

(No Model.)

J. McC. BEBOUT.
Car Lifting Device.

No. 233,395.

Patented Oct. 19, 1880.

Fig. 1.

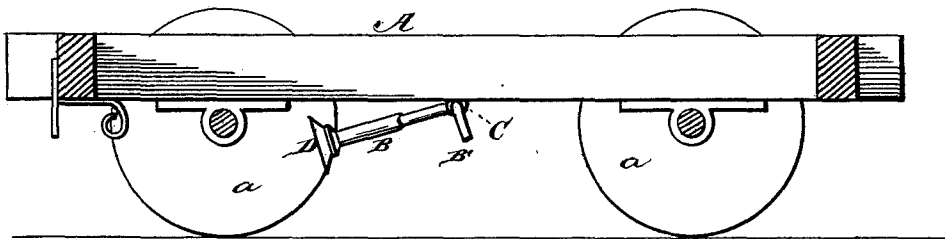


Fig. 2.

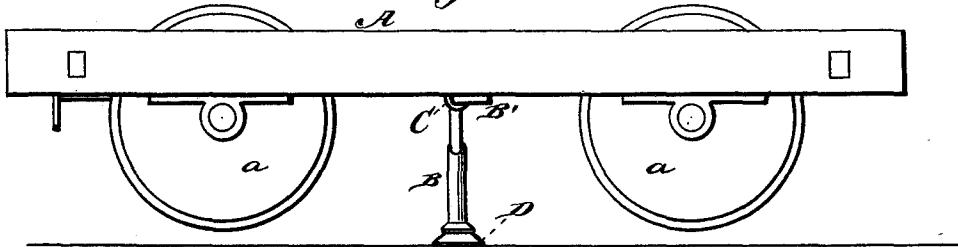


Fig. 3.

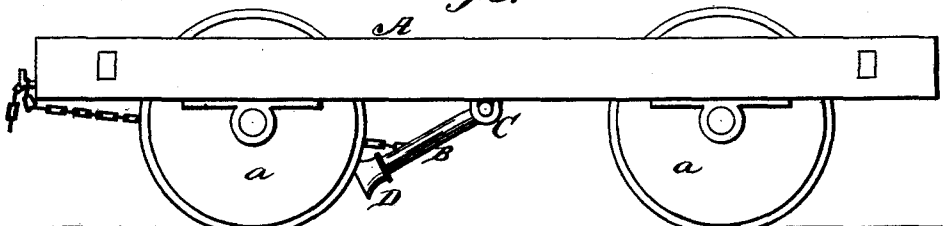
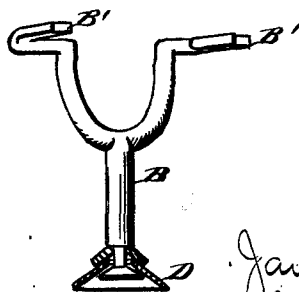


Fig. 4.



Witnesses:
Robert Everett
J. J. Johnston.

Inventor:
James McC. Bebout
By J. J. Johnston
his atty.

UNITED STATES PATENT OFFICE.

JAMES McC. BEBOUT, OF MADISON, INDIANA.

CAR-LIFTING DEVICE.

SPECIFICATION forming part of Letters Patent No. 233,395, dated October 19, 1880.

Application filed April 29, 1880. (No model.)

To all whom it may concern:

Be it known that I, JAMES McC. BEBOUT, of the city of Madison, in the county of Jefferson and State of Indiana, have invented certain new and useful Improvements in Car-Lifting Devices; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to a new and useful means for lifting cars from railroad-tracks; and it consists of an upright shaft, the upper end of which forms two arms by means of a bifurcation, each end of said arms being attached to the under side of the car by staples or boxes.

In the drawings, Figure 1 is a central longitudinal vertical section with the car down. Fig. 2 is a side elevation with the car raised. Fig. 3 represents a modification of my invention. Fig. 4 is a detail view.

A is the body of car; B, upright shaft; B', ends of shaft-arms, arranged at right angles thereto; C, staples for fastening shaft B to body of car; D, pivoted end of shaft B; a, car-wheels.

The operation of my invention is as follows: One end of the car is lifted, and the shaft B is allowed to touch the ground; then, by lowering the end raised, the car is raised entirely off the ground; then its direction can be changed by turning it upon pivot D at base of shaft B.

The important feature in my invention is the use of a gravitating shaft or arm, which, upon being lowered to the ground, enables the operator to raise or lower one end of the car at will. This is a very great advantage in shifting the car from the track or replacing it, and this is accomplished by pushing one end of the car, after it has been placed in position over the track. The shaft or arm B then leaves a perpendicular position and necessarily allows the car to fall to the ground.

While not in use the shaft may be raised up, as shown in Fig. 1, by a chain or suitable means.

It is the construction of and attachment of the shaft or arm B to a car, whereby the movement of the shaft in one direction will describe the arc of a circle, together with the pivoted base attached to said shaft, that distinguishes my invention from all other modes of construction and operation hitherto known.

Having described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In combination with a hand-car, the shaft B and hinged arms B', substantially as shown and described.

2. In combination with a hand-car, the shaft B, hinged arms B', and pivoted case-plate D, substantially as shown and described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JAMES McCONNELL BEBOUT.

Witnesses:

WILLIAM T. FINDLEY,
LINCOLN CRAVENS.

Correction for Letters Patent No. 233,395.

It is hereby certified that in Letters Patent No. 233,395, dated October 19, 1880, to James McC. Bebout, for "Car Lifting Device," that in line 66 of the specification forming part of said Letters Patent, after the word "pivoted" the word "base plate" was erroneously printed "case plate;" that the proper corrections have been made in the records of this Office, and that the correction is hereby made in said Letters Patent.

Signed, countersigned, and sealed this 3d day of November, A. D. 1880.

[SEAL.]

C. SCHURZ,
Secretary of the Interior.

Countersigned:

E. M. MARBLE,
Commissioner of Patents.