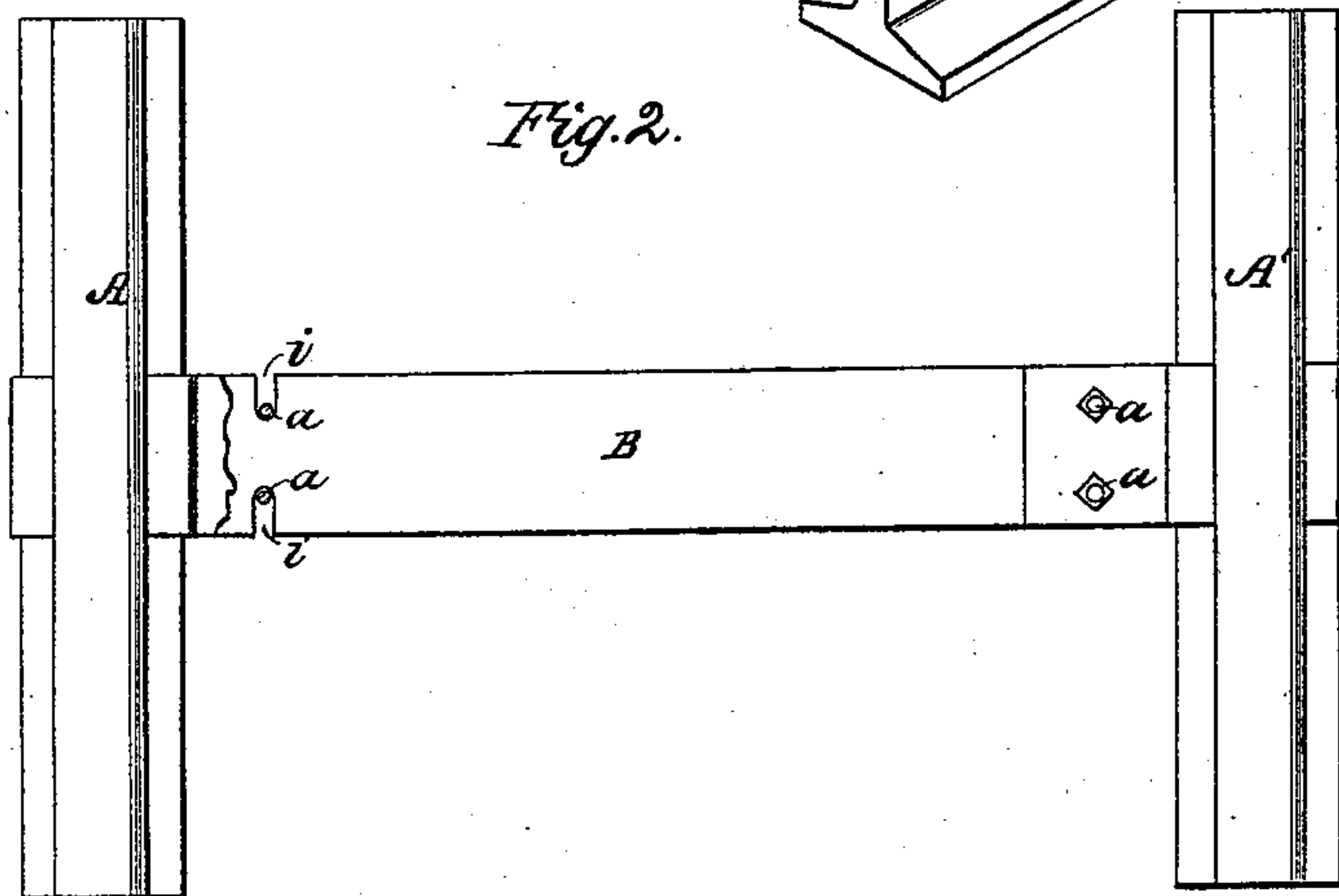
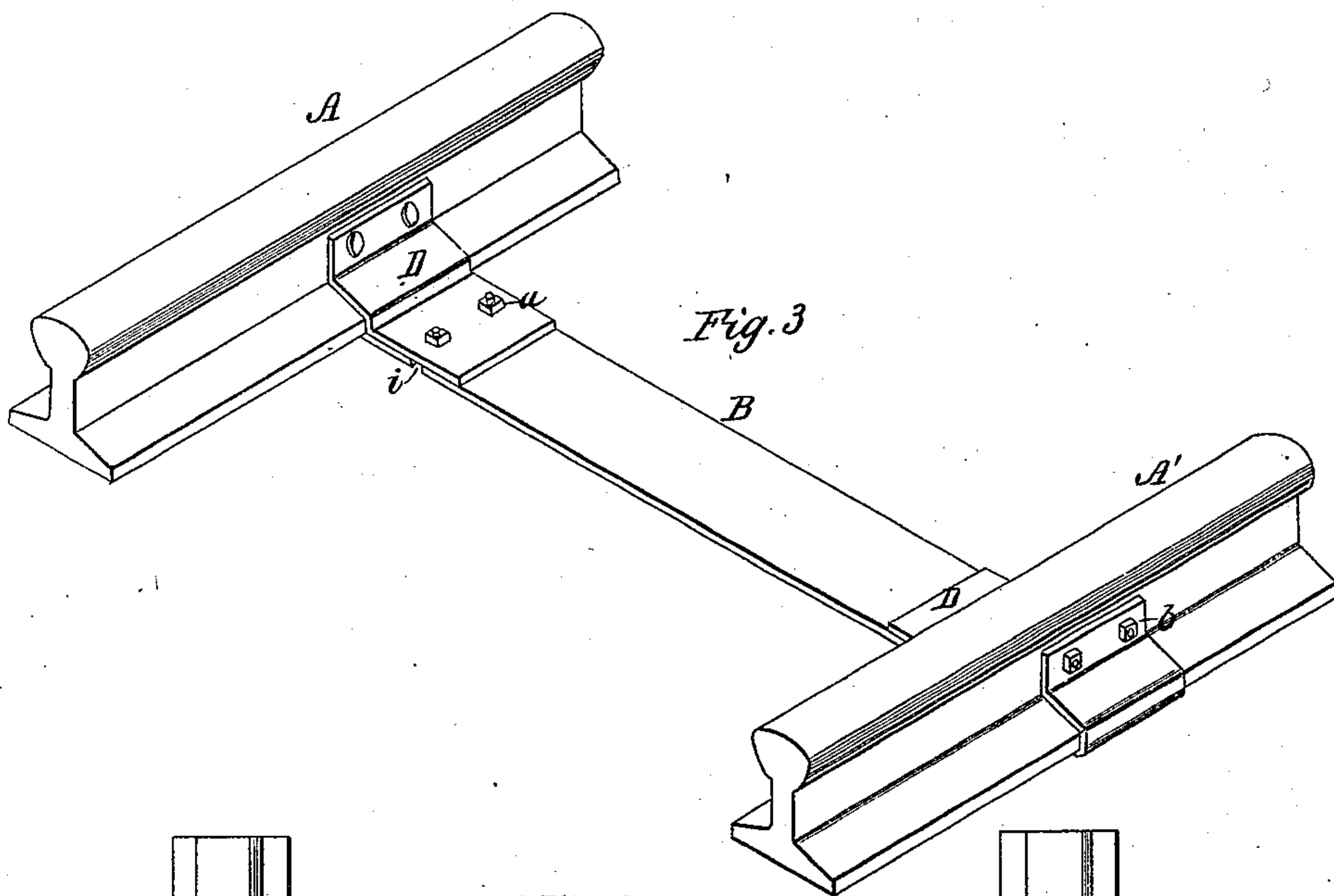
