

(No Model.)

S. LANGFORD.
Wagon Jack.

No. 238,792.

Patented March 15, 1881.

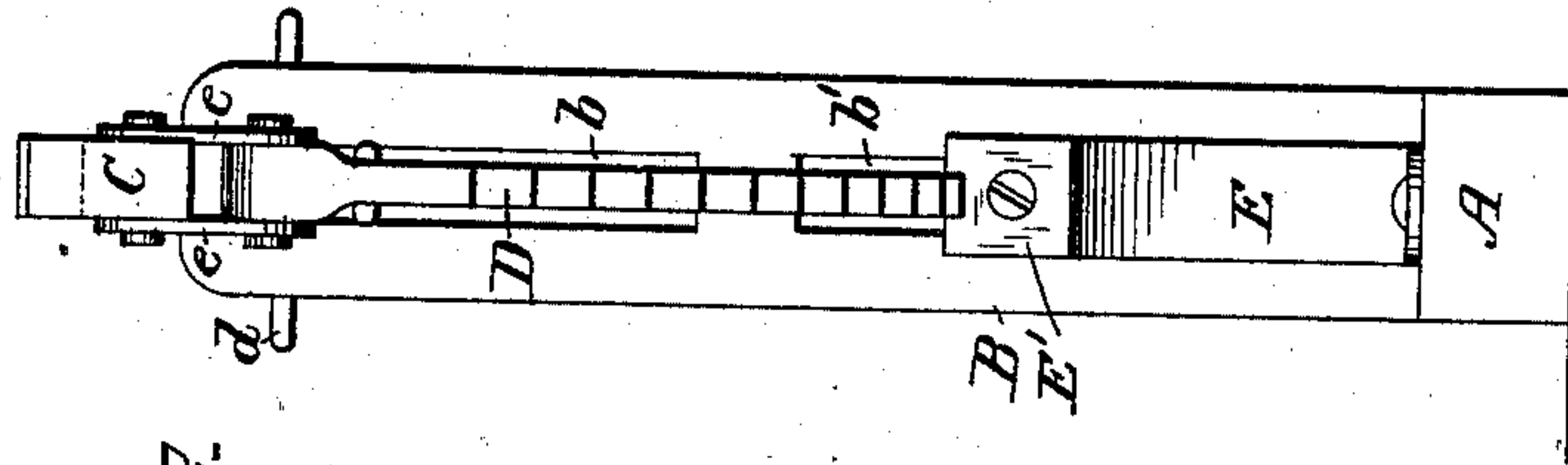


Fig. 2.

