

(No Model.)

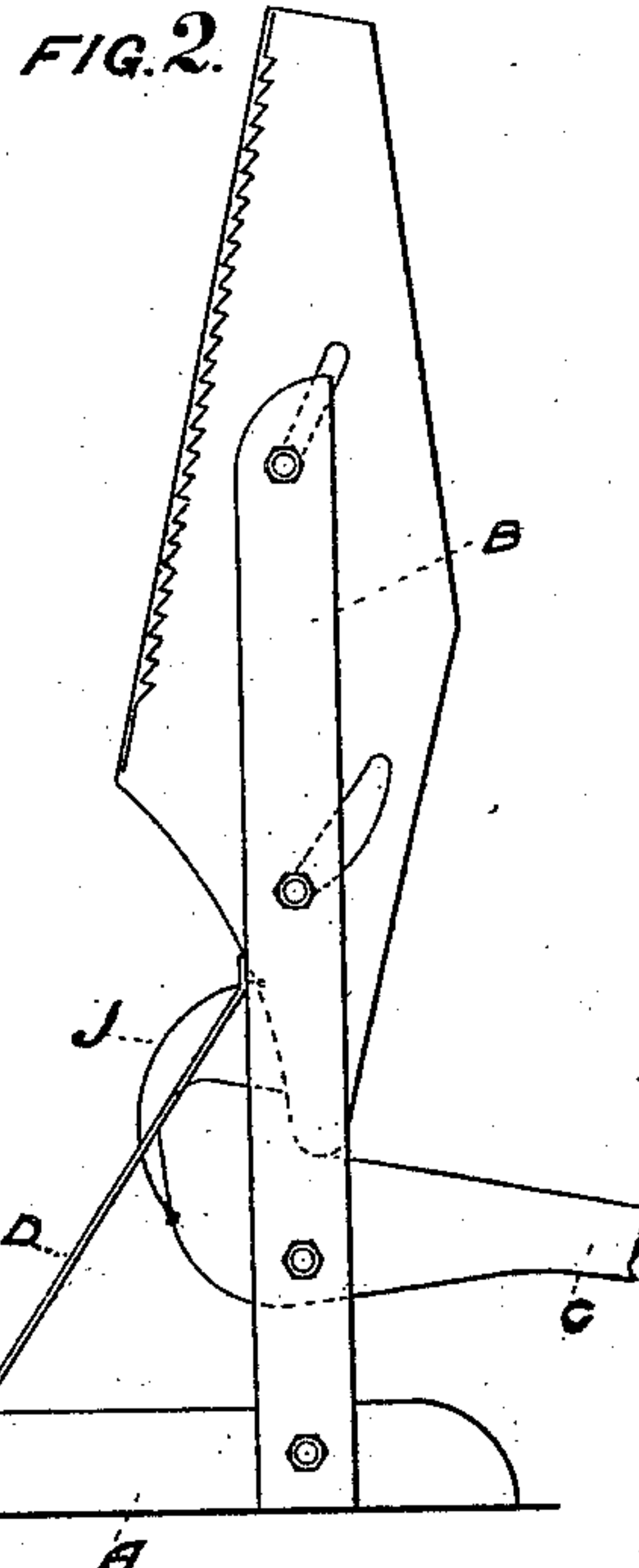
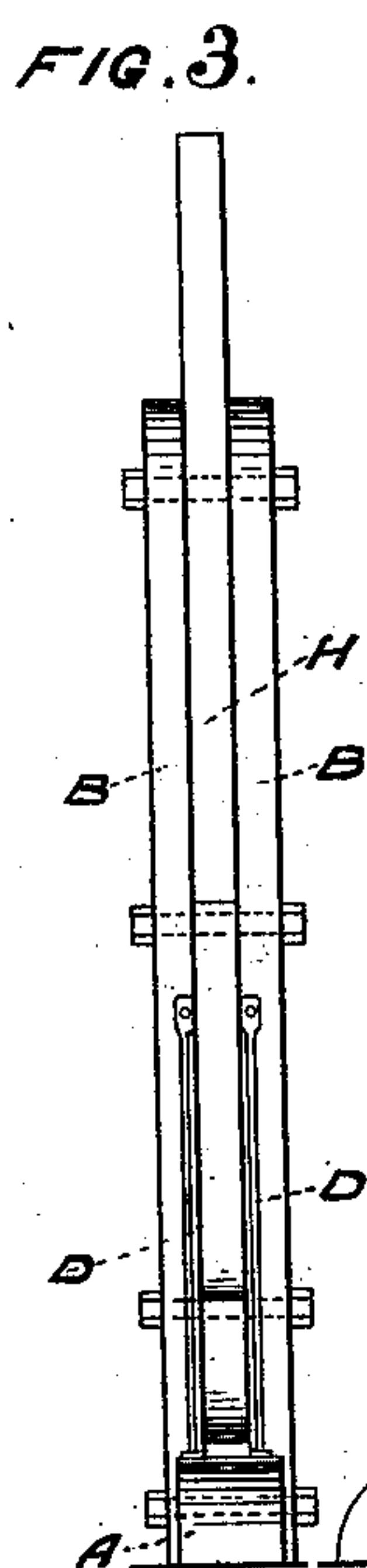
