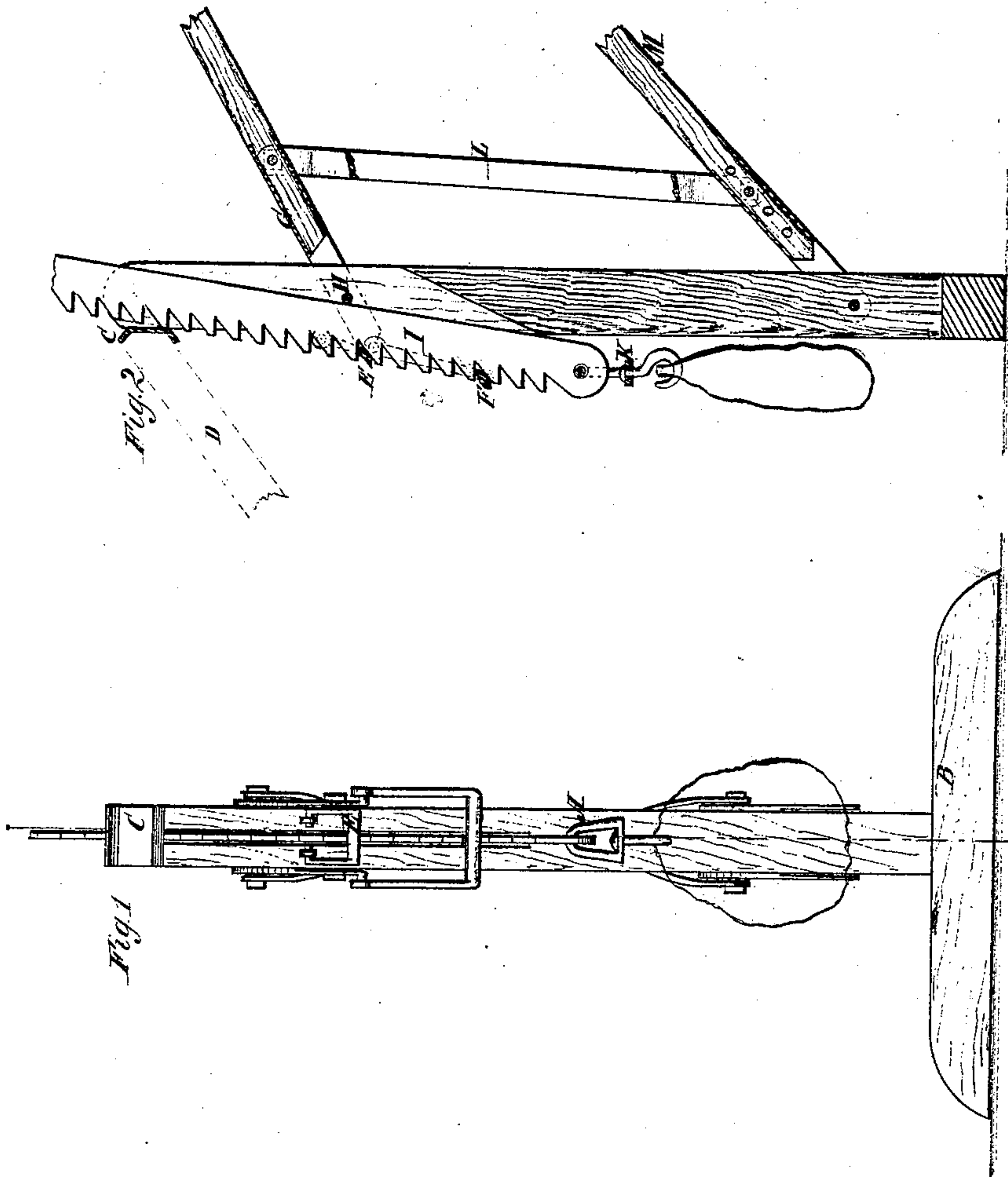


O. A. Anthony,

Lifting Jack.

No. 110,818.

Patented Jan. 10. 1871.



Witnesses:

L. S. Mabee

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ORREN A. ANTHONY, OF MAYFIELD, NEW YORK.

Letters Patent No. 110,818, dated January 10, 1871.

IMPROVEMENT IN LIFTING-JACKS.

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, ORREN A. ANTHONY, of Mayfield, in the county of Fulton and State of New York, have invented a new and improved Lifting-Jack; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification.

My invention relates to portable lifting-jacks, and consists in a simple and efficient combination of parts, which render it very portable and yet adapted to the elevation of considerable weights.

Figure 1 is a front; and

Figure 2, a vertical section through the middle thereof.

A is a post slotted through the middle from the top downwardly.

C is a smooth bearing piece on one side of the top.

E is a fixed detent-pawl, having arms loosely pivoted on the post and near the top.

G is a lever, fulcrumed on the post by means of forked ends, and provided with a loose pawl, F, on its end.

L is a link; and

M, another lever pivoted to the post.

I is an independent unattached bar, having inclined teeth thereon, and a hook, K, or some other means, to receive the weight at the end.

The bar I is placed obliquely through the slot of the post, resting at one point on the fulcrum-pin of lever G, and at another point above and against the smooth-surfaced piece C. It is prevented from dropping through from its own gravity by the detent-pawl E.

When ready, the power-end of lever G is elevated, which carries its swinging pawl F down, and when the said power-end is depressed the pawl catches on the inclined teeth of the bar and elevates it. The detent-pawl holds the bar at the point to which it has been raised until a new lift has been made.

The weight is thus made to attain the desired position. In case of using a high post the lever M may be also employed.

Having thus described all that is necessary to a full understanding of my invention,

What I esteem to be new, and desire to protect by Letters Patent, is—

The slotted post A having loose pawl E and top-piece C thereon, and the pivoted pawled lever G H E, combined as described, with the unattached notched bar I, as and for the purpose specified.

ORREN A. ANTHONY.

Witnesses:

E. A. ELPHEE,
H. TITCOMB.