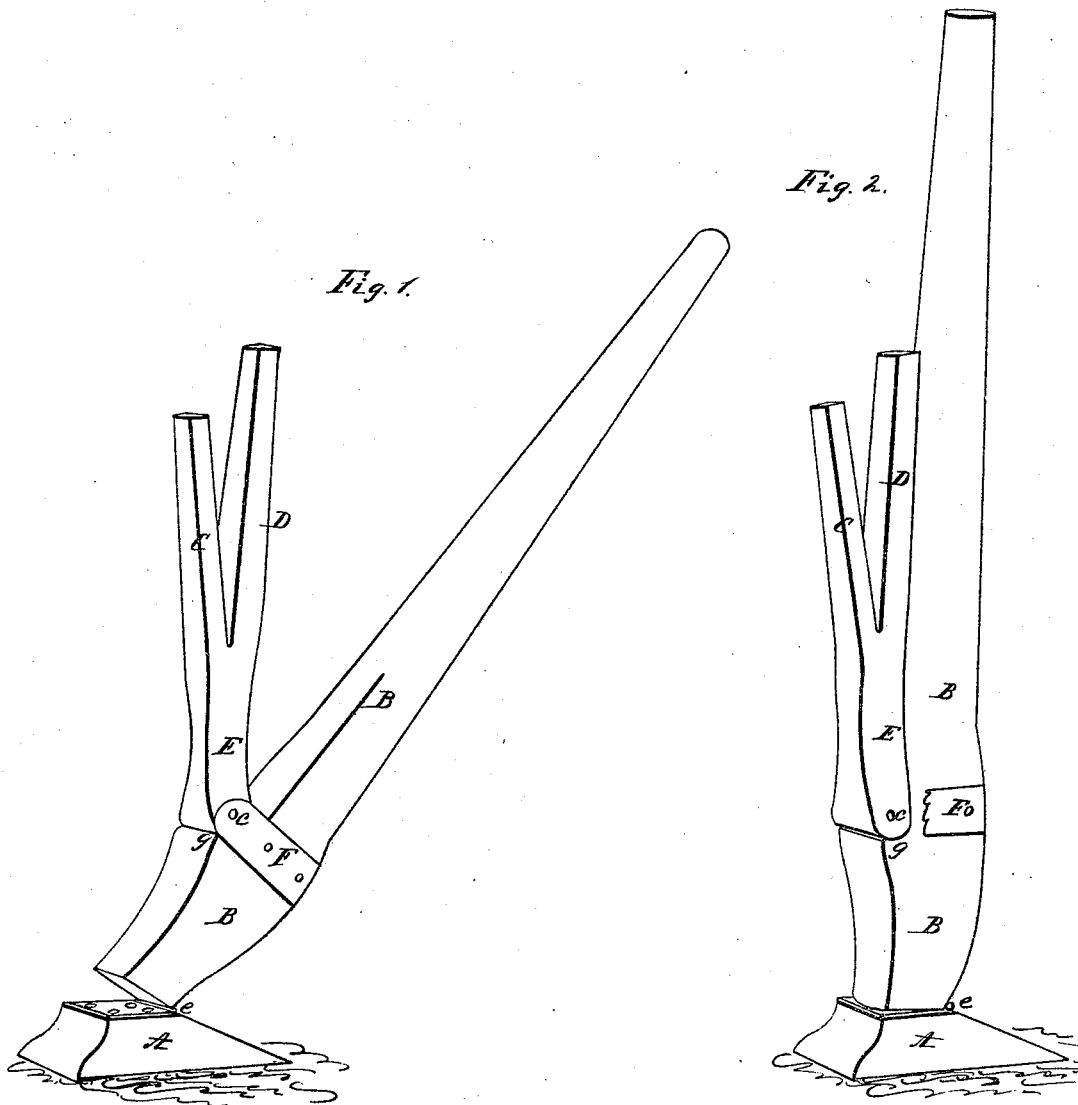


*A. Higley,*  
*Carriage Jack,*  
*N<sup>o</sup> 50,707, Patented Oct. 31, 1865.*



*Witnesses:*  
*W. H. Sumner*  
*J. Holmes.*

*Inventor:*  
*Aaron Higley*

# UNITED STATES PATENT OFFICE.

AARON HIGLEY, OF SOUTH BEND, INDIANA.

## IMPROVEMENT IN CARRIAGE-JACKS.

Specification forming part of Letters Patent No. 50,707, dated October 31, 1865.

### *To all whom it may concern:*

Be it known that I, A. HIGLEY, of South Bend, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Carriage-Jacks; and I do hereby declare that the following is a full and complete description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figures 1 and 2 are perspective views of the jack in different positions.

Like letters of reference refer to like parts in the views.

My improvement relates to a carriage-jack in which the arm that is adjusted under the axle is connected to a lever that is hinged to a base or pedestal, whereby the axle or wheel is raised and lowered.

In the figures, A is the base or pedestal, formed as represented, to which is hinged at *e* the lever B.

E is an arm, divided or forked at the upper end, as at C and D. (Shown in the drawings.) The end or part D of the arm is longer than C, for the purpose of being adapted to elevating axles that are different heights from the ground. The lower end of the arm is pivoted or hinged at *e* to straps F, secured to the sides of the lever, and rests and turns on a shoulder, *g*, of the lever.

The manner of using this jack is as follows: The base A is placed under the carriage-axle when either of the ends C or D of the arm is adjusted under the axle according to its height above the ground, when the jack will be more or less in the position shown in Fig. 1. Then the lever B is raised or turned up until the lower end rests on the top of the base, as shown in Fig. 2, which raises the arm, elevating the wheel or axle into the desired position, where it is firmly and securely held as long as may be required, when, by turning down the lever, the axle or wheel is again lowered. Thus the jack operates with the greatest facility in raising and lowering the carriage wheel or axle.

The upper part of the arm E, in place of being divided or forked, can be solid, or there need be no space between the ends C and D of the arm.

What I claim as my improvement, and desire to secure by Letters Patent, is—

The forked arm E, pivoted to the plates F, resting and turning upon the shoulder *g*, and the lever B, when jointed to and constructed with the pedestal A, arranged so as to operate conjointly in the manner and for the purpose specified.

AARON HIGLEY.

Witnesses:

J. B. ARNOLD, Jr.,  
FREDRICK KLEIN.