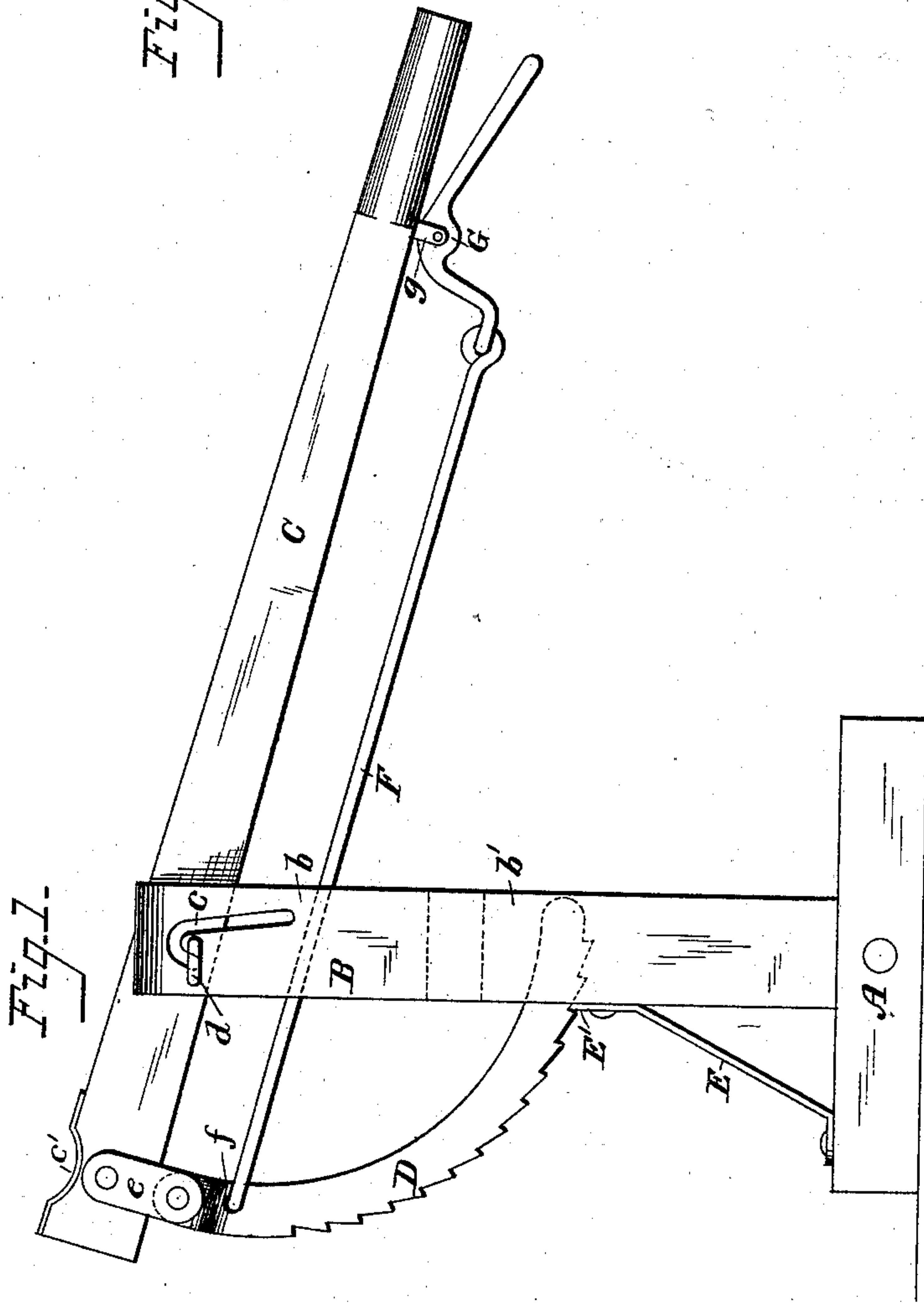


Fig. 1.

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UNITED STATES PATENT OFFICE.

SIMEON LANGFORD, OF CYNTHIANA, INDIANA.

WAGON-JACK.

SPECIFICATION forming part of Letters Patent No. 238,792, dated March 15, 1881.

Application filed January 27, 1881. (No model.)

To all whom it may concern:

Be it known that I, SIMEON LANGFORD, of Cynthiana, in the county of Posey and State of Indiana, have invented certain Improvements in Wagon-Jacks, of which the following is a specification.

The object of this invention is a wagon-jack of simple and economical construction; and the invention consists in the combination of 10 parts, as hereinafter fully described.

In the drawings, Figure 1 represents a side elevation of a jack embodying my invention. Fig. 2 is a front view of the same.

A represents the base, and B the standard, 15 of the jack. The latter is provided at its upper end with a longitudinal slot, *b*, and immediately below said slot with a second slot, *b'*. The standard is also provided with a slot, *c*, at either side of its upper end, to receive the 20 pivot *d* of the operating-lever C. The slot *c* is preferably of crook shape, as shown, to permit of the vertical adjustment of the pivoted operating-lever, and to afford bearings therefor at different heights, as hereinafter set forth. 25 The lever is notched at *c'* to receive the axle of the vehicle.

Pivoted or hung to the end of the operating-lever C, by links or brackets *e*, is an outwardly-curved rack-bar, D, the lower end of which 30 projects through the slot *b'*, the teeth engaging with a shoulder or plate, E', at the upper

end of a metallic or other brace, E, secured to the base A and to the standard immediately below the slot *b'*. A pull-rod, F, connected to the curved rack-bar D, passes through the 35 slot *b*, and is connected to a bell-crank hand-lever, G, pivoted between lugs *g* on the under side of the operating-lever.

By providing the standard with the curved slots *c*, presenting different bearings, the lever 40 may be adjusted to different heights without removing the pin, and hence the inconvenience and annoyance caused by the mislaying or loss of the pivotal pin is avoided, and a material saving of time is effected, as it 45 requires but little effort to change the lever from one bearing to another.

I claim—

The combination, in a lifting-jack, of the base A, standard B, provided with slots *c*, 50 constructed to present different bearings, lever C, pin *d*, projecting into the slots *c*, segmental rack D, pull-rod F, and hand-crank G, all substantially as set forth.

In testimony whereof I have signed my 55 name to this specification in the presence of two subscribing witnesses.

SIMEON LANGFORD.

Witnesses:

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