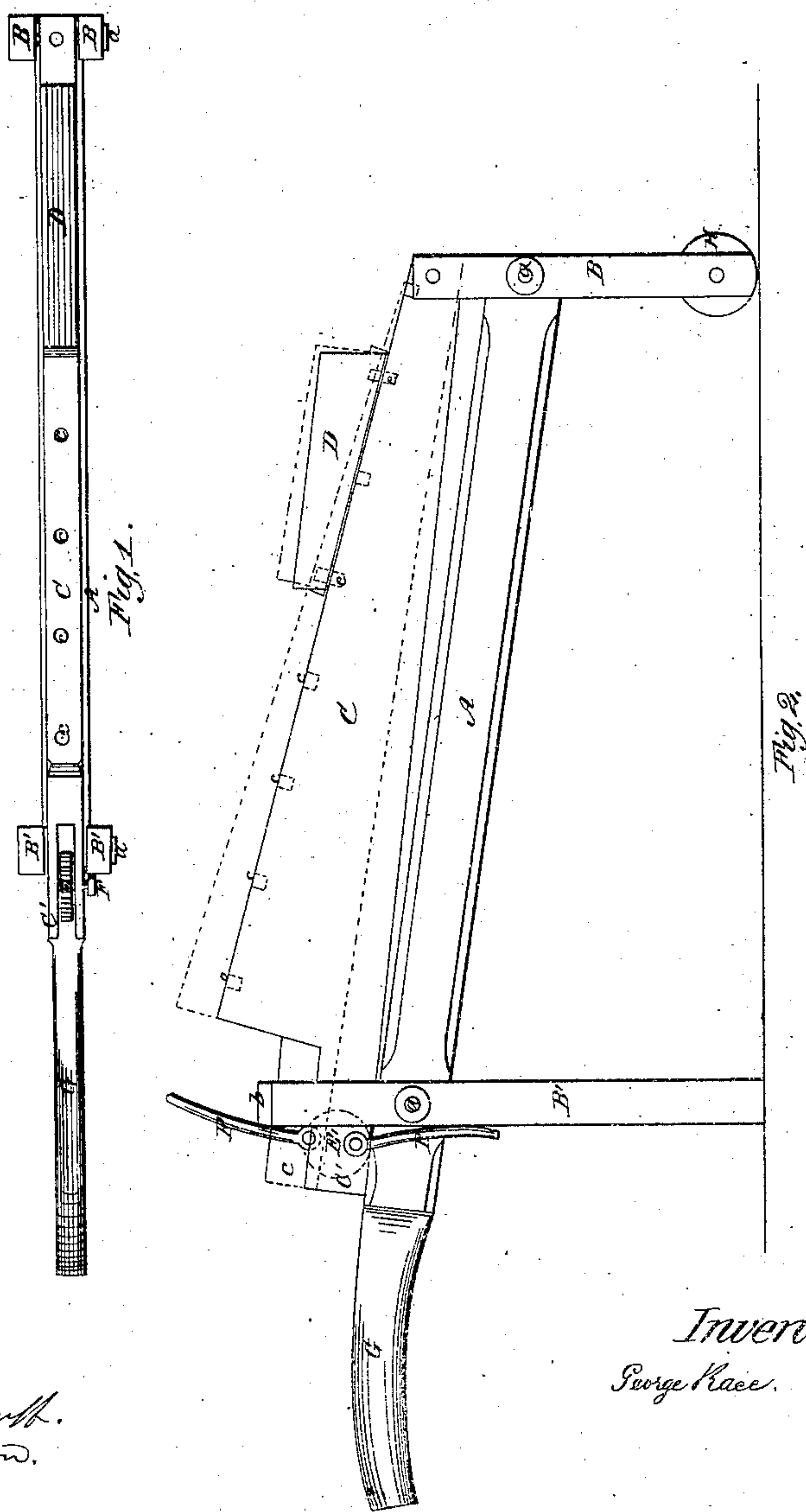


*G. Race,
Lifting Jack.*

N^o 62,442.

Patented Feb. 26, 1867.



Witnesses.

*J. B. Woodruff.
Edw. F. Brown.*

*Inventor.
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United States Patent Office.

GEORGE RACE, OF NORWICH, NEW YORK.

Letters Patent No. 62,442, dated February 26, 1867.

IMPROVEMENT IN 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, GEORGE RACE, of the town of Norwich, in the county of Chenango, in the State of New York, have invented certain new and useful Improvements in Lifting-Jacks; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a plan or top view of the lifting-jack.

Figure 2 shows a side elevation of the same.

The object of my invention is to make an easy-operating lifting-jack for wagons and for other purposes, which consists in the arrangement and combination of an inclined lever and eccentric, with an adjustable levelling-block for varying the height, &c.

To enable others skilled in the art to make and use my invention, I will describe it more fully, referring to the drawings, and to the letters marked thereon.

I support the piece of timber A on four posts, B B, of suitable strength, and the required height for the purpose it is designed; the posts B B being secured to the inclined timber A with a single bolt or rivet, *a a* through the whole, the posts being slightly notched on to the main timber A, leaving the space between them a trifle narrower than the timber in which the movable lever C is pivoted at the lowest or forward end, so as to move up or down between the rear posts B', which have a cap, *b*, over the top connecting them together, the movable lever C being made tapering, and is placed on an incline so that it may be accommodated to various heights for which it is to be used. In the top of the tapering lever C there are a series of holes, *c c c*, to which an adjustable block, D, is attached by steady-pins *e e*, so that its position can be changed to any place on the lever C, the block D being so shaped as to be nearly level on the top where the axle or other substance rests to be lifted. The lever C' is provided with an eccentric, E, and a hand-lever, F, by which the operation of lifting is effected, it having the power of a compound lever, the eccentric E being placed in the end of the tapering lever C', convenient to be operated by the hand-lever F on the right side of the main timber A, which extends out by the posts B' sufficient to form the handle G, by which the jack is placed up to its work; and in order that it may be handled easily, there is a truck roller, H, placed between the bottom ends of the forward posts, on which it is supported to be trundled about and placed in any desired position.

It will readily be seen that there are many advantages by my improvement for a wagon-jack over many now in use. The operator can place the jack, and raise any vehicle, without coming so near to it as to endanger the soiling of clothes; the power of the eccentric at the end of the taper lever being so great as to be almost irresistible, so that very little strength is required.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The eccentric, operated by a hand-lever, in combination with the inclined tapering lever and adjustable levelling-block, substantially as and for the purposes herein set forth.
2. I claim the arrangement of the movable block D, as secured to the taper lever C, for regulating the height of the jack, to operate in the manner herein described.

GEORGE RACE.

Witnesses:

J. B. WOODRUFF,
EDM. F. BROWN.