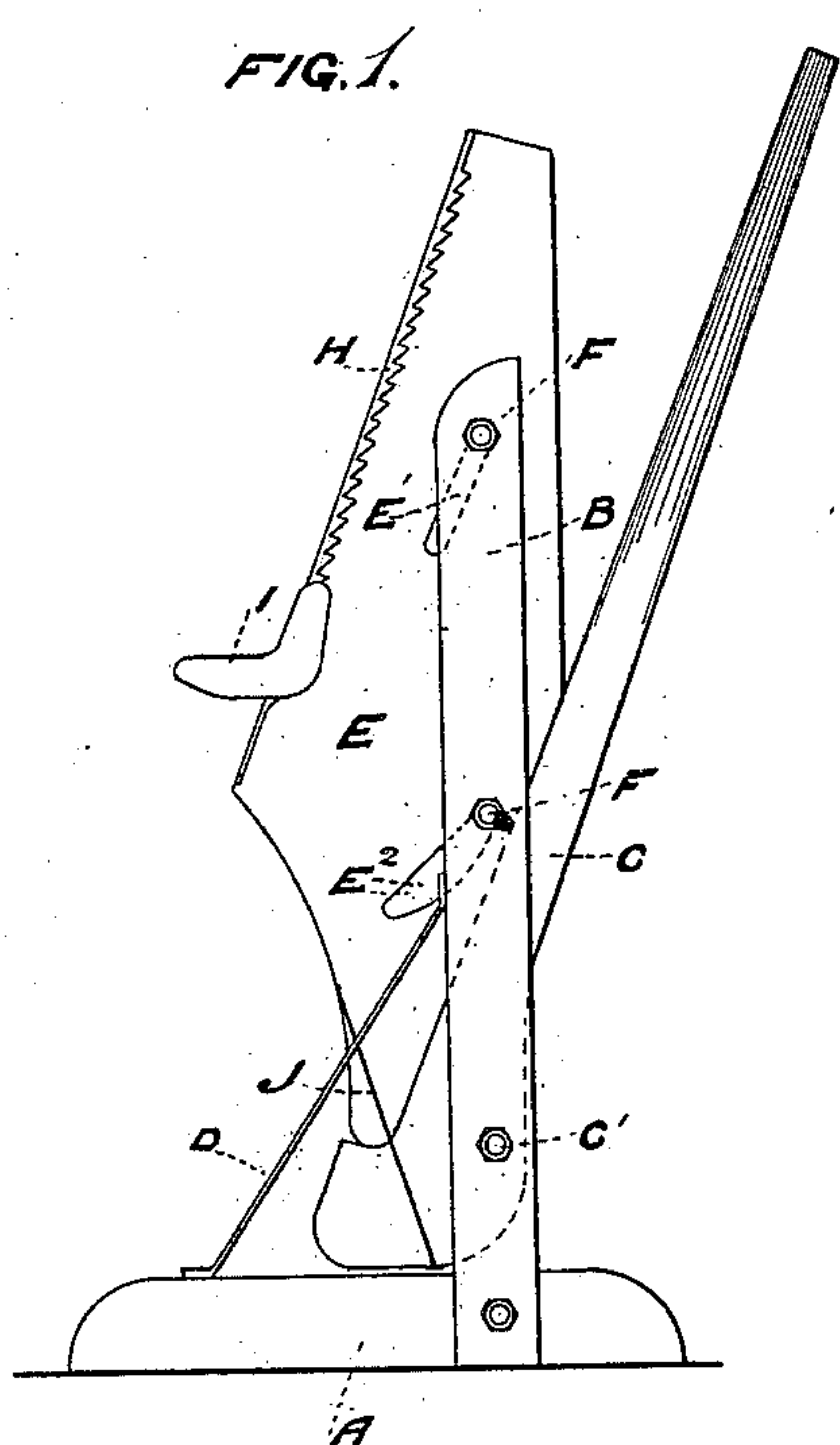
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H. W. RUBLEE.

