

N^o 76,662,

Patented Apr. 14, 1868.



Witnesses.

Inventor

Alexander Rezo

United States Patent Office.

ALEXANDER ROSS, OF FREEPORT, ILLINOIS.

Letters Patent No. 76,662, dated April 14, 1868.

IMPROVEMENT IN WAGON-JACKS.

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, ALEXANDER ROSS, of Freeport, in the county of Stephenson, in the State of Illinois, have invented a new and useful Improved Wagon-Jack; and I do hereby declare that the following is a full, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 is an elevation of my invention.

Figure 2, a perspective representation of the lock which supports the lever for raising the axle.

The nature of my invention consists in the use of a peculiar-shaped lock, arranged with a loop, through which a notched standard is made to pass, and an arm between it and the lever which supports the axle, for the attachment of a latch which holds the lever in position under the axle; and a lug at the opposite side of the lock from the loop for the attachment of the lever, the whole being conveniently arranged for raising the axles of all kinds of vehicles.

In order to give a correct understanding of my invention, I have marked corresponding parts with similar letters, and will now give a detailed description.

A represents a foot or base-block, which is bolted fast to a notched standard, B, and used to prevent said standard from settling in the ground when sustaining a great weight. This standard is made of wood, and with a series of notches, J, for the support of a loop, F, through which it is made to pass, said notches being used for adjusting a lever, C, to the height of an axle to be raised. E F is what I term a lock made of iron, and with a loop, F, arranged to slide on standard B, and rest on either of the notches J, and an arm, E, projecting upward to a suitable point, for supporting a catch, D, to which it is secured by means of a bolt, H, as a joint. It also has a lug, G, rigidly attached to it, for the support of the lever C, which is bolted fast, that part of the lock, shown at I, being long enough to permit said lever to fit in a seat between the lug G and the arm E. The lever C also has notches, P P, &c., in which the catch D is made to operate and hold it in position when the axle has been raised.

The operation is very simple, and as follows: The loop F can be adjusted on either of the notches J by simply raising the arm E up parallel with the lever C, the short end of which can then be put under an axle, and the end, R, brought down as at fig. 1, and held in place by the catch D.

Having thus described my invention, I claim, and desire to secure by Letters Patent of the United States—

A wagon-jack having a lock arranged with a loop, F, arm E, and lug G, in combination with lever C, notched standard B, and catch D, substantially as and for the purpose set forth.

Witnesses:

L. F. YOUNG,
W. W. HART.

ALEXANDER ROSS.