(No Model.)

A. J. SOUDERS.

LIFTING JACK.

No. 401,865. Patented Apr. 23, 1889.

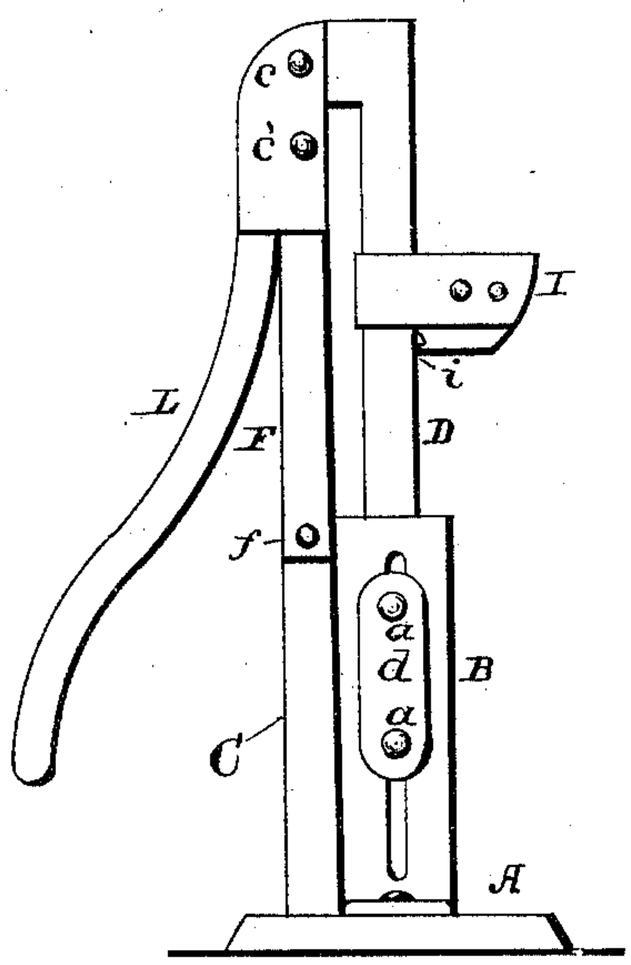

Fig. 1.

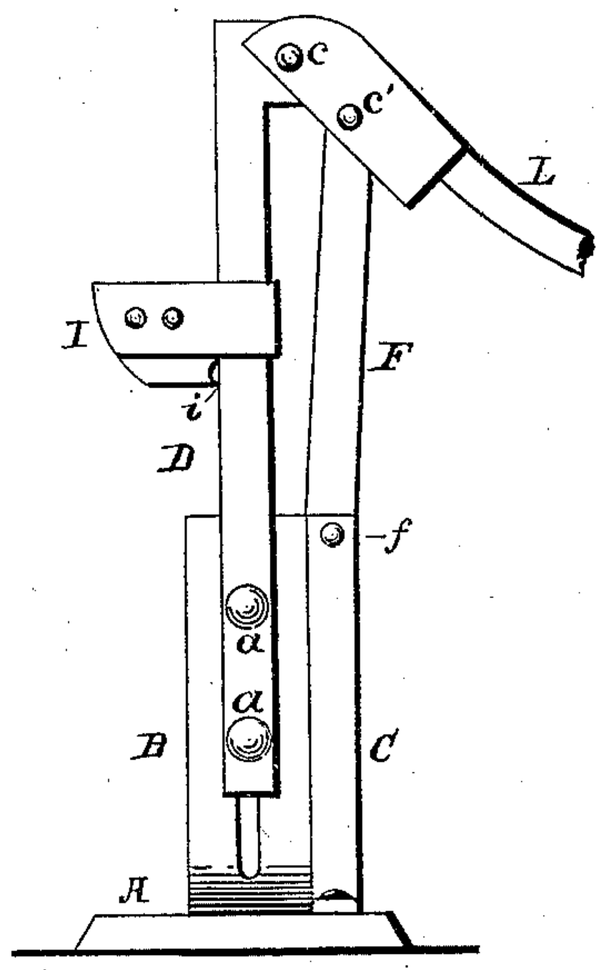

Fig. 2.