WAGON JACK.

No. 361,025.

Patented Apr. 12, 1887.



WITNESSES:

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James A. Howze.

INVENTOR

Hiram W. Rublee
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his ATTORNEYS,

(No Model.)

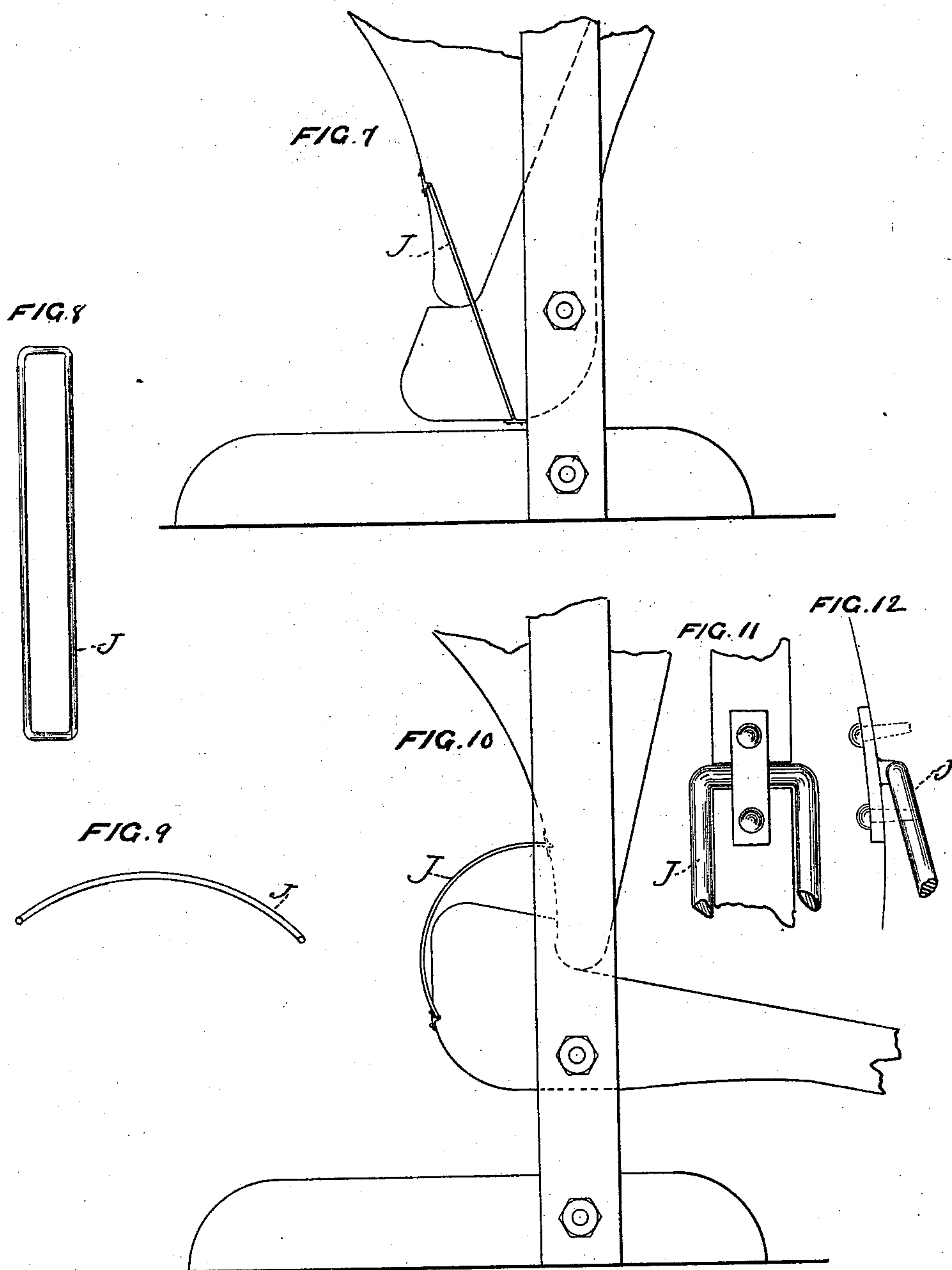
2 Sheets—Sheet 2.

