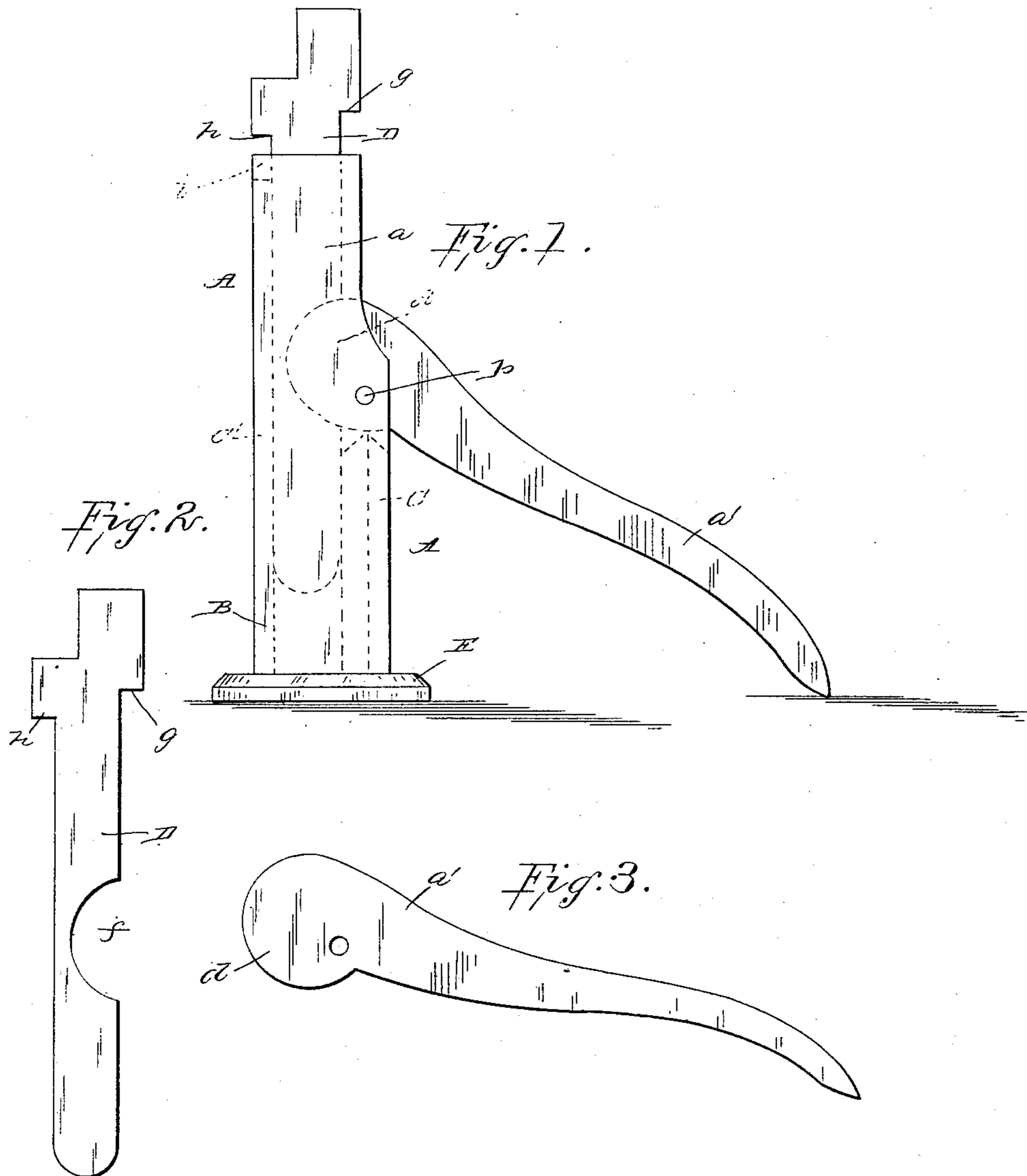


(No Model.)

J. BAKER.
LIFTING JACK.

No. 348,817.

Patented Sept. 7, 1886.



Witnesses:

Howard J. Schneider.
John M. Gill.

Inventor.

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Attorneys:

UNITED STATES PATENT OFFICE

JOHN BAKER, OF SWEET VALLEY, PA., ASSIGNOR OF TWO-THIRDS TO
GRANT G. BAKER AND THOMAS A. LONG, BOTH OF SAME PLACE.

LIFTING-JACK.

SPECIFICATION forming part of Letters Patent No. 348,817, dated September 7, 1886.

Application filed April 6, 1886. Serial No. 197,991. (No model.)

To all whom it may concern:

Be it known that I, JOHN BAKER, a citizen of the United States of America, residing at Sweet Valley, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Lifting-Jacks, of which the following is a specification, reference being had therein to the accompanying drawings.

My improvement in wagon-jacks consists in the peculiar construction, combination, and arrangement of the parts, substantially as hereinafter more fully shown and described.

In the accompanying drawings, Figure 1 is a side elevation of my improvement in wagon-jacks, and Figs. 2 and 3 are detail views thereof.

In the embodiment of my invention I construct the frame A of corresponding standards, B, between which are interposed narrow strips C and C', the frame thus constructed being reduced in width at *a*, forming a slide-guide for slide D and being rigidly secured to pedestal E. Frame A has also pivoted therein lever *a'*, fulcrumed on pin or bolt *b*, which is projected through coincident orifices formed in said lever and frame. The inner end of the lever *a* has formed integral therewith cam *d*, adapted, as to contour and size, to the curved recess *f*, provided in slide D. Slide D slides vertically and freely in frame A when actuated, as its recess *f* in all respects corresponds with the cam of lever *a'*, therein inserted, as aforesaid, and it is provided with shoulders *g* and *h*, the former having its bearing normally, or until lifted by the lever, on the lever side of the guide-frame, and the latter on strip C', opposite thereto in guide-recess *i*, the length

of lateral strip C' being abbreviated to form said guide-recess, as shown. Thus constructed my wagon-jack is very efficient in operation, although it comprises the most simple mechanism, which greatly cheapens the cost of production.

I am aware that it is not new to provide a lifting-jack with a curved lever having an eccentric, a frame, and a lifting-bar provided with a lug; but my invention is designed as an improvement over such a device, and to this end I provide a slide with a curved recess, and extend said slide within its guide-frame nearly the entire length thereof, thereby equally distributing any weight on one side of the upper end of said slide against the entire side of the narrow strip C, preventing the accidental turning over of the lifting-jack, as would occur in the employment of a lifting-bar extending only a short distance within the guide-frame.

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

The combination, with the frame having the narrow strips, one shorter than the other, of the slide provided with shoulders for resting on said strips, and the lever *a'*, said slide extending downwardly in said frame nearly the entire depth thereof, and being operated by the lever entering a recess therein, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN BAKER.

Witnesses:

T. A. LONG,
B. M. ESPY.