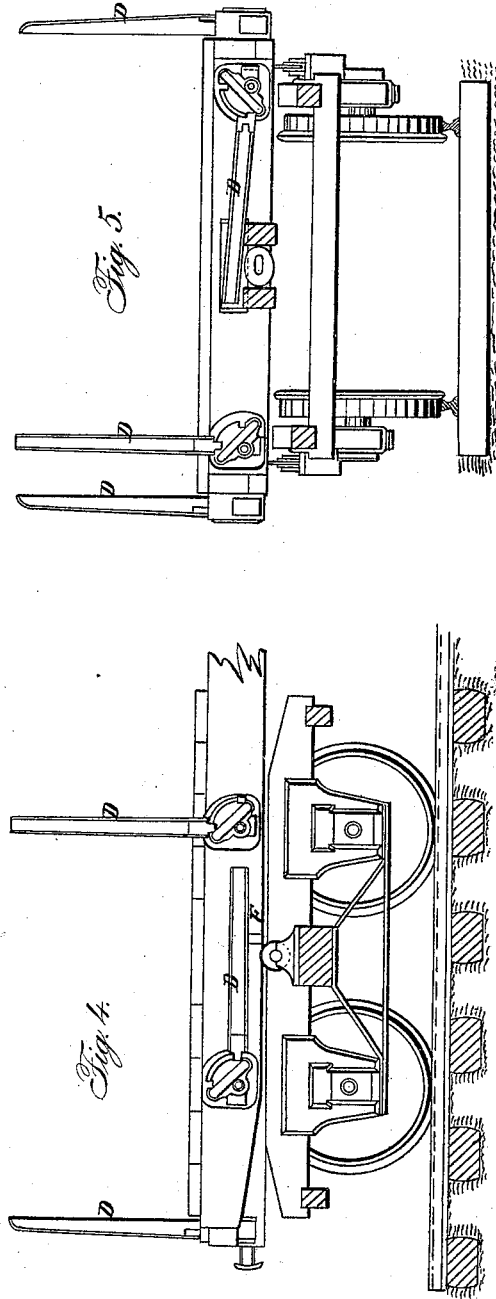
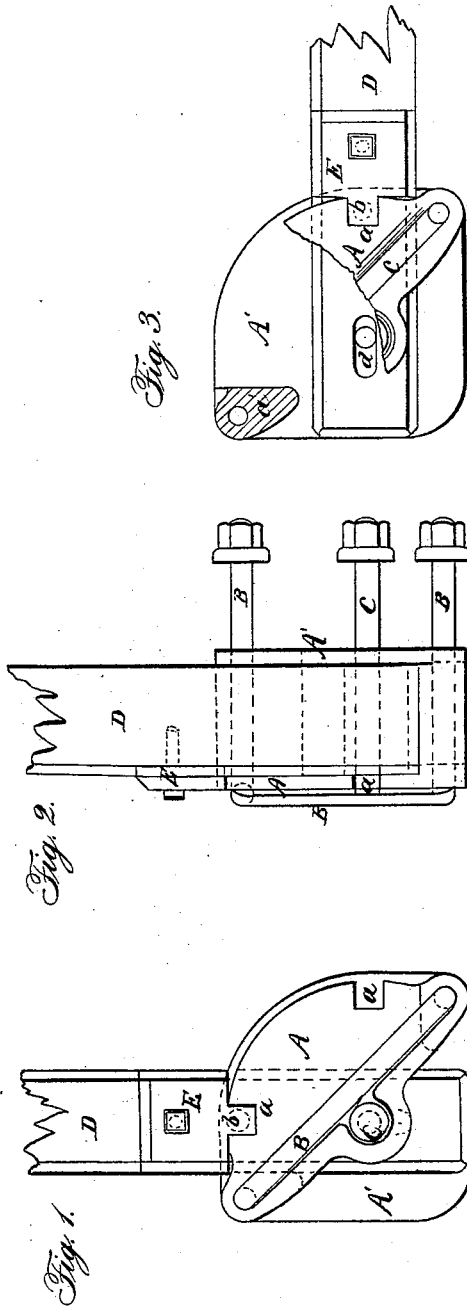


E. A. EDDY.
Car-Truck Stake-Holder.

No. 48,800.

