

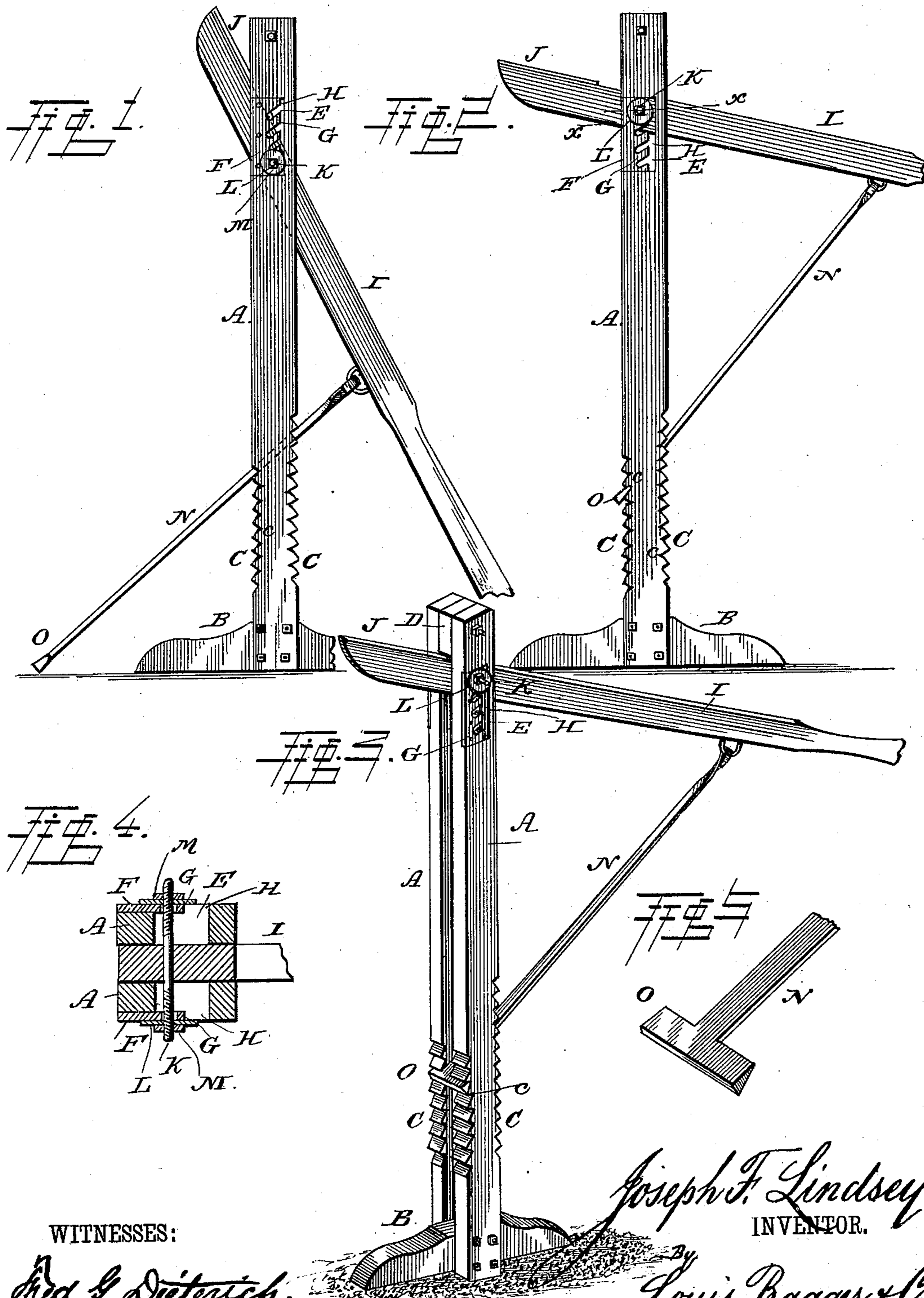
(No Model.)

J. F. LINDSEY.

WAGON JACK.

No. 296,979.

Patented Apr. 15, 1884.



WITNESSES:

Ad. S. Dieterich.
Arthur L. Morell.

Joseph F. Lindsey
INVENTOR.

By *Louis Bagger & Co.*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOSEPH F. LINDSEY, OF MARION, OHIO.

WAGON-JACK.

SPECIFICATION forming part of Letters Patent No. 296,979, dated April 15, 1884.

Application filed February 18, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH F. LINDSEY, a citizen of the United States, and a resident of Marion, in the county of Marion and State of Ohio, have invented certain new and useful Improvements in Wagon-Jacks; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side view of my improved wagon-jack as it appears when not in use. Fig. 2 is a similar view of the machine, showing it in its operative position. Fig. 3 is a perspective view. Fig. 4 is a cross-section through line *xx* in Fig. 2, and Fig. 5 is a detail view of the cross-head at the lower end of the metallic stay or brace.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to wagon-jacks; and it consists in the detailed construction and combination of parts of the jack which will be hereinafter more fully described and claimed.

In the accompanying drawings, A A denote the parallel standards or uprights, which are bolted to opposite sides of the bottom sill, B. The lower part of the standards A are notched on both sides, as shown at C, and their upper end is connected by a bolt inserted through the block D. A short distance under this block the standards are cut away to form openings E, which are recessed or countersunk on the outside to receive metallic plates F, the inner edge of said plates being cut into to form notches or bearings G. The notched plates F are of such a width as to leave a narrow slot or way, H, between their inner notched edges and the corresponding side of the opening E in the standard in which the plate is inserted.

I is the lever, which has a metallic shoe or bearing-plate, J, upon its short arm, and a bolt, K, having circular washers L and nuts M. This bolt is of such a size as to enable it to play readily up and down in the narrow slot H, from which it may be pushed into any

one of the inclined notches or bearings G. To the under side of the long arm of the lever is fastened a rod, N, the free end of which terminates in a cross-head, O, which is wedge-shaped in cross-section, as will appear more clearly by reference to Fig. 5 of the drawings.

From the foregoing description, taken in connection with the drawings, the operation of my improved wagon-jack will readily be understood. The notches C in the side standards, A, being made with the continuations *c*, will hold the wedge-shaped cross-head O firmly in its position when it is wedged into its appropriate slot by the weight placed upon the short end of the lever, so that in shifting the jack from one side of the axle to the other, or from one axle to the other, the brace-rod N will not become disengaged from the standards, but will maintain the lever in its proper position, unless the cross-head is purposely released by depressing the long arm or handle end of the lever.

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

1. The combination, in a wagon-jack, of the parallel notched standards having side openings, E, notched plates F, inserted into said openings, so as to leave a narrow slot, H, opening into the notched bearings G, lever I, having fulcrum-bolt K, adapted to slide up and down in the slot H and to engage the bearings G, and brace-rod N, having cross-head O at its free end, substantially as and for the purpose shown and set forth.

2. The combination, in a wagon-jack, of the parallel standards A A, having wedge-shaped notches C *c* and notched bearing-plates F, lever I, having fulcrum-bolt K, and rod N, having the wedge-shaped cross-head O at its free end, adapted to be wedged into the notches C *c* and held in place therein, substantially as and for the purpose shown and set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

JOSEPH F. LINDSEY.

Witnesses:

J. E. DAVIDS,
JENNIE M. DAVIDS.