

J. W. RAYNOR.
CAR-MOVER.

No. 179,347.

Patented June 27, 1876.

Fig. 1.

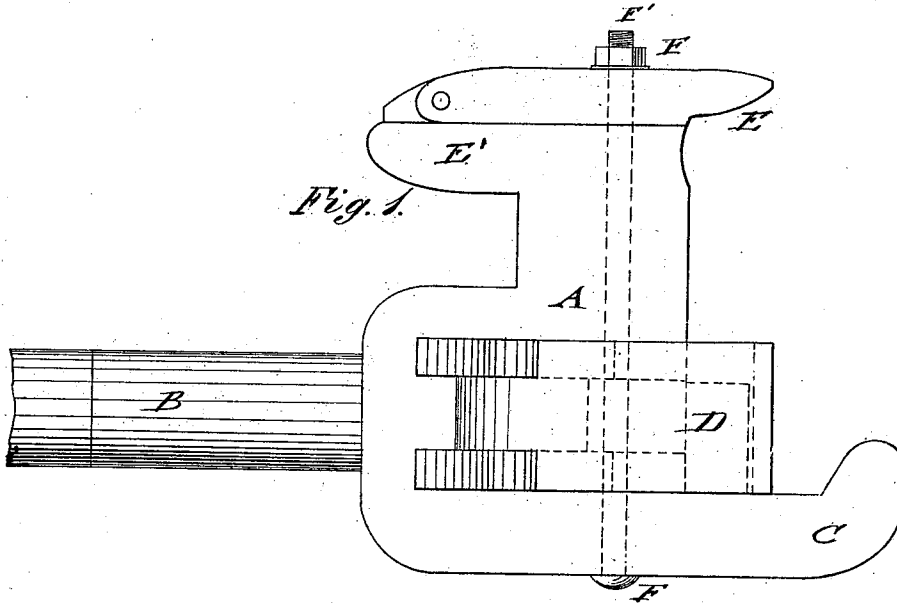


Fig. 2.

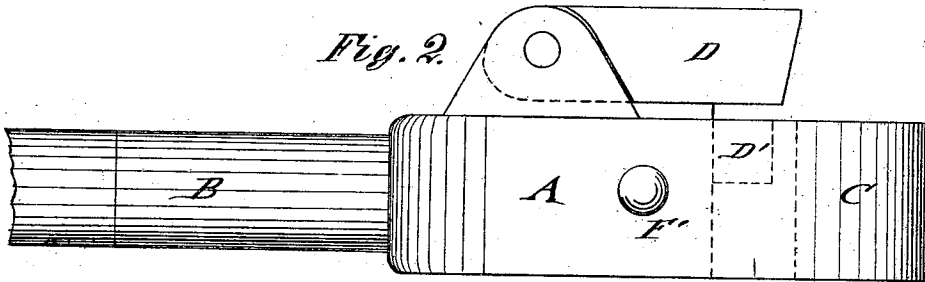
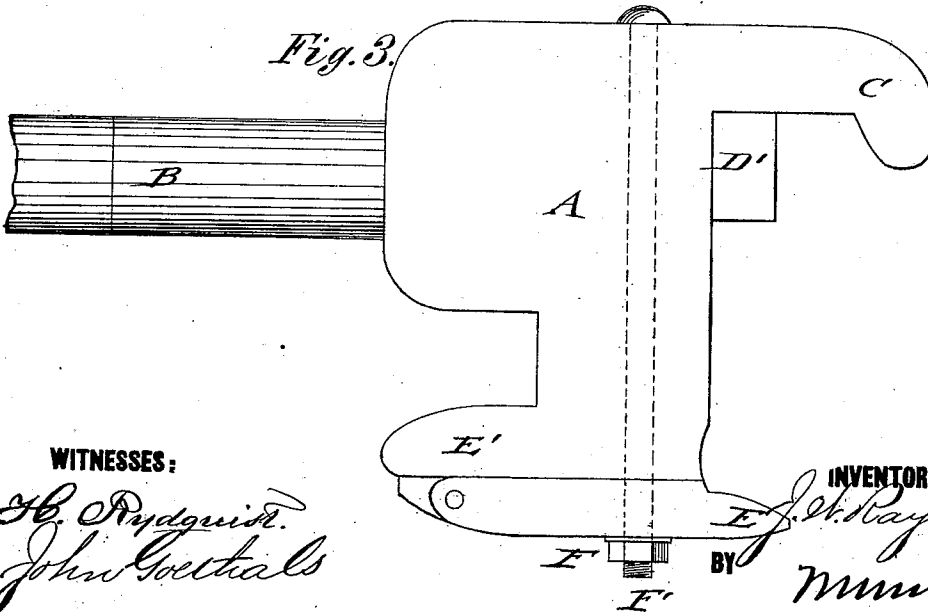


Fig. 3.



WITNESSES:

H. Rydquist.
John Goethals

INVENTOR:

J. W. Raynor

BY

Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN W. RAYNOR, OF MOBERLY, MISSOURI.

IMPROVEMENT IN CAR-MOVERS.

Specification forming part of Letters Patent No. **179,347**, dated June 27, 1876; application filed May 27, 1876.

To all whom it may concern:

Be it known that I, JOHN W. RAYNOR, of Moberly, in the county of Randolph and State of Missouri, have invented a new and Improved Car-Mover, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a top view, Fig. 2 a side view, and Fig. 3 a bottom view, of my improved car-mover.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved device for readily moving cars from the main to the side track, or out of the way; and it consists of a block with curved front jaw that takes hold of the outer concave part of the wheel, a pivot dog and block being on the tread of the wheel, and an adjustable gage-piece bearing on the flange of the wheel.

In the drawing, A represents a block of cast or malleable iron, to which a handle, B, of hard wood, gas-pipe, or other material is securely socketed. The block A is provided with a forward-extending jaw, C, that is curved inwardly at the end and intended to bear on the concave outer part of the wheel. A latch or dog, D, is pivoted to top lugs or ears of block A, and bears, by its slightly-inclined face, on the tread of the wheel when the handle is pulled in upward direction, so as to take firmly hold of the wheel, and move the car in forward direction. Below the dog D is arranged a solid projecting block, D', that may be used in place of the dog, binding, by wedge action, on the tread of the wheel

for turning the same. A projecting gage-piece, E, at the end of the block, opposite to jaw B, is hinged at its rear end to an extension, E', of block A, and may be adjusted by the screw-nut F on the lateral connecting-bolt F' to fit to the flanges of wheels with different widths of tread. By reversing the implement and applying it to the opposite wheel, so that the jaw, block, and gage bear on the wheel in the same manner as before, and then bearing down on the lever handle the wheel is turned, and the car moved in backward direction toward the operator. The pivoted dog swings in this position out of the way. The implement is strong, compact, and durable, and admits the ready moving of cars on the tracks.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A car-moving implement, made of a solid block, A, with forward extending and curved side jaw B, front block D', adjustable flange, binding-gage E, and lever-handle B, substantially in the manner and for the purpose set forth.

2. A car-moving implement, made of a solid lever-acted block with curved and forward-extending side jaw, a pivoted top dog, a forward-extending binding-block or catch, and an adjustable flange-binding gage-piece, substantially as and for the purpose described.

JOHN W. RAYNOR.

Witnesses:

WILLIAM D. MATHIS,
WM. BAKER.