Patented July 18, 1865.



Witnesses:

James Clark
R W Boyne

Inventor:

Edwin A Eddy
by Coburn & Sons
Attorneys

UNITED STATES PATENT OFFICE.

EDWIN A. EDDY, OF RACINE, WISCONSIN.

IMPROVEMENT IN STAKE-HOLDERS FOR PLATFORM-CARS.

Specification forming part of Letters Patent No. 48,800, dated July 18, 1865.

To all whom it may concern:

Be it known that I, EDWIN A. EDDY, of Racine, in the county of Racine and State of Wisconsin, have invented a new and useful Improvement in Stake-Holders for Platform or Flat Cars; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and the letters and figures marked thereon, which form part of this specification.

The nature of my said invention consists in so constructing the casting or socket into which the lower end of the stake is entered and in so attaching the stake thereto that while it cannot by any possibility be thrown out and lost and remains firmly in a vertical position when required it may, by a simple and easy adjustment, be turned down in a horizontal position out of the way when loading or unloading the car, if desired; and it also consists in so constructing said stake-holder that the same may, by a simple adjustment upon the side of the car, be arranged so as to allow the stake to be turned down either to the right or left, as may be desired, so that the stakes at the ends or corners of the cars may be turned inward and not project out beyond the face of the car, as might otherwise be the case.

To enable those skilled in the art to understand how to construct and use my invention, I will now proceed to describe the same with particularity, making reference in so doing to the aforesaid drawings, in which—

Figure 1 represents a front elevation of my invention. Fig. 2 shows a side view of the same. Fig. 3 is a front view, showing a section of the stake-holder and the stake turned down; and Figs. 4 and 5 represent, respectively, side and end view of a car with my invention attached.

Similar letters of reference in the several figures indicate the same parts of my invention.

A A' represent the stake-holder, which is designed to be of a single casting, the part A' lying close upon the sill of the car, the part A being connected therewith at the opposite corners, where the staple B passes through, as indicated at *a'* in Fig. 3, the space between the said parts A A' and their connecting-points *a'* receiving the end of the stake D and admitting of its adjustment, as shown and herein-after described. The said staple B lies in a groove, *c*, (seen in Fig. 3,) extending diagonally across the face of A and passing through the stake-holder and the sill of the car, being fast-

ened or secured by nuts or other suitable means upon the inner side of the sill.

C represents a bolt passing through the stake-holder, and also through a longitudinal slot in the stake D, (clearly shown in Fig. 3,) and then through the sill of the car, being fastened in a like manner as the staple B.

At the top and also at the side of A are the rectangular recesses marked *a*, and upon the stake D there is attached the casting E, provided with a corresponding rectangular projection marked *b*, which fits into the slot *a* and holds the stake in a vertical position. When it is desired to turn the stake down to a horizontal position the operation is effected by raising the stake up vertically far enough to withdraw the projection *b* from the recess *a*, the slot *d* in the stake, through which the center bolt, C, passes, being long enough to permit said vertical movement, when the stake is readily turned down to the position required and rests upon a bracket or other suitable support, as shown at F in Fig. 4.

The recess *a* at the side of the stake-holder, into which the projection *b* may enter when the stake lies horizontally, is not designed for that use, but for the purpose of adapting the said stake-holder to be used either right or left, as aforesaid, which adaptation is effected by turning the side of the stake-holder up, as is clearly shown in Fig. 5.

Having described my invention, I will now specify what I claim as new and desire to secure by Letters Patent:

1. The casting A A', constructed substantially as shown and described, and provided with one or two recesses, *a*, for the purposes specified.

2. The combination and arrangement of said stake-holder A A' with the slotted stake D, center bolt, C, and projection *b*, operating substantially as and for the purposes set forth and shown.

3. The combination of the stake D, provided with the projection *b*, with the stake-holder A A', provided with the recesses *a*, arranged and operating as and for the purposes specified.

4. The combination of the stake D, provided with the slot *d* and the pin or bolt C, arranged and operating substantially as described.

EDWIN A. EDDY.

Witnesses:

G. A. THOMSON,
J. LOUIS RAMSAY.