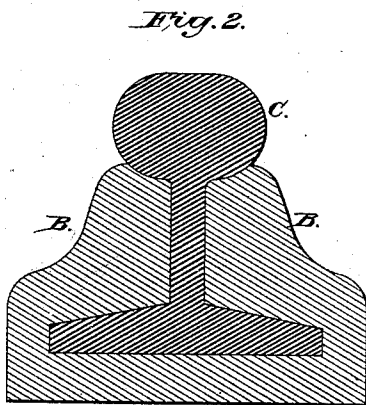
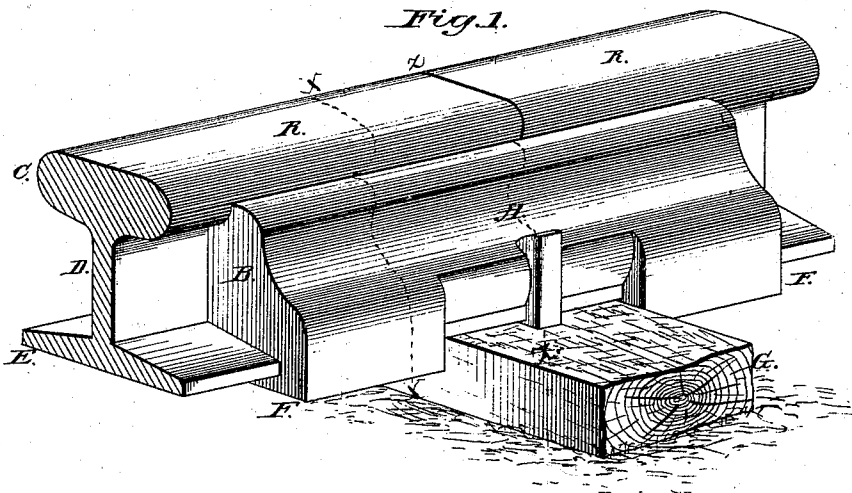


J. GOGERTY.
RAILROAD RAIL-CHAIR.

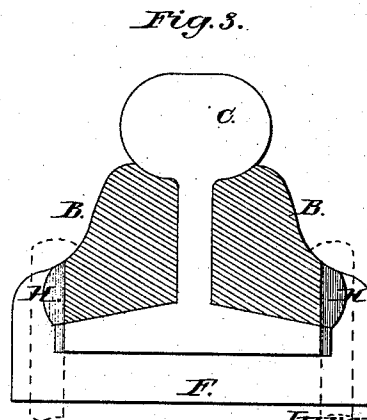
No. 170,168.

Patented Nov. 23, 1875.



Witnesses: *F.*

Levi P. Graham
Jno. W. Lyon,



Inventor:

John Gogerty.
PER.
Chas. P. Housum
His Atty.

UNITED STATES PATENT OFFICE.

JOHN GOGERTY, OF DECATUR, ILLINOIS.

IMPROVEMENT IN RAILROAD-RAIL CHAIRS.

Specification forming part of Letters Patent No. **170,168**, dated November 23, 1875; application filed August 10, 1875.

To all whom it may concern:

Be it known that I, JOHN GOGERTY, of Decatur, in the county of Macon and State of Illinois, have invented a new and useful Improvement in Railroad-Chairs, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of my invention is to tie the rails together with one piece of metal, dispensing with the bolts and nuts used with fish-bars, the chair so constructed that the ends of the rails rest on the tie, and the top of the chair acts as a support under the head of the rail.

Figure 1 of the accompanying drawing represents a perspective view of my device; Fig. 2, a transverse section on the dotted lines *x x*, Fig. 1; and Fig. 3, a transverse section on the dotted lines *z z*, Fig. 1.

A represents the chair, made of one piece of metal, and composed of the bars B B, that embrace the sides of the rails R R, the top of the bars conforming in shape to the bottom of the head C of the rail, as also to the shape of the neck D and the top of the flange E of the

rail. The bars are joined together by the base-straps F F, passing under the flange of the rail at each end of the chair. Sufficient space is left between them for the tie G. The base-straps extend below the upper surface of the tie, which will retain the chair on the tie, or a notch may be cut in the bars B B, as shown at H, and the spike placed therein. By this arrangement the ties can all be placed on the same plane, avoiding the placing of the "chair-tie" below, as is done where the base of the chair rests on the tie. This chair allows of the contraction and expansion of the rails. No bolt or spike is used that goes through the rail, as the spike that is used is placed in a notch in the flange at the end of the rail.

I claim as my invention—

A railroad-chair made of one piece of metal, when composed of the bars B B and base-straps F F, substantially as described.

JOHN GOGERTY.

Witnesses:

LEVI P. GRAHAM,
JNO. W. LYON.