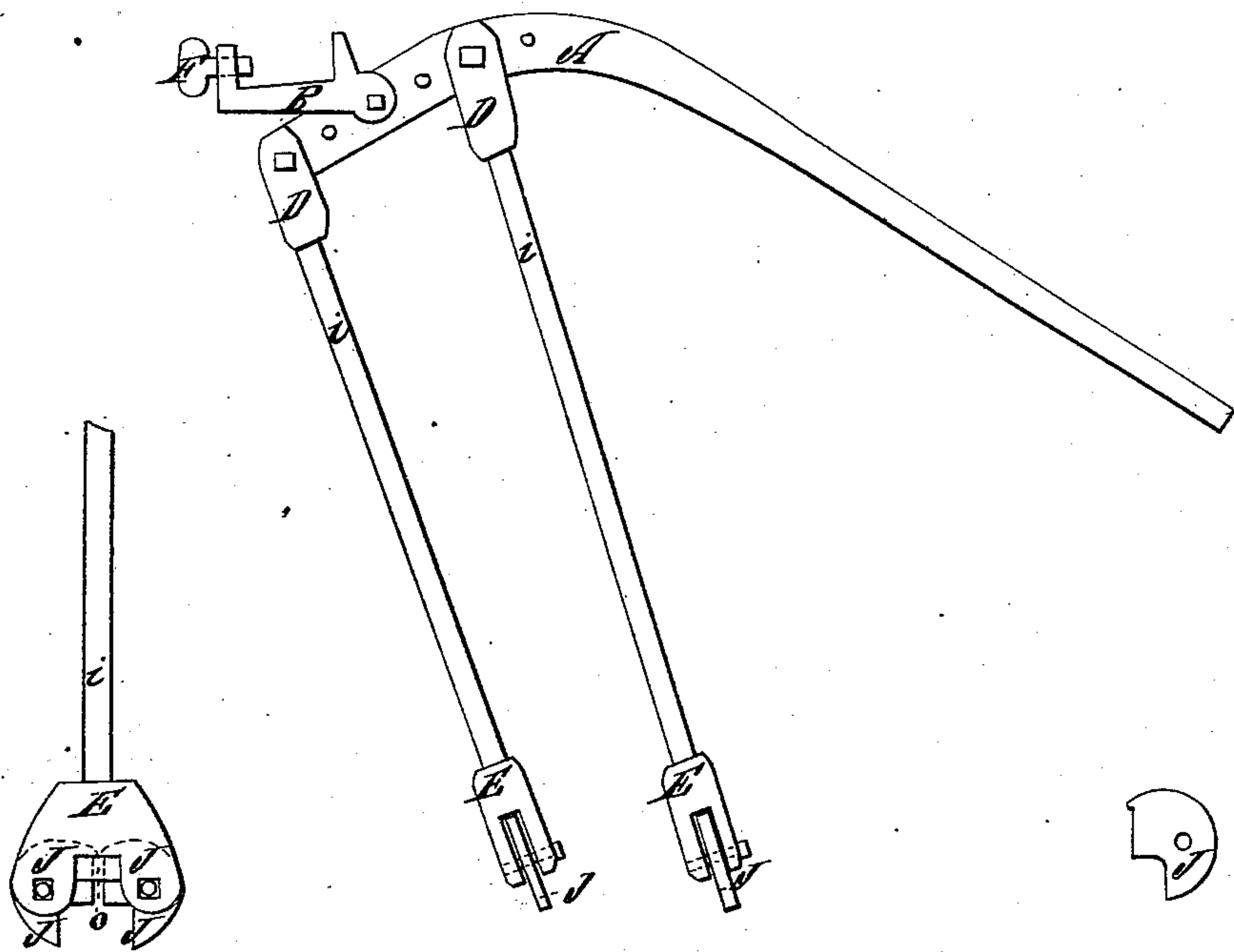


*F. L. Bailey,*  
*Lifting Jack.*

*N<sup>o</sup> 84,789.*

*Patented Dec. 8, 1868.*



*Witnesses:*  
*D. W. Place.*  
*J. R. Moly*

*Inventor:*  
*Fortune L. Bailey*

# United States Patent Office.

FORTUNE L. BAILEY, OF FREEPORT, INDIANA.

*Letters Patent No. 84,789, dated December 8, 1868.*

## IMPROVED CAR-MOVER.

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, FORTUNE L. BAILEY, of Freeport, in the county of Shelby, in the State of Indiana, have invented a new and improved Machine for Moving Railroad-Cars and Engines upon railroad-tracks; and I do hereby declare that the following is a full description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the construction of a machine, in order that one person may move a car or engine from place to place upon the track with ease.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

The invention consists in a lever, A, connected with the clasp B by means of a bolt, forming a pivot at the clasp B, and allowing the lever to play freely up and down.

The clasp B is attached to the car or engine to be moved, by means of the temper-screw F, and will hold the machine fast to the car or engine, so as to draw the machine with the car or engine, when the car or engine is shoved forward.

The rods I I are attached to the lever A, by means of jaws D D, which form the fulcrum.

On the lower ends of the rods I I are attached jaws E E, in which there are nippers or teeth J J, that are

self-acting upon the rail by the weight of the lever, or any pressure, either down or to the rear, and which are always loose when desired to move upon the rail, as, when the car or engine is in motion, and the lever is not worked, the jaws and nippers will slide upon the rail.

When the machine is desired to work, the rods stand at an angle, say, of forty-five degrees, more or less, the lever is raised, and the rod and jaw that are in the rear, slide or step up to the one in front.

When the lever is lowered, the one behind stands still and the one in front slides or steps forward, and so on they step or slide alternately, moving the car forward.

Machines may be constructed with but one rod and fulcrum, and work, either with an upward or downward movement of the lever, and the jaws may have but one nipper or tooth.

I do not claim the arrangement of the lever rods, and clamps, as such have been used before; but

What I do claim, and desire to secure by Letters Patent, is—

The arrangement of lever A, bars I I, and clamp B, when combined with the gripping-devices on the lower ends of the rods I I, as and for the purpose set forth.

FORTUNE L. BAILEY.

Witnesses:

D. W. PLACE,  
W. R. WOLF.