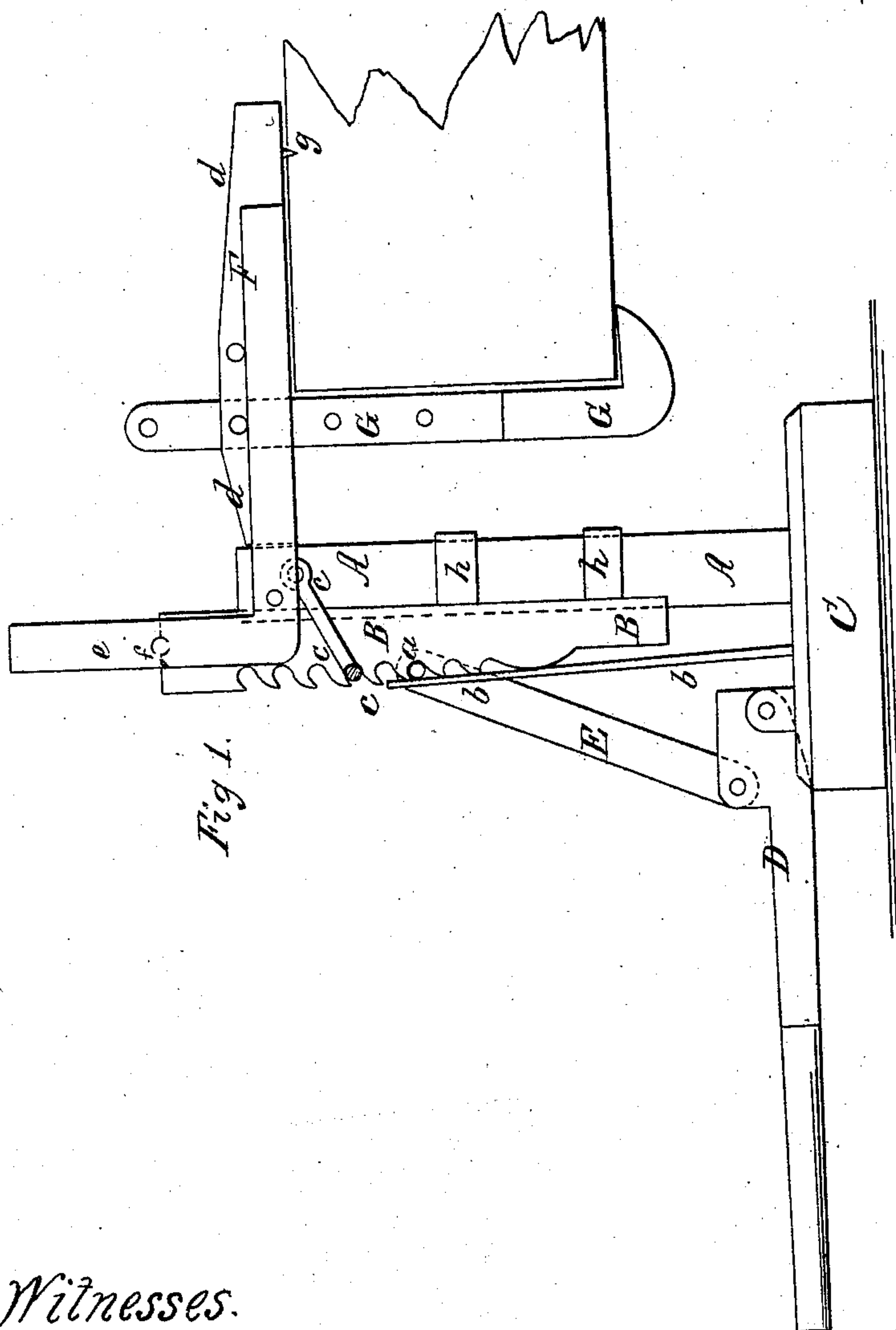
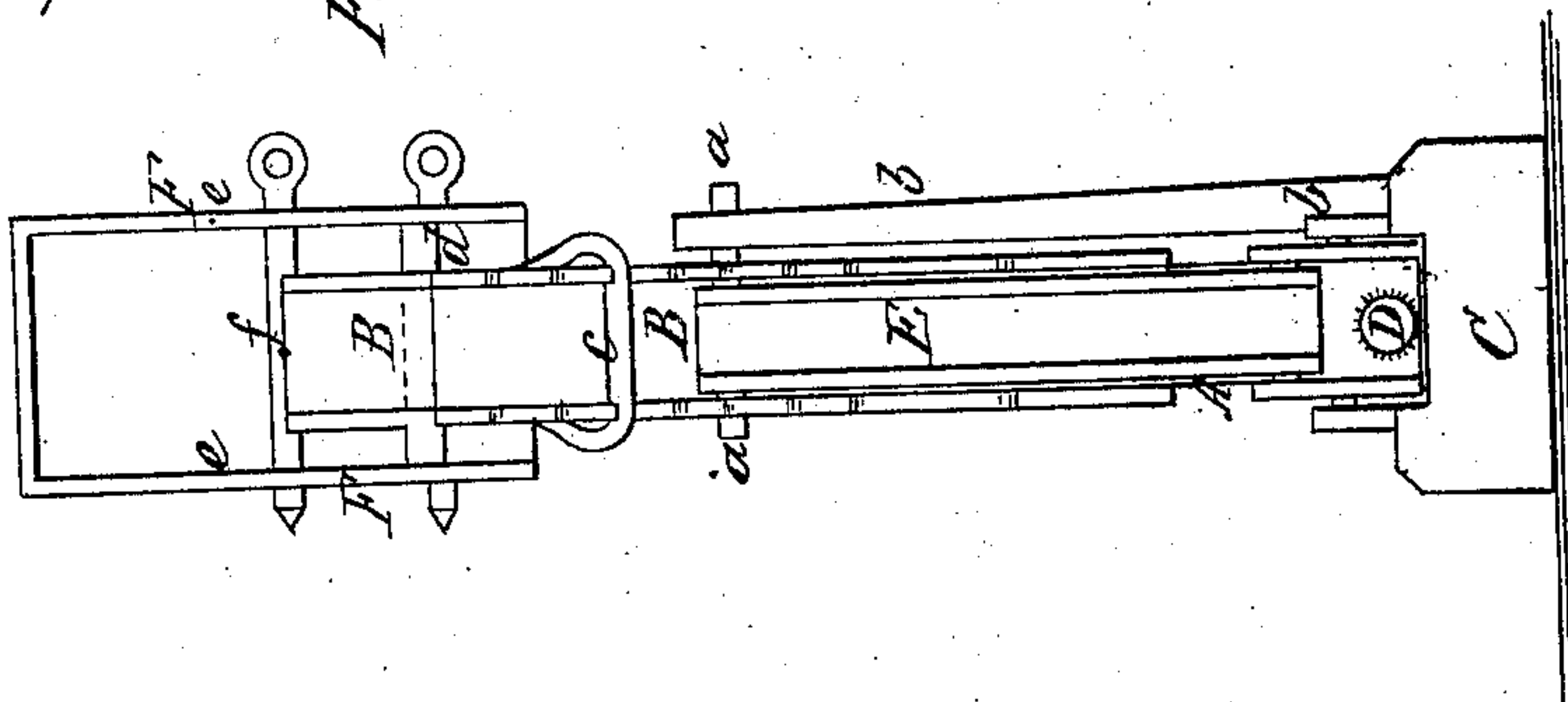