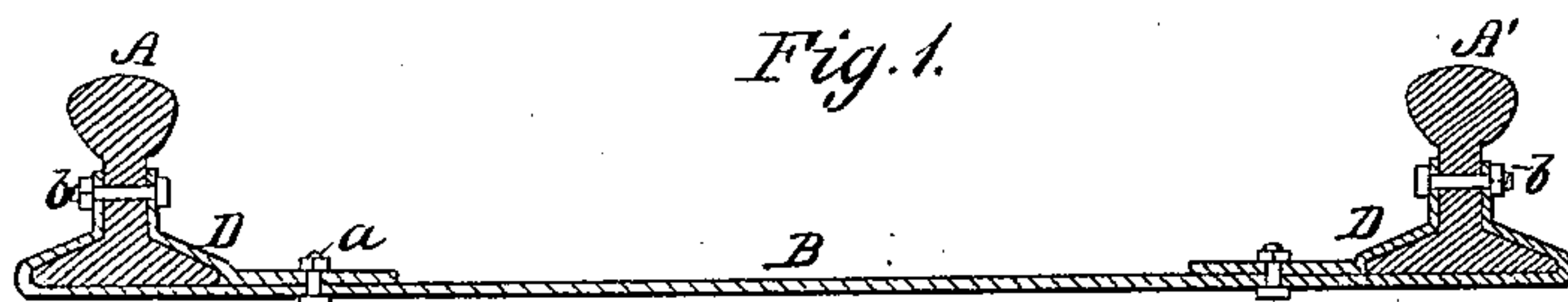


