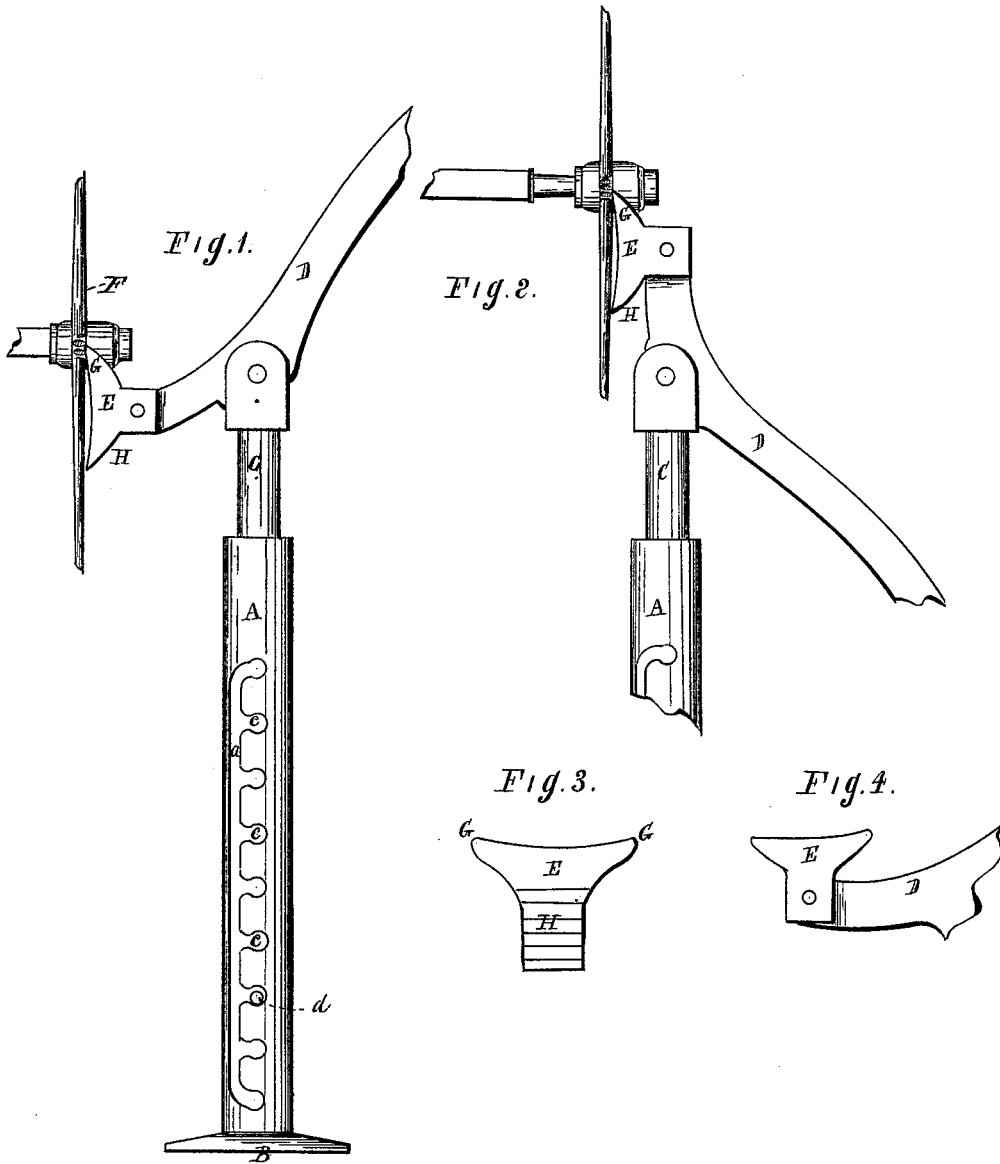


O. V. PRICE.
Lifting-Jack.

No. 202,666.

Patented April 23, 1878.



Witnesses.
Geo. H. Thomas,
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UNITED STATES PATENT OFFICE.

ORLANDO V. PRICE, OF MOUNT VERNON, OHIO.

IMPROVEMENT IN LIFTING-JACKS.

Specification forming part of Letters Patent No. **202,666**, dated April 23, 1878; application filed March 30, 1878.

To all whom it may concern:

Be it known that I, ORLANDO V. PRICE, of Mount Vernon, in the county of Knox and State of Ohio, have invented a certain new and Improved Lifting-Jack; and I do hereby declare that the following is a full, clear, and complete description thereof, reference being had to the accompanying drawings, making a part of the same.

Figures 1 and 2 are side views of the lifting-jack, shown in different positions. Figs. 3 and 4 are detached sections.

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

The nature of this invention relates to a lifting-jack; and the special novelty of the same consists of a peculiarly-shaped head pivoted to the lifting end of the jack-lever, which, when the jack is used for lifting the axle of a vehicle, is placed under the hub of the wheel, so that on lifting the axle the wheel is drawn partially off, so that the application of the grease or oil to the axle can be made without removing the wheel or handling it.

A further and more full description of the invention is as follows: The standard of the jack consists of a tube, A, Fig. 1, supported on a foot-piece, B. In the tube is loosely fitted a shaft, C, in the upper end of which is pivoted the lever D. To the short arm of the lever is pivoted a head, E, a detached view of which is shown in Fig. 3, which represents the upper side or face of the head. In the side of the standard is a slotted opening, *a*, communicating with the series of holes or rests *c*, for receiving the pin *d* projecting therein from the shaft C.

The practical operation of the jack will be readily understood on examination of the drawing, Fig. 1, in which F represents a wheel or a section of one. Under the hub, on the outer side of the spokes, the head E of the jack is adjusted, so that the face of the head will lie against the spokes, as shown in said Fig. 1. On depressing the long arm of the lever, the wheel will be raised, and at the same time it

will be drawn from the axle, as shown in Fig. 2. To the exposed part of the axle is applied grease, and the wheel again slipped on by lowering the jack.

It will be obvious that by this means a wheel can be greased without removing it from the axle or applying the hands to the wheel for that purpose.

On lifting the wheel the arms G of the head prevent the hub from slipping from the jack, while the lip H of the head holds the wheel steady and upright while being lifted, and at the same time keeps the wheel from striking against the standard.

In order to use the jack for lifting a body directly upward, the head is adjustable, as shown in Fig. 4, face upward, in which position it is placed under the object to be raised.

The jack may be adjusted as to height by shifting the pin *d* in the holes or rests.

I am aware that tubular standards for lifting-jacks have been used, and that heads have been pivoted to the end of the lifting-lever; hence I do not claim, broadly, a lifting-jack consisting of such parts; but that which distinguishes my invention from others is the peculiar shape of the head, whereby I am enabled to apply the jack to the front of the wheel, and, while lifting said wheel, draw it partially off the axle, so that it can be greased without taking the wheel entirely off.

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

In lifting-jacks, a head, E, pivoted to the handle or lever D thereof, and provided with projections G, between which projections to receive the hub of a wheel, and a depending lip, H, for bracing and steadying said wheel by being held against the spokes in the application of the head to the hub of a wheel, substantially as herein set forth, and for the purpose specified.

ORLANDO V. PRICE.

Witnesses:

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