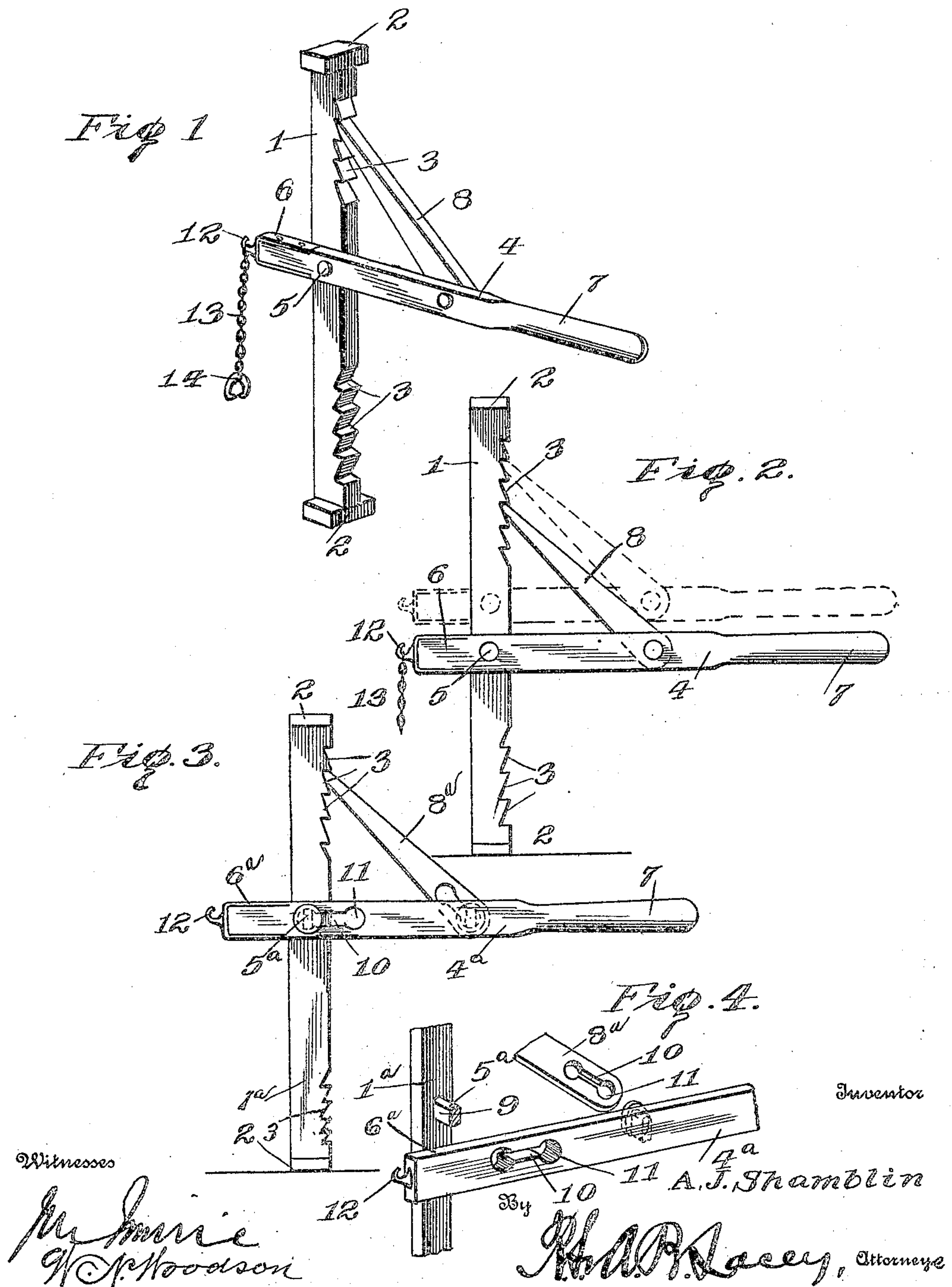


No. 817,877.

PATENTED APR. 17, 1906.

A. J. SHAMBLIN.
WAGON JACK.
APPLICATION FILED OCT. 9, 1905.



UNITED STATES PATENT OFFICE.

ANDREW J. SHAMBLIN, OF MULDROW, INDIAN TERRITORY, ASSIGNOR OF
ONE-HALF TO I. H. NAKDIMEN, OF MULDROW, INDIAN TERRITORY.

WAGON-JACK.

No. 817,877.

Specification of Letters Patent.

Patented April 17, 1906.

Application filed October 9, 1905. Serial No. 282,056.

To all whom it may concern:

Be it known that I, ANDREW J. SHAMBLIN, a citizen of the United States, residing at Muldrow, District No. 11, Indian Territory, have invented certain new and useful Improvements in Wagon-Jacks, of which the following is a specification.