## *Lifting Jack.*

*Patented Aug. 10. 1869.*

N<sup>o</sup> 93405.

Fig. 2.



*Inventor.*

Witnesses.

Geo. W. Mabey

Yours Dear Overell

H. A. Bowyer

from *Miriam Ho*  
*city,*

# United States Patent Office.

W. A. BOWYER, OF HELEN FURNACE, PENNSYLVANIA.

Letters Patent No. 93,405, dated August 10, 1869.

## IMPROVED LIFTING-JACK.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern :*

Be it known that I, Rev. W. A. BOWYER, of Helen Furnace, in the county of Clarion, and State of Pennsylvania, have invented a new and improved Hoisting-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 drawing, forming part of this specification, in which—

Figure 1 represents a side elevation of my improved hoisting-jack.

Figure 2 is a front view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new hoisting-jack, which can be used to aid in loading timber upon wagons and for elevating other articles, and also for a wagon-jack.

The invention consists in a new lever-arrangement for operating the slide, and also of a new timber-holding attachment.

A represents the post on which the up-and-down adjustable slide B is arranged.

This slide embraces the post with one or more straps *h*, as shown.

To the platform C, from which the post A projects, is pivoted the lower end of the lever D.

E is a rod pivoted with one end to the lever D, while its other end carries a cross-pin, *a*, which fits into one of a number of notches provided in the slide B, as shown.

A spring, *b*, projecting from the platform C, holds the upper end of the rod E in its place. By swinging

the lever up into a vertical position, the rod E will raise the slide.

A click, *c*, pivoted to the post A, will then lock the slide in the elevated position, while the lever is brought down, to carry the pin *a* into another lower notch.

The log to be elevated is held between one arm *d* of an L-shaped frame, F, and a sliding hook, G.

The shank of the hook is adjustable in or on the arm *d*, to hold timber of different size, and is fastened by a pin, *g*, as shown.

The other arm *e*, of the frame F, is slotted and provided with a cross-bar, *f*, that rests on the upper end of the slide B.

On the front end of the arm *d*, are pointed projections *g*, to bite into the log.

For a wagon-jack, the frame F and appendages are dispensed with.

Having thus described my invention,

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

1. The lifting-jack, consisting of the stand A, notched slide B, lever D, rod E, spring *b*, and click *c*, all combined and operating substantially as herein shown and described.

2. The combination of the L-shaped frame F and sliding hook G, with a lifting-jack, constructed and arranged substantially as herein shown and described.

REV. W. A. BOWYER.

Witnesses:

MILES BEATY,  
I. E. COULTER.