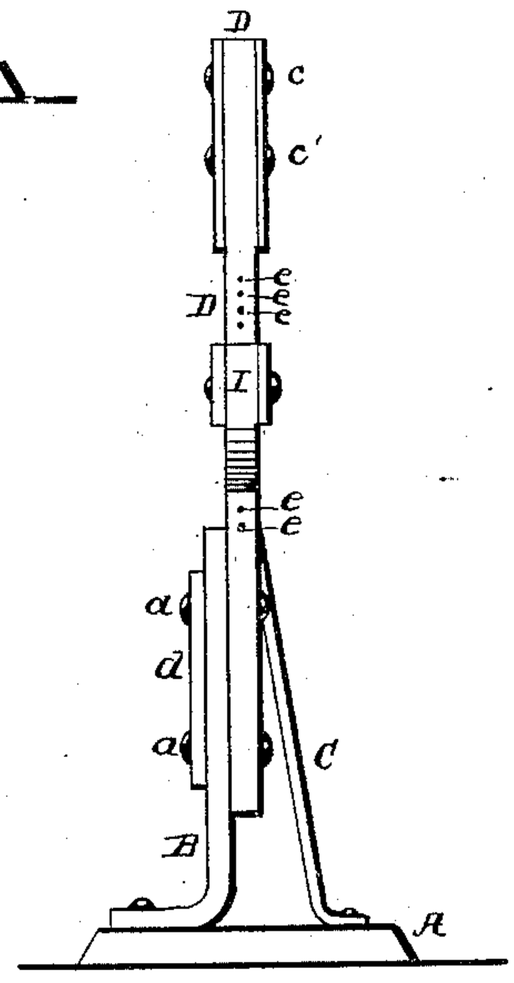

Fig. 3.

Witnesses,
Joseph Cook
E. W. Stuart

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Addison J. Souders,
By his Attorney
C. R. Humphrey

UNITED STATES PATENT OFFICE.

ADDISON J. SOUDERS, OF BRIMFIELD, ASSIGNOR TO DELOS HART, OF SPRINGFIELD, OHIO.

LIFTING-JACK.

SPECIFICATION forming part of Letters Patent No. 401,865, dated April 23, 1889.

Application filed November 20, 1888. Serial No. 291,519. (No model.)

To all whom it may concern:

Be it known that I, ADDISON J. SOUDERS, a citizen of the United States, residing at Brimfield, in the county of Portage and State of Ohio, have invented a certain new and useful Lifting-Jack, of which the following is a specification.

My invention has relation to improvements in that class of metallic lifting-jacks known as "wagon" or "buggy" jacks, and is an improvement of the jack for which I was granted United States Patent No. 348,480 on the 31st day of August, 1886.

The object of my invention is the production of a jack which shall be simple in construction and readily adjustable to different heights of axle.

It consists in the construction and combination of parts hereinafter described, reference being had to the accompanying drawings, forming part of this specification.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 is a side elevation showing the jaw raised; Fig. 2, a similar elevation from the opposite side, the jaw being lowered; and Fig. 3, a front elevation.

On a base, A, is attached a slotted upright post, B, prevented from lateral movement by a brace, C, attached as hereinafter specified.

On one side of the post B, and connected therewith by rivets *a* and washer *d* on its opposite side, is a vertically-moving lifting-bar, D, having in its front edge a series of holes, *e*, and having its upper end turned back to form an attachment with the upper end of the lever L. On this bar is a sliding jaw, I, having a projection, *i*, adapted to enter each of the holes and retain the jaw from sliding downward. By raising the outer end of the jaw the projection *i* is withdrawn from any hole *e*, and the jaw can then be moved along the bar D to adapt it to any desired height.

Pivoted between the post B and brace C by a rivet, *f*, is a link, F, with its upper end pivoted to a lever, L, by a rivet, *c'*, the upper end of said lever being also pivoted to the backwardly-turned end of the lifting-bar D by a rivet, *c*, the whole so arranged that when the lever L is thrown down, as shown in Fig. 1, the rivets *c c' f* will be in vertical alignment and prevent the descent of the bar D.

I claim as my invention—

The herein-described lifting-jack, consisting of the base A, slotted post B, lifting-bar D, having holes *e* in its front edge and united with the post B by rivets *a* and washer *d*, and bearing the jaw I, having the projection *i*, and the lever L, pivoted to the upper end of the bar D and united with the post B and brace C by the link F, and rivet *f*, all constructed and arranged substantially as shown.

In testimony that I claim the above I hereunto set my hand.

ADDISON J. SOUDERS.

In presence of—

C. P. HUMPHREY,

F. H. STUART.