C. GRAY.

WAGON-JACK.

No. 170,548. Patented Nov. 30, 1875.

Fig. 1

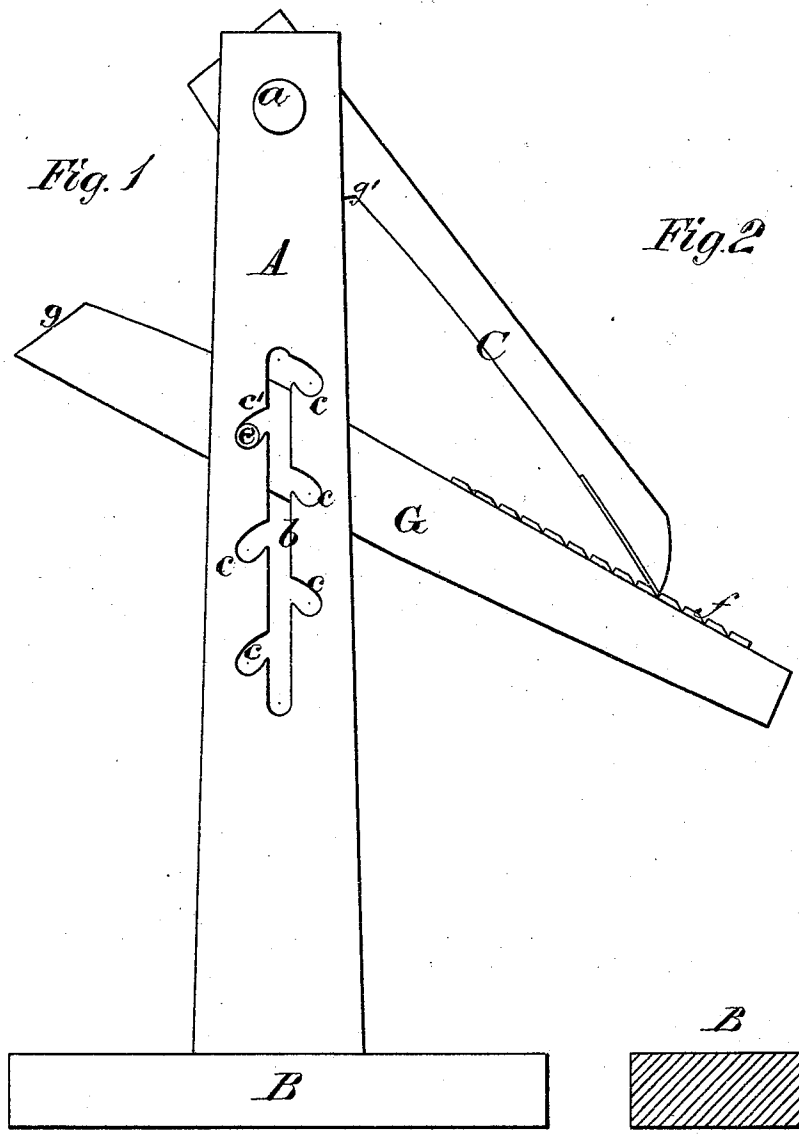
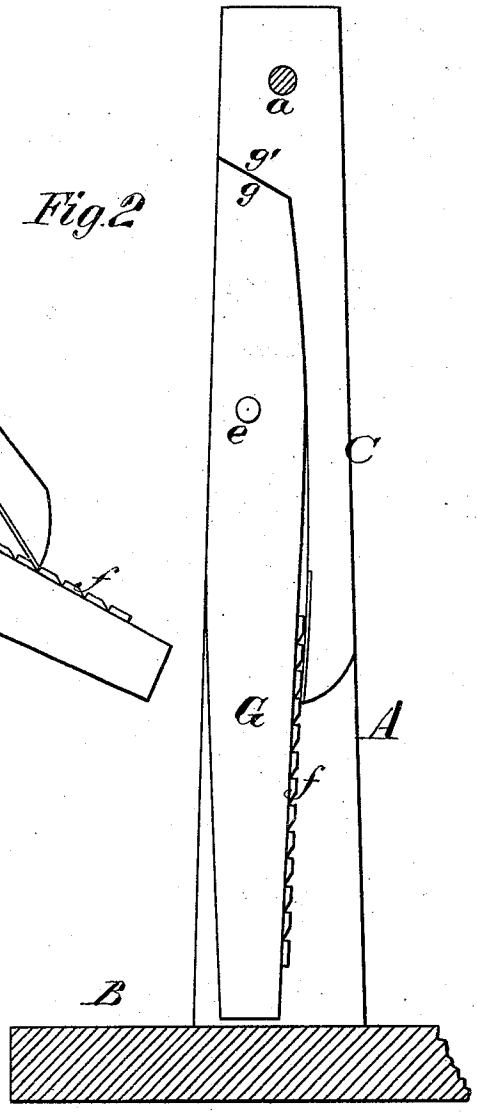


Fig. 2



WITNESSES

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CHARLES GRAY, OF GREENE, NEW YORK.

IMPROVEMENT IN WAGON-JACKS.

Specification forming part of Letters Patent No. **170,548**, dated November 30, 1875; application filed November 13, 1875.

To all whom it may concern:

Be it known that I, CHARLES GRAY, of Greene, in the county of Chenango and State of New York, have invented a new and valuable Improvement in Wagon-Jacks; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of my wagon-jack, and Fig. 2 is a longitudinal vertical sectional view thereof.

This invention has relation to wagon-jacks which are composed of vertically-slotted standards, a lifting-lever which is vertically adjustable, and a retaining-pawl.

The nature of my invention consists in so constructing wagon-jacks of the above kind that their levers and pawls can be closed in between their standards for compactness, and also for the purpose of preventing the levers and pawls from being broken, as will be hereinafter explained.

In the annexed drawings, A A designate two standards, which rise perpendicularly from a base, B, and are connected together at their upper ends by means of a fulcrum-bolt, *a*, to which a long pawl, C, is pivoted. Each standard, A, has a vertical slot, *b*, in it, on each side of which notches *c c'* are made for receiving a fulcrum-pin, *e*, which is fixed to a lever, G. The notches allow the lever G to be adjusted higher or lower, as may be required, and a rack, *f*, on the lever G is designed to receive the end of the pawl C for sustaining a weight upon the short arm of said lever. The end of the short arm of lever G is beveled, as shown at *g*, and near the upper broad end of the pawl C is a beveled shoulder, *g'*, against which the end *g* of lever G fits when the parts are adjusted as shown in Fig. 2. When lever G and pawl C are in the position last named they are wholly inclosed between the two standards A A out of sight and out of the way, and the fulcrum-pin *e* rests in the notch *c'*.

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

In a wagon-jack having standards A A, slotted and notched as described, the lever G and pawl C, formed so that they can be folded in between the said standards, as shown in Fig. 2.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CHARLES GRAY.

Witnesses:
E. WARD BROWN,
JAMES RAMSEY.