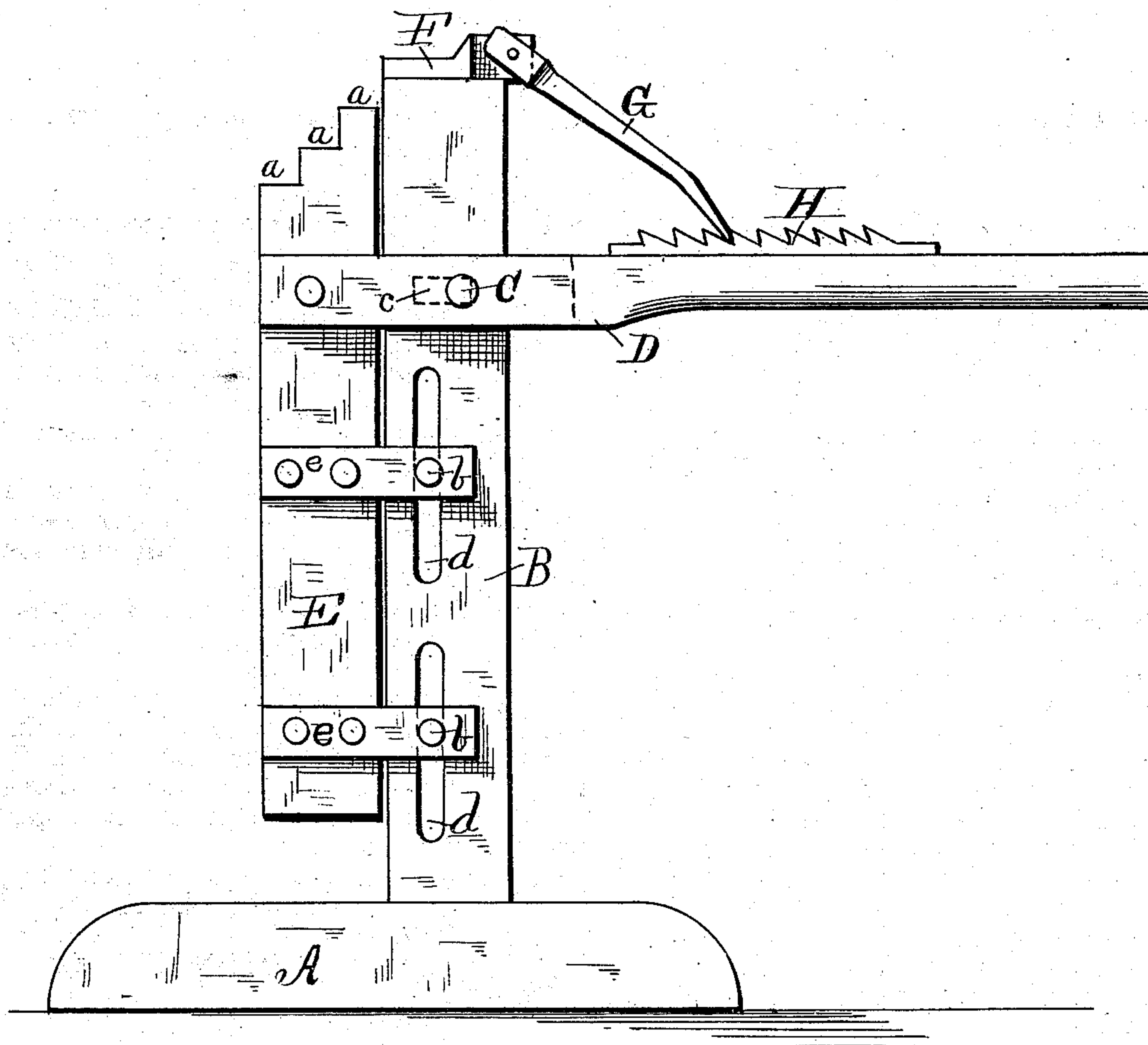


(No Model.)

H. WEIS.
LIFTING JACK.

No. 271,959.

Patented Feb. 6, 1883.



WITNESSES
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UNITED STATES PATENT OFFICE.

HERMAN WEIS, OF TONICA, ILLINOIS.

LIFTING-JACK.

SPECIFICATION forming part of Letters Patent No. 271,959, dated February 6, 1883.

Application filed December 16, 1882. (No model.)

To all whom it may concern:

Be it known that I, HERMAN WEIS, a citizen of the United States of America, residing at Tonica, in the county of La Salle and State of Illinois, have invented certain new and useful Improvements in Lifting-Jacks, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention has relation to lifting-jacks, and its object is to provide a simple, cheap, and effective form of jack for universal use; and the novelty consists in the construction of the same, as will be hereinafter more fully described, and particularly pointed out in the claim.

The figure in the drawing is a vertical elevation of my improved lifting-jack.

A is the base or bed piece, to which is secured rigidly the standard B. This standard B is provided with a bolt, C, which forms the fulcrum of the lever D, and which has an end motion in the slot *c* in the standard. The shorter end of the lever D is secured to the sliding bar E in such a manner that when the handle of the lever is depressed the bar E will be elevated, and vice versa. The bar E is provided with straps *e e*, which extend rearward on each side of the standard, and the ends of each pair of straps are connected by a bolt, *b b*, which

passes through the slots *d d*, so as to form guides for the vertical motion of the lifting-bar E. The upper end of the bar E is provided with steps *a*, by means of which it may be adjusted to different heights. The upper end of the standard B is provided with a plate, F, from which is hinged a depending pawl, G, the lower end of which engages with the teeth of the rack H, secured to the lever D.

It will readily be seen that as the lever is depressed the pawl will ride over the teeth, and engaging in one of them will hold the weight at any desired point.

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

The base A, standard B, having plate F, pawl G, and slots *c d*, in combination with the lever D, having rack H and fulcrum-bolt C, and the sliding lifting-bar E, having straps *e e* and bolts *b b*, constructed and arranged substantially as set forth.

In testimony whereof I affix my signature, in presence of two witnesses, this 9th day of December, 1882.

HERMAN WEIS.

Witnesses:

JOSEPH WEIS,
CHARLES WEIS.