

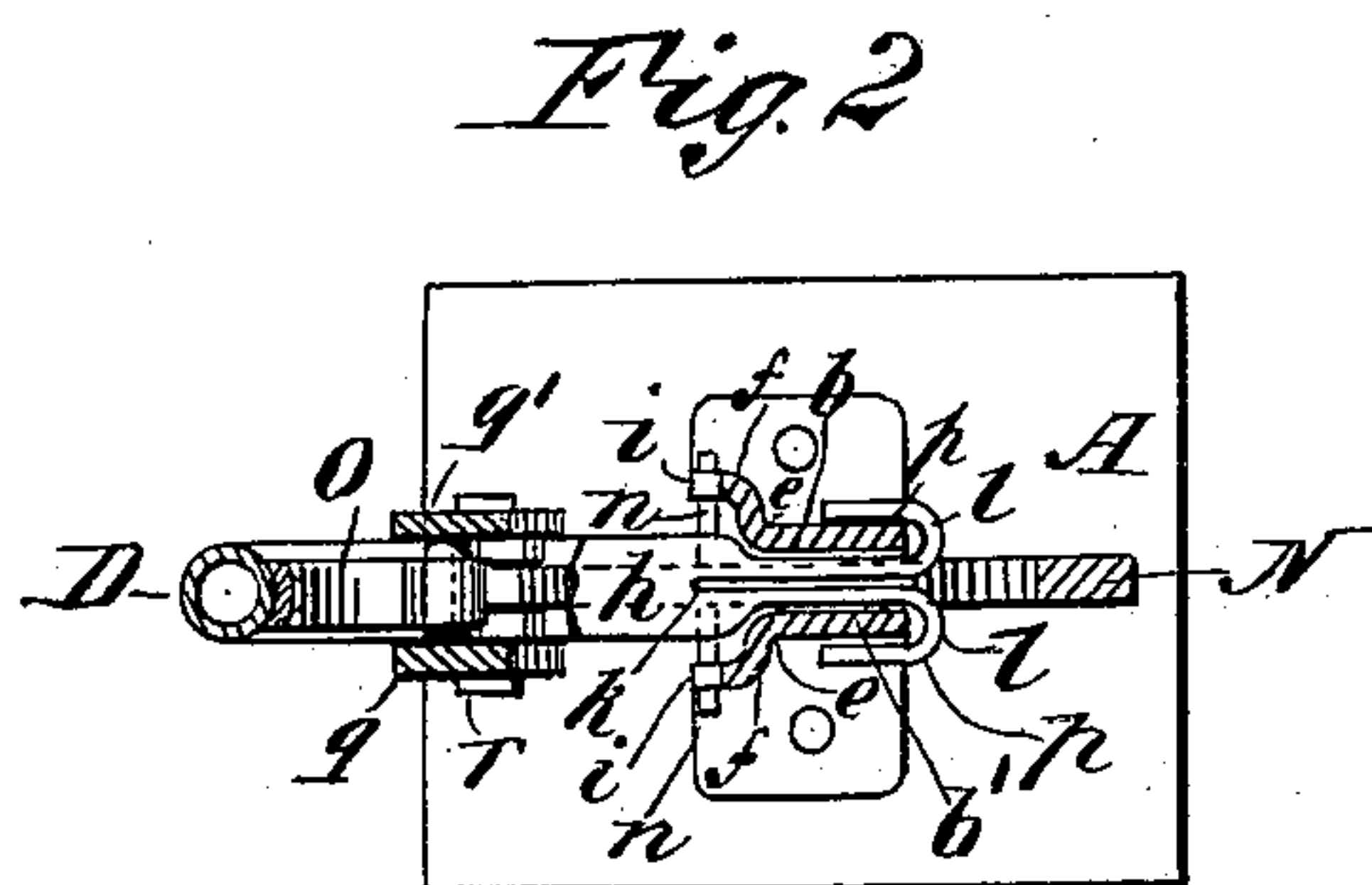
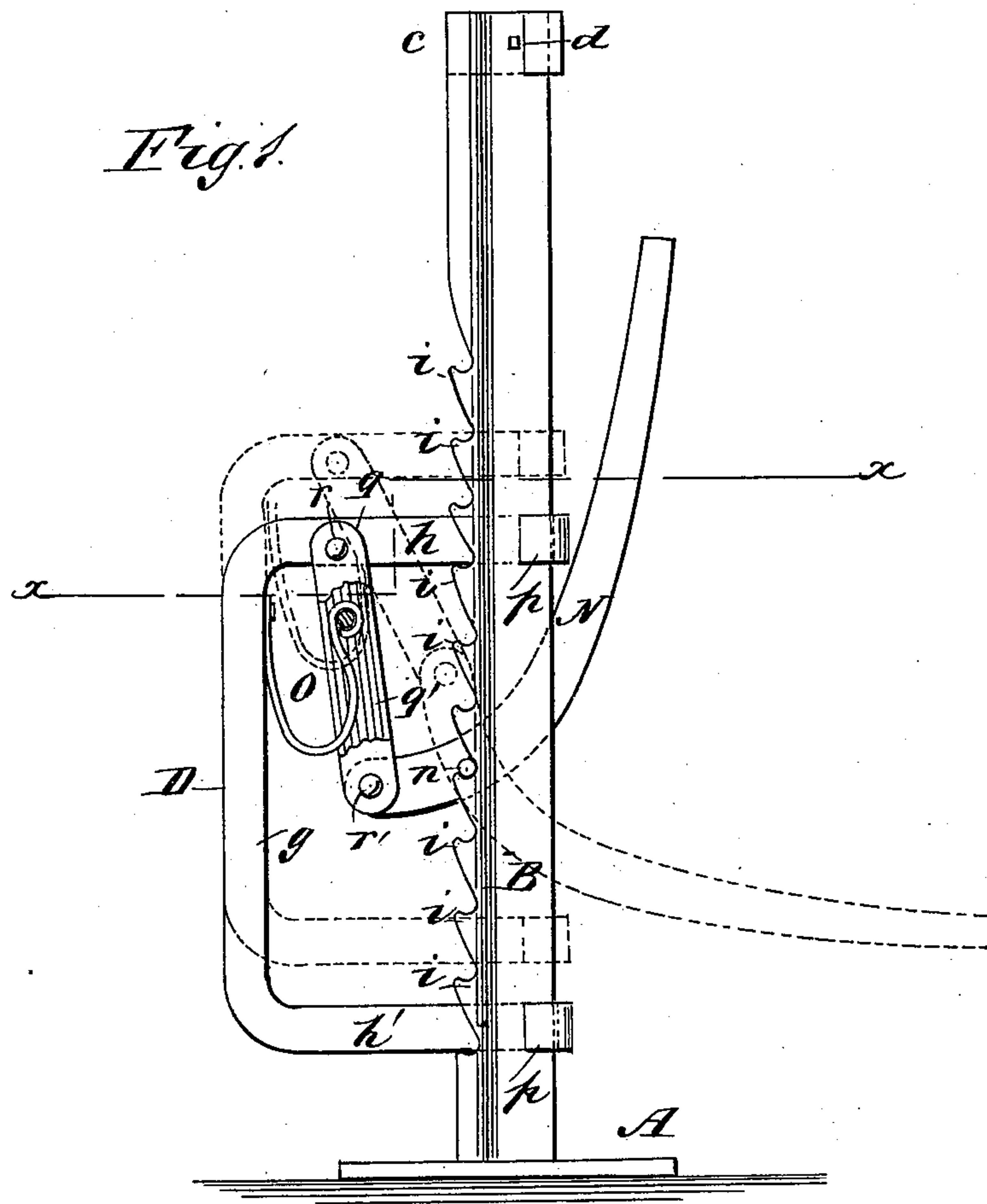
(No Model.)

