

G. H. Tule,

Lifting Jack.

No. 111,098.

Patented Jan. 17, 1871.

Fig. 1

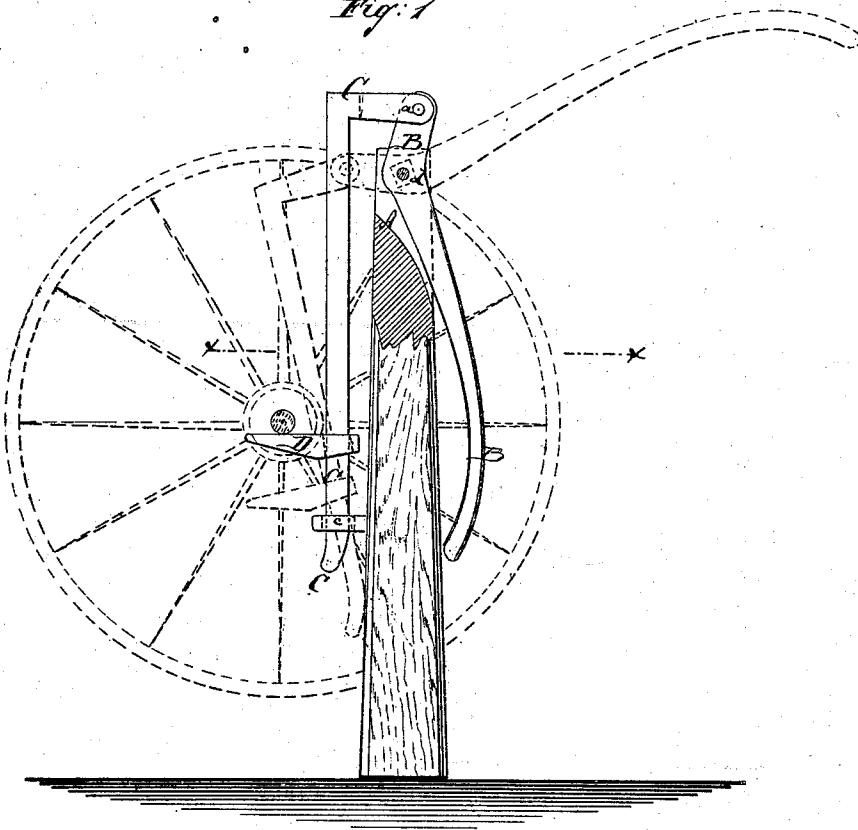
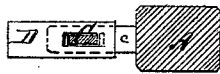


Fig. 2.



Witnesses:

L. Praetig.
G. S. Moabee

Inventor:

G. H. Tule
PER *Munn*
Attorneys.

UNITED STATES PATENT OFFICE.

GEORGE H. TULE, OF HADDONFIELD, NEW JERSEY, ASSIGNOR TO HIMSELF
AND SAMUEL WOOD, OF SAME PLACE.

IMPROVEMENT IN WAGON-JACKS.

Specification forming part of Letters Patent No. **111,098**, dated January 17, 1871.

To all whom it may concern:

Be it known that I, GEORGE H. TULE, of Haddonfield, in the county of Camden and State of New Jersey, have invented a new and Improved Wagon-Jack; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a side view, partly in section, of my improved wagon-jack. Fig. 2 is a horizontal section of the same on the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

This invention relates to a new wagon-jack, which is of extremely simple construction and readily adjusted to any desired height.

The invention consists in the application to the lifting-lever of an elbow-pendant, which sustains the adjustable rest or slide whereon the axle or weight is to be held. All parts are so securely connected and arranged that the jack will be entirely reliable, and, furthermore, of very simple construction.

A in the drawings represents the post or standard of my improved wagon-jack. To the upper end of the same is pivoted the working-lever, B, which has to its short end, pivoted by a pin, *a*, the short arm of an elbow-

rod, C. The long arm of the rod C passes through a perforated guide or loop, *c*, which is affixed to the side of the post A. On the long arm of the rod C slides the vertically-adjustable rest D, which is perforated to receive the rod C, the edges of the aperture being inclined so that the rest will sustain itself in any desired position when weighted, but will be readily adjustable when not loaded. The rest is raised by means of the lever B from the lower to the higher positions, (shown, respectively, by dotted and full lines in Fig. 1,) having been previously adjusted on the rod C to the desired height of lowest position. The pin *a* will in the elevated position of the jack be beyond the line of the pivot *d* of the lever B, as shown in Fig. 1, and a spontaneous working down of the rest is thereby effectually prevented. The lower end of the rod C is at all times properly guided in the loop *c*, and thereby steadied.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The wagon-jack composed of the post A, lever B, elbow-rod C, slide D, and guide *c*, all arranged and combined substantially as herein shown and described.

GEORGE H. TULE.

Witnesses:

CHARLES CLEMENT,
R. ELMER CLEMENT.