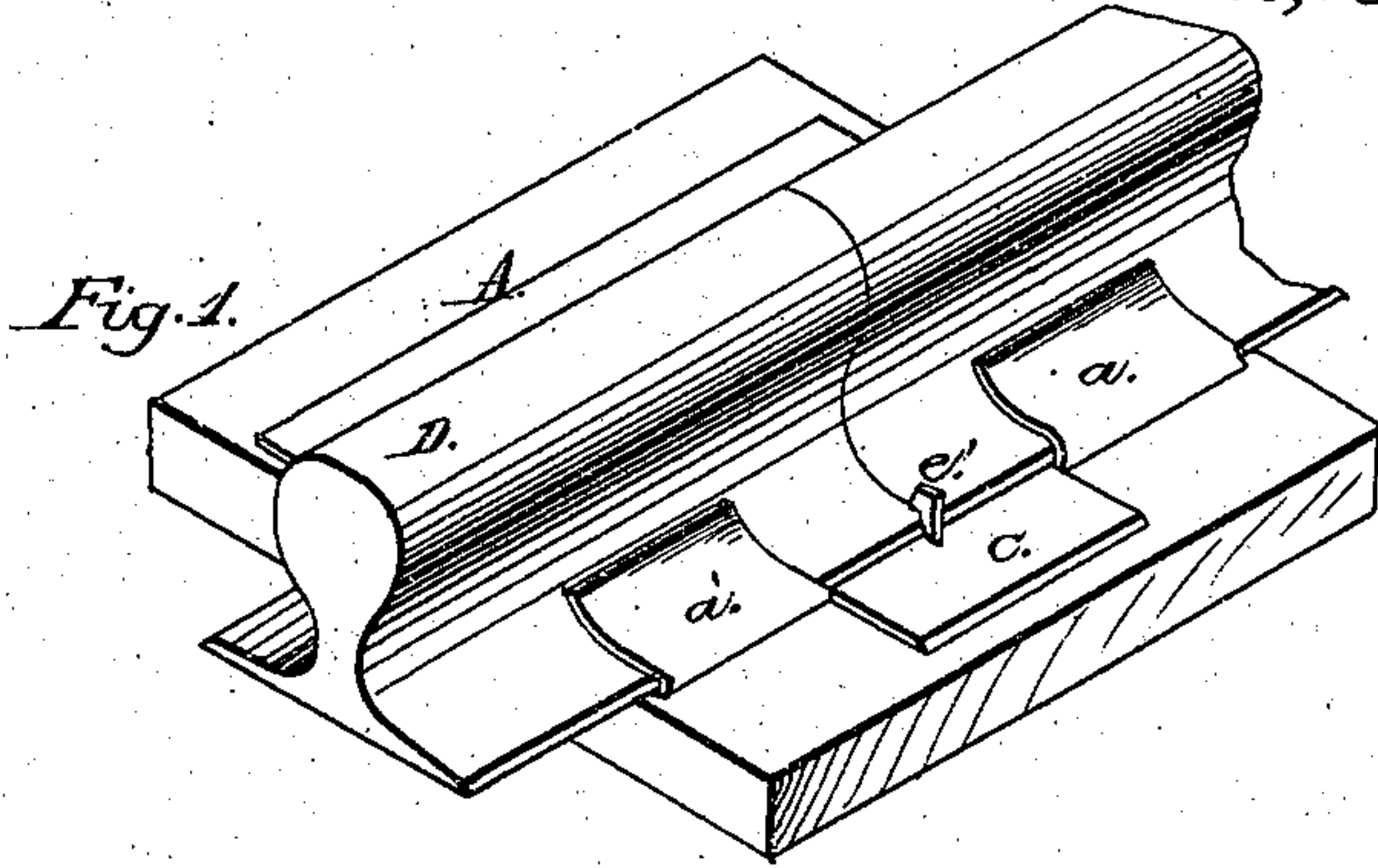


G. Tefft.

Railroad Chair.

N^o 87,525.

Patented Mar. 2, 1869.



Witnesses:
P. O. Dodge,
J. H. Moore.

Inventor:
G. Tefft
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Attorneys



GEORGE TEFFT, OF SALEM, NEW YORK.

Letters Patent No. 87,525, dated March 2, 1869.

IMPROVED RAILWAY-RAIL 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, GEORGE TEFFT, of Salem, in the county of Washington, and State of New York, have invented certain new and useful Improvements in Railroad-Chairs; and I do hereby declare that the following is a full, clear, and exact description thereof; reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

My invention relates to "railroad-chairs."

It consists in certain new and useful improvements in the manner and form of their construction, by which they serve both as a seat for the rail, as well as for tying it fast to the cross-ties or sleepers.

In the drawings—

Figure 1 is a perspective view of the rail in its chair;

Figure 2 is a top plan view of the chair, with the rail shown in red lines; and

Figure 3 is a view of a cross-section on the line $x-x$ of fig. 2.

I construct my chair of two parts, B and C, and arrange them as clearly shown in fig. 2.

The part or piece B, I make with a slot, into which the piece or tongue C fits easily, as shown in figs. 1 and 1.

The ends of the piece B, made by cutting the slot, I bend over, so as to form clasps, a , giving them the proper bevel for receiving and holding the rails D.

The end of the tongue C, which fits into the slot, I bend in a similar manner, so as to form a clasp, b , for the opposite side of the rail D.

In the centre of the end of the slot in the piece B, I make a small slot, d , sufficiently large, however, for a strong brad-headed wedge-shaped spike, e , to be driven, and in the tongue-piece, C, I make another slot, f , lo-

cated so as to be partially under the outer line of the base of the rail D, when in place, and through it I drive another and similar brad-headed wedge-shaped spike, e' .

In using my improved chair, the two parts, B and C, are placed on the rail, as represented in the drawings, and then spiked down upon the sleeper; or, they may be placed on the sleeper first, and the rail slipped in endwise, and then secured by means of the spikes e and e' .

It will be observed that when the chair is in position on the sleeper, with the rail inserted, the parts B and C cannot be separated without raising them off the sleeper, for the reason that the inner end or shoulder of the piece C strikes against the extended part of the piece B, which prevents it from being drawn out, until the parts are raised sufficiently to permit the inner end of C to be raised enough to slide over the piece B, the lips a being on the opposite sides, and preventing their being drawn out in any other manner than as above described.

It will also be observed that the spikes e and e' both bear against the flanges of the rail, and thus, while they operate to draw the lips a and b up against the opposite sides of the rail, at the same time the spikes themselves serve to wedge the rail fast between them, the heads of the spikes resting over the flanges of the rail, and the parts altogether, thus serving to hold the rail in a very secure manner.

Having thus described my invention,

What I claim, is—

The railroad-chair, consisting of the pieces B and C, constructed and arranged for use in the manner herein shown and described.

GEORGE TEFFT.

Witnesses:

JOHN J. NOE,
GEORGE DOWNS.