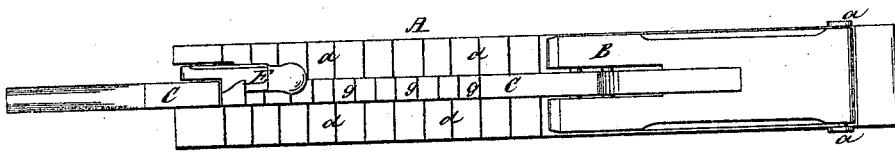
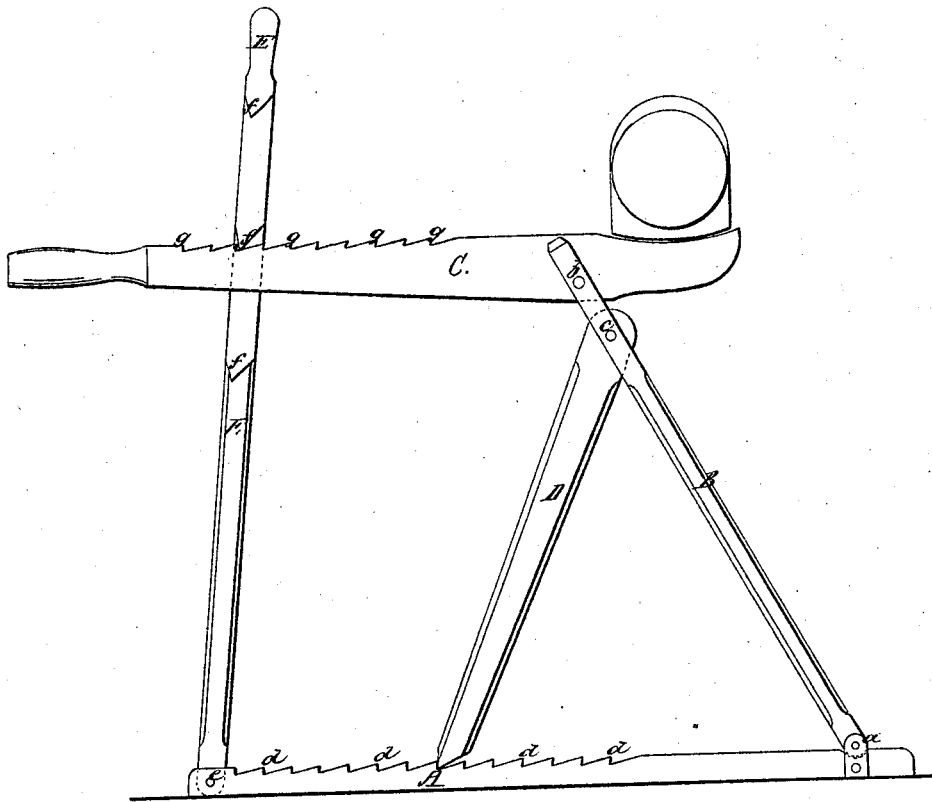


*H. Culver,*  
*Lifting Jack,*  
*No 51,807,* *Patented Jan. 2, 1866.*



*Witnesses*  
*Wm. Freurn*  
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# UNITED STATES PATENT OFFICE.

HORACE CULVER, OF RICHFIELD, OHIO.

## IMPROVED LIFTING-JACK.

Specification forming part of Letters Patent No. 51,807, dated January 2, 1866.

*To all whom it may concern:*

Be it known that I, HORACE CULVER, of Richfield, in the county of Summit and State of Ohio, have invented a new and Improved Lifting-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 is a side elevation of my lifting-jack, showing its application. Fig. 2 is a plan or top view.

Similar letters of reference indicate like parts.

My invention consists in the combination of certain parts to constitute a lifting-jack which shall be simple, cheap, and durable, and which can be regulated and used readily and with facility.

To enable others to understand my invention, I will proceed to describe it.

A represents the bed-piece or sill, which is to rest upon the ground or floor.

B is a standard, which is pivoted to the bed-piece, as shown at *a* in both figures. To the other end of this standard the lifting-lever C is pivoted, as shown at *b*, Fig. 1.

D is a prop, which is pivoted to the standard B just between the lifting-lever, as shown at *c*, Fig. 1. This prop has its lower end sharpened so that it will catch against one of a series of teeth, *d*, cut on the upper surface of the bed-piece A.

E is the locking-lever, and its lower end is pivoted to the bed-piece A, as shown at *e*, Fig. 1. On one side of the lever E there are made

three (more or less) noses or catches, *f*, each nose being suitable for catching against one of a series of teeth, *g*, made on the upper surface or top of the lifting-lever C.

To use this jack it is placed nearly under the axle of the wagon and the lifting-lever thrust forward. The standard B raises the lifting end up to the axle, the prop the meanwhile dragging along the teeth *c* on the bed-piece, and this, so soon as the lever is released, catches against the proper tooth and holds the lifting-lever up against the axle. Now the locking-lever is brought, with its appropriate nose or catch, (which is regulated by the height from the ground of the axle to be raised,) over the teeth *f* of the lifting-lever. The wheel is then raised by pressing down the lifting-lever, and the lifting-lever is locked in the proper position by the nose or catch in the locking-lever resting against the appropriate tooth *f* on the lifting-lever.

It will be noticed that this jack can be used readily for large or small wheeled vehicles, and it possesses the advantage of being very simple in construction and cheap. It has no parts which can get out of order, and, as a whole, it is a very handy and durable jack.

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

The combination and arrangement of the bed-piece A, standard B, prop D, lifting-lever C, and locking-bar E, substantially as shown and described.

HORACE CULVER.

Witnesses:

O. M. OVIATT, Jr.,  
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