

R. R. ROBERTS.  
Elevator for Vehicles.

No. 168,784.

Patented Oct. 11, 1875.

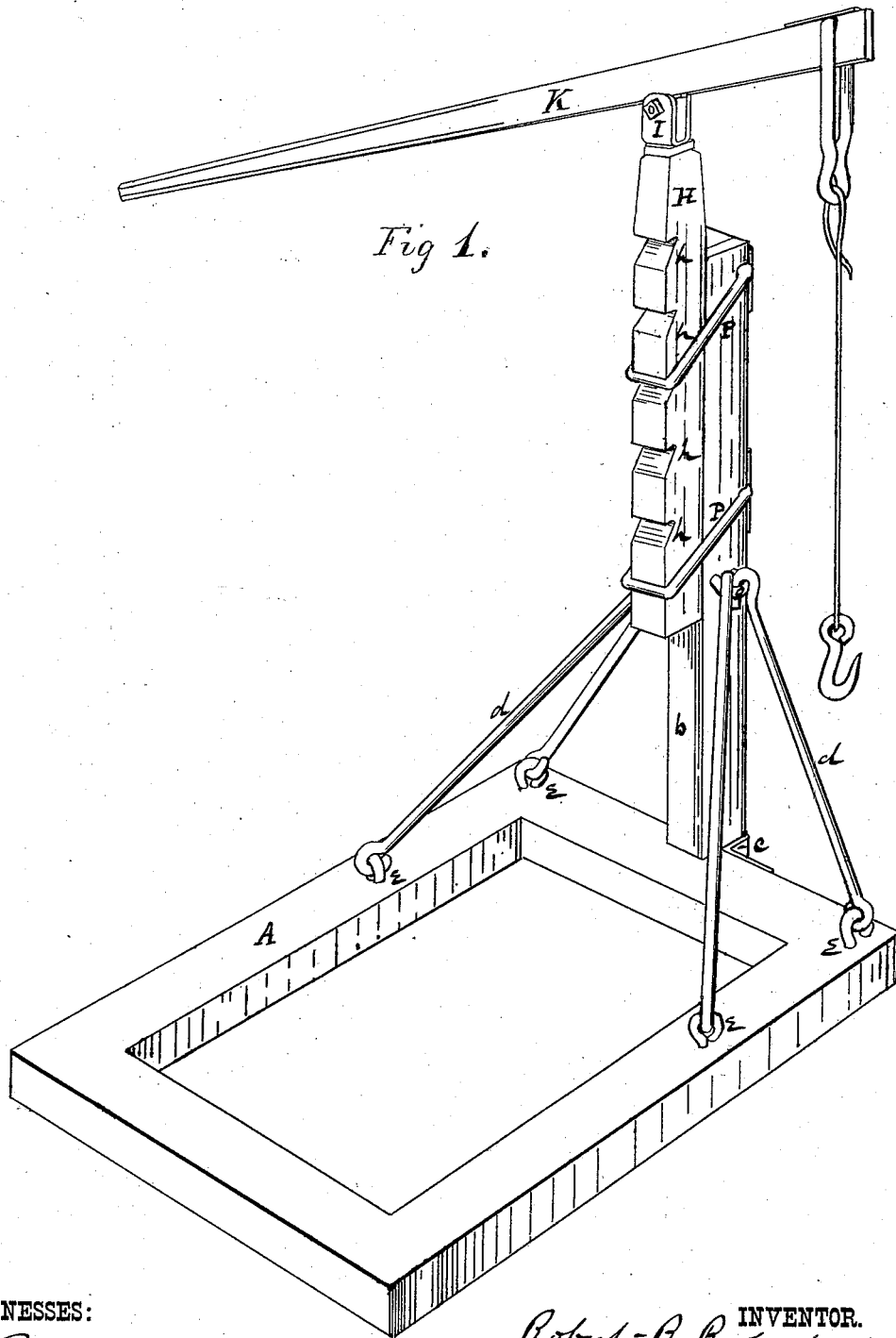


Fig 1.

WITNESSES:

*Albanis*  
*W. E. Chaffee*

INVENTOR.

*Robert-R Roberts*

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# UNITED STATES PATENT OFFICE.

ROBERT R. ROBERTS, OF VERMILLION, ILLINOIS.

## IMPROVEMENT IN ELEVATORS FOR VEHICLES.

Specification forming part of Letters Patent No. **168,784**, dated October 11, 1875; application filed July 6, 1875.

*To all whom it may concern:*

Be it known that I, ROBERT R. ROBERTS, of Vermillion, county of Edgar and State of Illinois, have invented an Improved Elevator for Vehicles.

The following description, taken in connection with the accompanying plate of drawings hereinafter referred to, forms a full and exact specification, wherein are set forth the nature and principles of the invention, by which the same may be distinguished from others of a similar class, together with such parts thereof as are claimed as new and are desired to be secured by Letters Patent of the United States.

My invention relates to that class of devices which are made use of for elevating articles upon vehicles; and the nature thereof consists in certain improvements in the construction of the same, and novel combinations of the parts thereof, hereinafter shown and described.

In the accompanying plate of drawings, in which corresponding parts are designated by the same letters, the figure is a perspective view.

A designates the frame of the vehicle to which the elevator is applied. *b* designates a standard having a notch cut in the bottom thereof in such a manner as to allow it to rest partially upon the said frame and form a projecting end, which is held to the frame by the band *c*. The said standard is secured in

position by the braces *d*, which are fastened to staples *e* in the frame and staples *o* of the standard. H designates an upright bar provided with a series of notches, *h*, and a revolving swivel, I, to which is pivoted the lever K. P P designate rectangular links, which revolve in slots cut in said standard *b*, and catch in the said notches. By means of said links the bar H may be raised, lowered, or held in any position.

I am aware that single links, similar in construction and operation to the link P, have heretofore been used. I am also aware that my invention consists of a combination of parts, each of which, individually considered, is old.

Having thus described my invention, I claim—

The portable lifting mechanism described, consisting of the standard *b*, band *c*, rods *d*, staples *o*, upright bar H, provided with notches *h*, links *p*, swivel I, and lever K, all combined and arranged as and for the purposes described.

In testimony that I claim the foregoing I have hereunto set my hand this 6th day of May, 1875.

ROBERT R. ROBERTS.

Witnesses:

S. W. MILLER,  
J. L. HOLLOWAY.