

(No Model.)

A. J. TALLÅS & A. SWENSON.
CAR MOVER.

No. 460,167.

Patented Sept. 29, 1891.

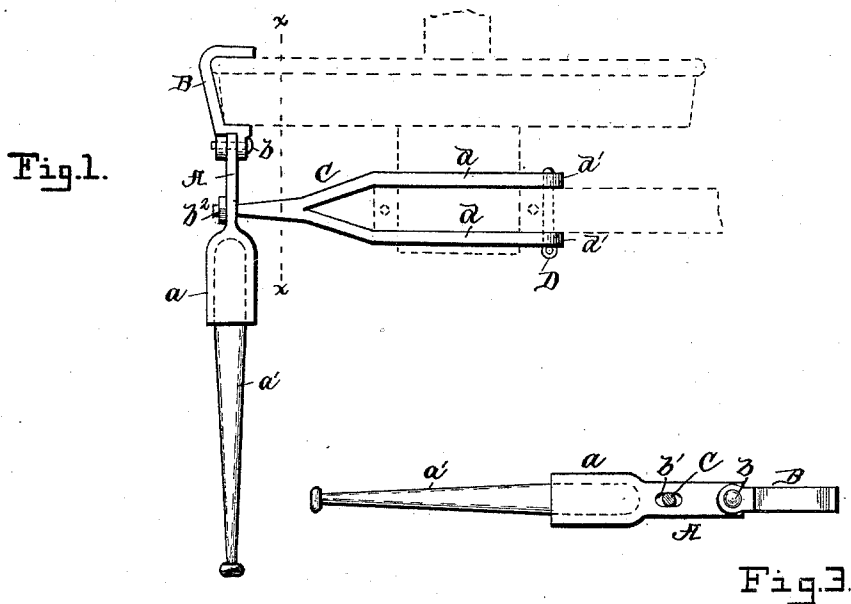
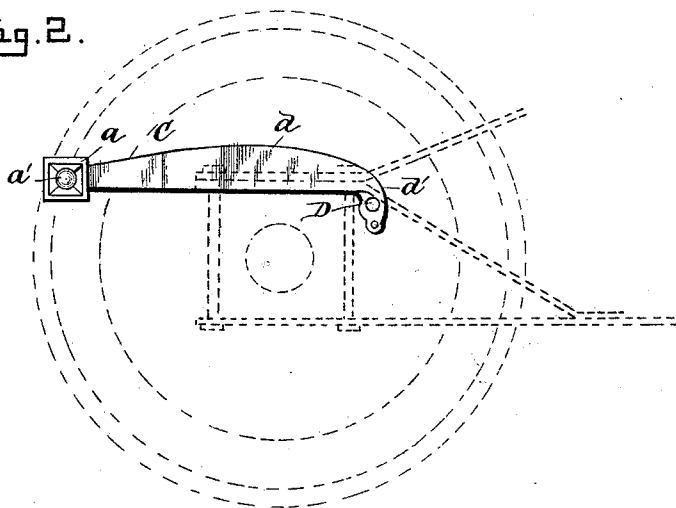


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

ANDROW J. TALLÅS AND ALBERT SWENSON, OF DULUTH, MINNESOTA.

CAR-MOVER.

SPECIFICATION forming part of Letters Patent No. 460,167, dated September 29, 1891.

Application filed January 13, 1891. Serial No. 377,648. (No model.)

To all whom it may concern:

Be it known that we, ANDROW J. TALLÅS and ALBERT SWENSON, citizens of the United States of America, residing at Duluth, in the county of St. Louis and State of Minnesota, have invented certain new and useful Improvements in Car-Movers, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention pertains to a new and improved car-mover for quickly and easily moving cars while in car-yards and the like.

The object of the invention is to provide a device for this purpose which shall be extremely simple in construction, cheap, and durable, and one which can be carried as easily as a pinch-bar.

The invention consists of the detail construction, combination, and arrangement of parts, substantially as hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a plan view showing the application of the mover to a car-wheel, the latter and its adjuncts being in dotted lines. Fig. 2 is a side elevation thereof. Fig. 3 is a front view on the line *xx*, Fig. 1.

Referring to the drawings, A designates a lever having at one end a socketed head *a*, wherein is designed to be inserted a removable handle-bar *a'*.

B is a hook which is pivotally secured by a bolt *b* to the flattened end of lever A, said hook being of angular form, so as to grasp the flange of a car-wheel.

C is a supporting-bar upon which lever A is fulcrumed, the reduced end of said bar being inserted through a slot *b'* of lever A and held by a nut *b²*, screwed thereon. This supporting-bar is forked or extended into two parallel arms *d d*, having bent or hooked ends *d'*, provided with coincident apertures through which a holding-pin D is passed. This supporting-bar in practice is placed upon the axle-box of a car-truck, and is then held by pin D being inserted through the arms *d* beneath a brace-bar of the truck. When thus

secured in position, the hook B will engage the flange of the car-wheel, and the lever, together with its handle-bar, will project outwardly at right angles to the wheel. By grasping and applying pressure to the lever-bar a car to which our mover has been applied can be easily and rapidly moved in either direction, the leverage secured being so great that a heavily-loaded car can be quickly moved by one operator. After a car has been moved to the desired point the lever and its adjuncts are removed therefrom, the pin D being withdrawn for that purpose. In practice a firm and secure bearing is obtained by securing the supporting-bar in the manner set forth.

Our invention is extremely simple, cheap, and durable, and is not liable to get out of order or be easily deranged.

We claim as our invention—

1. The herein-described improved car-mover, consisting of the lever, the removable handle therefor, the hook pivotally secured to one end of said lever and designed to laterally engage the flange of a car-wheel, a support or fulcrum for said lever, having two parallel arms arranged at right angles to said lever and designed to rest on a car-axle box and provided with outer apertured ends, and a cross-pin designed to be inserted through said apertured ends beneath a brace-bar of the car-truck, substantially as set forth.

2. The herein-described improved car-mover, consisting of the lever, the handle therefor, the hook pivotally secured to one end of said lever and designed to laterally engage the flange of a car-wheel, and a support or fulcrum for said lever arranged at right angles to said lever and designed to rest and be secured on a car-axle box, substantially as set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

ANDROW J. TALLÅS.
ALBERT SWENSON.

Witnesses:

CHAS. F. HOPKINS,
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