W. T. EASTERDAY.

WAGON JACK.

No. 342,953.

Patented June 1, 1886.



WITNESSES:

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WILLIAM THOMAS EASTERDAY, OF WATSONVILLE, CALIFORNIA.

WAGON-JACK.

SPECIFICATION forming part of Letters Patent No. 342,953, dated June 1, 1886.

- Application filed February 6, 1886. Serial No. 191,091. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM THOMAS EASTERDAY, of Watsonville, in the county of Santa Cruz and State of California, have invented a new and Improved Wagon-Jack, of which the following is a full, clear, and exact description.

My invention relates to the construction of a wagon-jack; and it consists of certain novel constructions and combinations of parts, to be hereinafter described, and specifically pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a side view of the jack, representing in full lines the position of the parts as they appear prior to the lifting of the axle, and in dotted lines the position the parts assume after the axle has been raised to clear the wheel from the ground; and Fig. 2 is a sectional plan view of the jack, taken on broken line *xx* of Fig. 1.

In constructing such a jack as is illustrated in the drawings above referred to, I secure a standard, *B*, upon a base-plate, *A*, so that when the base-plate is standing on the floor, ground, or other level place the standard will project upward in a vertical line. The standard *B* is formed of two sections, *b* and *b'*, the lower ends of said sections being rigidly fixed to the base-plate, while the upper ends are spaced by a block, *c*, and united by means of bolts *d*, the idea being to provide a space or way between the sections constituting the standard wherein the arms of the follower may be admitted, as will be more fully explained. The bodies of the sections *b* and *b'* are parallel for about two-thirds of their width, and then branch outward at *e*, to be again carried forward in parallel lines from *f*, the portions which project forward from *f* being formed with teeth *i i i*, as clearly shown in the drawings.

The follower *D* consists of a U-shaped frame, of which the upright portion *g* is parallel with the standard *B*, while the arms *h h'*, which project at right angles from part *g*, pass through the opening or way formed between

the sections *b* and *b'*. The arms *h* are divided at *k*, as shown best in Fig. 2, their ends being bent over at *l l* so as to form loops *p*, which embrace the main parallel portions of the sections *b* and *b'*. Two links, *q q'*, are pivotally connected by a bolt, *r*, to the upper arm of the follower, and between the lower ends of these links *q q'* there is secured by a bolt, *r'*, one end of a manipulating-lever, *N*, which lever extends between the sections *b b'*, as shown. This lever *N* is provided with a pin, *n*, that engages with the teeth *i*, formed on the sections *b b'*, so that when the pin *n* is brought into engagement with the teeth, the parts being in the position shown in full lines in Fig. 1, and the lever *N* moved to the position shown in dotted lines in said figure, the follower will be raised as indicated, and as the bolt *r'* will have been at this time thrown past the line drawn from the bolt *r* to the pin *n*, the follower will be held in the elevated position to which it has been moved against any outward pressure to which it may be subjected. Although not absolutely essential to the proper working of the jack, I prefer to provide such a spring as is shown at *O*, in order that the pin *n* may be more readily thrown into engagement with the teeth *i*.

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

1. In a wagon-jack, the combination, with a standard formed of sections that are provided with teeth *i*, of a follower formed with arms *h h'*, that are looped at *p p*, and a lever, *N*, provided with a pin, *n*, and connected to the follower by a link or links, substantially as described.

2. In a wagon-jack, the combination, with a standard formed of sections *b b'*, provided with teeth *i i*, of a follower formed with arms *h* and *h'*, that are provided with loops *p*, a lever, *N*, provided with a pin, *n*, links *q q*, and a spring, *O*, substantially as described.

WILLIAM THOMAS EASTERDAY.

Witnesses:

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