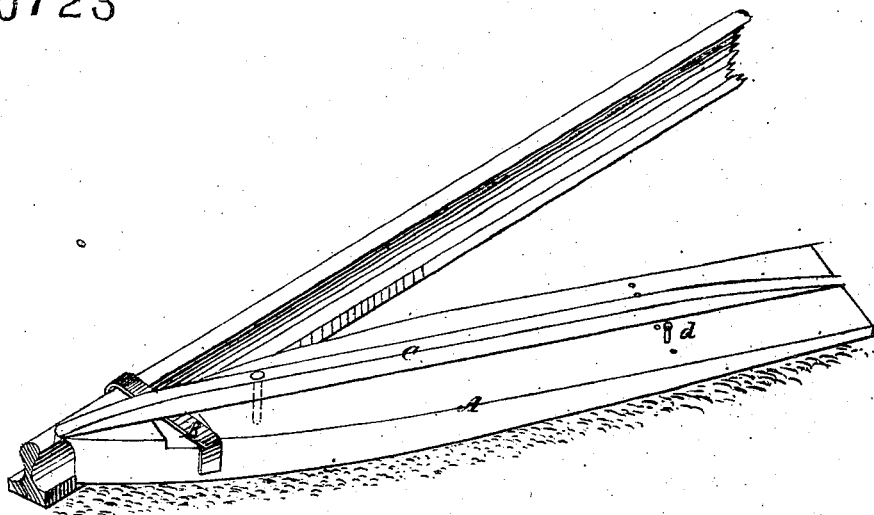


*David H Ball & John Brooks*

*Car Replacer*

PATENTED JAN 3 1871

110723



Witnesses.

*C. L. Evert.*  
*J. C. Hutchinson*

Inventor.

*David H. Ball*  
*John Brooks*  
per *Alexander Wilson*  
*attys.*

# United States Patent Office.

DAVID H. BALL AND JOHN BROOKS, OF SINNAMAHONING, PENNSYLVANIA.

Letters Patent No. 110,723, dated January 3, 1871.

## IMPROVEMENT IN CAR-REPLACERS.

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

### *To all whom it may concern:*

Be it known that we, DAVID H. BALL and JOHN BROOKS, of Sinnamahoning, in the county of Cameron and in the State of Pennsylvania, have invented certain new and useful Improvements in Car-Replacers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of our invention consists in the construction and arrangement of a "car-replacer," as will be hereinafter fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a perspective view of our car-replacer.

A represents the bed-piece of our car-replacer, said bed-piece being gradually tapering from the front to rear, as shown. Its upper side is inclined, the front end being as high as the rail, and the rear end very thin.

Near the front end in the upper side of the bed-piece A is a recess, in which a clamp, B, is pivoted. This clamp extends on both sides of the bed-piece, and so constructed at both ends that the bed-piece may be placed on either side of the rail, and the clamp fit over the top of the rail and hold the bed-piece to the rail.

The clamp B being pivoted, it is readily seen that

the bed-piece may be placed at almost any angle with the rail, that is, the rear end of the bed-piece may be closer to or farther from the rail, as may be desired or necessary.

On the upper side of the bed-piece A is pivoted a rib or rail, C, which is inclined at both ends, as shown. This rib or rail being adjusted in the desired position is held by a pin or bolt, *a*, inserted into a hole in the bed-piece at the side of the rib.

By using four of these replacers the cars can be readily moved onto the track, whether close to or farther from the rails; and the rib C being movable, the car-wheel may run on said rib or at the side thereof, as required.

We do not claim an inclined bed-piece having a pivoted rail; but

What we do claim as new, and desire to secure by Letters Patent, is—

The within-described car-replacer, consisting of the inclined bed A having clasp B pivoted at one end, and provided with the pivoted rail C on its face, which extends over and beyond the clasp, all substantially as shown and described.

In testimony that we claim the foregoing we have hereunto set our hands this 23d day of August, 1870.

DAVID H. BALL.  
JOHN BROOKS.

Witnesses:

C. A. REESE,  
M. I. B. BROOKS.