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WITNESSES

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UNITED STATES PATENT OFFICE.

HIRAM W. RUBLEE, OF DENVER, COLORADO.

WAGON-JACK.

SPECIFICATION forming part of Letters Patent No. 361,025, dated April 12, 1887.

Application filed February 5, 1887. Serial No 226,632. (No model.)

To all whom it may concern:

Be it known that I, HIRAM W. RUBLEE, a citizen of the United States, residing at Denver, in the county of Arapahoe and State of Colorado, have invented certain new and useful Improvements in Wagon-Jacks, of which the following is a specification, reference being had therein to the accompanying drawings, in which similar letters refer to corresponding parts.

Figure 1 is a side elevation of my improved jack, the same being lowered. Fig. 2 is a side elevation showing the jack elevated. Fig. 3 is a front elevation of the jack in the position shown in Fig. 1. Figs. 4, 5, and 6 are front, side, and top views, respectively, of the support upon which the wagon-axle rests when my machine is in use. Figs. 7, 8, 9, 10, 11, and 12 are designed to illustrate the construction and use of spring J.

In the drawings, A is the base of the jack, to each side of which is bolted a suitable standard, B. Standards B are attached to base A near its rear extremity, the longer arm of said base being in front for the purpose of giving the jack the required stability when in use, the weight of the wagon being always in front of said standards.

C is a cam-lever, the bolt C' forming its fulcrum.

D D are braces which support standards B.

E is a lifting-bar supported between standards B by the bolts F F, which pass through the slots E' and E'', said slots being shaped substantially as shown in the drawings.

Lifting-bar E is provided with the toothed plate H, shaped as shown, and upon which a support, I, rests, as shown in Fig. 1, said sup-

port being shaped as shown in Figs. 4, 5, and 6, and provided with lugs I' I', which are received by the plate H.

J is a steel spring connecting lifting-bar E and lever C, being attached in any suitable manner to said parts, the object of said spring being to draw the lifting-bar into position in lowering the jack. A suitable means of attaching spring J to the parts connected by it is distinctly shown in Figs. 11 and 12.

In the use of my improved jack the support I may be raised and lowered upon toothed plate H at pleasure. This is an important feature of my device, and enables the operator to adjust the same quickly and easily to correspond with the height of the wagon-axle, and in changing from one wagon to another of different height. Support I is raised and lowered upon toothed plate H by taking support I in the hand and lifting its lugs out of the teeth or notches of plate H, and holding it so that said lugs will not come in contact with said teeth until the required point on plate H is reached, when the lugs I' are allowed to drop again into the teeth of plate H.

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

In a wagon-jack, the lifting-bar E, provided with toothed plate H, in combination with adjustable support I, spring J, standard B, and cam-lever C, substantially as described, and for the purpose specified.

HIRAM W. RUBLEE.

In presence of—

J. B. WILLSEA,

CHARLES EDWIN WILLIAMS.