The object of my invention is to provide an improved jack designed for use with wagons and arranged so that it may be used with equal facility to raise either the rear axle or the front axle when it is desired to take off the wheel or to grease the axle or for any other similar purpose.

The invention consists, essentially, in a wagon-jack possessing novel features of adjustability and reversibility, as will be hereinafter fully set forth and as specifically pointed out in the appended claims.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a perspective view of one embodiment of my invention. Fig. 2 is a side elevation of the invention. Fig. 3 is a similar view of a modification. Fig. 4 is a detail perspective view illustrating parts of the modified form.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The post or standard 1 of my improved jack is provided at both ends with a foot 2 for its steady support and is also provided along one edge with two sets of oppositely-disposed ratchet-teeth 3. Fulcrumed on the post 1 at a point offset from the middle thereof is a lever-bar 4, which is shown in Fig. 1, secured to the post by means of a pivot or stud 5. The nose 6 of the lever-bar projects beyond that edge of the post or standard 1 which is opposite the toothed edge of the same, and the other end of the lever-bar is provided with a suitable handle 7. Between its ends said lever-bar is provided with a strut or pawl 8, which is pivotally secured thereto at one side, so that it is positioned in alinement with the toothed edge of the post or standard 1, and said strut or pawl 8 is designed to engage with any tooth of either set

of teeth to hold the lever-bar in adjusted position after it has raised either axle.

In the operation of the device if it be desired to raise the front axle, which, as is well known, is ordinarily in a lower plane than the rear axle of a wagon, the post or standard 1 is placed adjacent to the axle, with that foot upon the ground which will bring the lever below the middle of the post. The nose of the lever-bar is then inserted underneath the axle, and by bearing down upon the handle the said bar will raise the axle to the desired height, whereupon the pawl or strut 8 is turned into engagement with one of the teeth of the series which is then uppermost, and the lever-bar is thus held rigid with the axle raised. To raise the rear axle, the post or standard is reversed end for end, and the strut or pawl 8 is also swung around or reversed on the lever-bar to engage in one of the other series of teeth, as may be readily understood.

In the modification shown in Figs. 3 and 4 the pivot-stud 5^a, which connects the lever-bar 4^a to the post or standard 1^a, is provided with a flattened shank 9, designed to take in the longitudinally-extended portions 10 of keyhole-shaped slots or guides 11 in the lever-bar 4^a, whereby by proper adjustment, as will be readily understood, the said lever-bar may be adjusted longitudinally on its supporting-post 1^a, so as to bring its nose 6^a to a greater or less degree in advance of the adjacent edge of the said post, thereby changing the fulcrum-point of the lever-bar whenever desired. In the same manner the strut or pawl 8^a may be mounted on the lever-bar 4^a with a flat-shank pivot and keyhole-shaped slots or guides in the pawl, so that it may also be adjusted longitudinally upon the lever-bar to compensate for the aforesaid adjusted position of the latter.

As shown in the drawings, I may secure to the outer end of the lever-bar a hook 12 and provide a chain 13, having links designed for detachable connection with the hook and formed at the outer end with grappling arms or hooks 14, as shown. By this attachment I may use the jack as a wire-stretcher or a fence-hoister for hoisting the rails of fences in the operation of repairing the same or for any other purpose, and when it is desired to use the device as a wagon-jack the chain may be readily detached. Any link of the

chain may be secured to the hook in order to adjust the chain higher or lower, as may be desired.

Having thus described the invention, what is claimed as new is—

1. A wagon-jack comprising a post or standard, reversible end for end, and provided with two series of oppositely-disposed teeth, a lever fulcrumed to said standard at a point offset from the middle thereof and having a longitudinally-adjustable connection with said standard, and a reversible pawl mounted on said lever and having a longitudinally-adjustable connection therewith.

2. A wagon-jack comprising a post or standard reversible end for end and provided with two series of oppositely-disposed teeth, a lever fulcrumed on said standard at a point offset from the middle thereof and pro-

vided with a keyhole-slot comprising two pivot portions and a contracted guideway connecting the two, a pivot-stud secured on said standard and provided with a flattened shank designed to slide over said guideway and turnable in either of said pivot portions, and a reversible strut or pawl designed for engagement with either series of teeth and provided with a similar keyhole-slot, the lever-bar being provided with a stud having a flattened shank designed for the accommodation of the keyhole-slot of said pawl.

In testimony whereof I affix my signature in presence of two witnesses.

ANDREW J. SHAMBLIN. [L. s.]

Witnesses:

DANIEL W. SHAMBLIN,
J. H. BAKER