L. Repsher,
Railroad Track,
No 71,063, Patented Nov. 19, 1867.



Witnesses:
Rowbotham
S. H. & Isaac Godwin

Inventor:
L. Repsher
By his attorney
H. H. Cowan

United States Patent Office.

LEONARD REPSHER, OF CAMDEN, NEW JERSEY.

Letters Patent No. 71,063, dated November 19, 1867.

RAILWAY-CHAIR AND SLEEPER.

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, LEONARD REPSHER, of Camden, Camden county, New Jersey, have invented an improved combined Railway-Chair and Sleeper; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of a wrought-iron bar, having bent ends, with which the opposite rails of a railway track are maintained in contact by certain clamps secured to the bar, as fully described hereafter, the said clamps being readily detached when the rails are to be removed.

In order to enable others skilled in the art to make and apply my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a longitudinal section of my improved combined railway-chair and sleeper, with rails secured to the same.

Figure 2, a plan view; and

Figure 3, a perspective view.

A A' are parallel rails, which rest upon and are connected by a coupling-bar, B, the latter consisting of a plate of wrought iron, the opposite ends of which are bent to conform to the outer sides of the rails, as shown in the drawing. Against the inner side of each rail bears the bent end of a clamp, D, which is secured to the plate B by bolts *a*, the latter passing through slots *i* in the edges of the plate B, and into openings into the clamp. Each rail is secured to the bar B and clamp D by bolts *b*, which pass through the rail, and through the adjacent ends of the clamp and bar, as shown in the drawing.

The combined sleepers and chairs are secured to the rails at intervals of from two to five feet, and, with the rails, are laid upon the usual bed in the same manner as the ordinary wooden sleepers; or the sleepers, chairs, and the lower portions of the rails, may be embedded in the earth.

When a rail is to be detached, the bolts *b* are withdrawn, and the nuts are removed from the bolts *a*, so that the clamps D may be lifted from contact with the coupling-bars and rail. The latter may then be removed. Inasmuch as the bolts *a* fit in recesses in the edge of the bar B, they may be withdrawn laterally, instead of vertically, from the bar, the necessity of removing the earth below the bar to detach the bolts being thus avoided.

I claim as my invention, and desire to secure by Letters Patent—

1. The combined sleeper and chair, consisting of the coupling-bar B and clamps D D, the whole being constructed and arranged substantially as and for the purpose herein set forth.

2. The recesses *i* in the coupling-bar B, for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEONARD REPSHER.

Witnesses:

CHARLES E. FOSTER,

W. J. R. DELANY.