

J. REYNOLDS & J. POTTER.
Lifting-Jacks.

No. 154,085.

Patented Aug. 11, 1874.

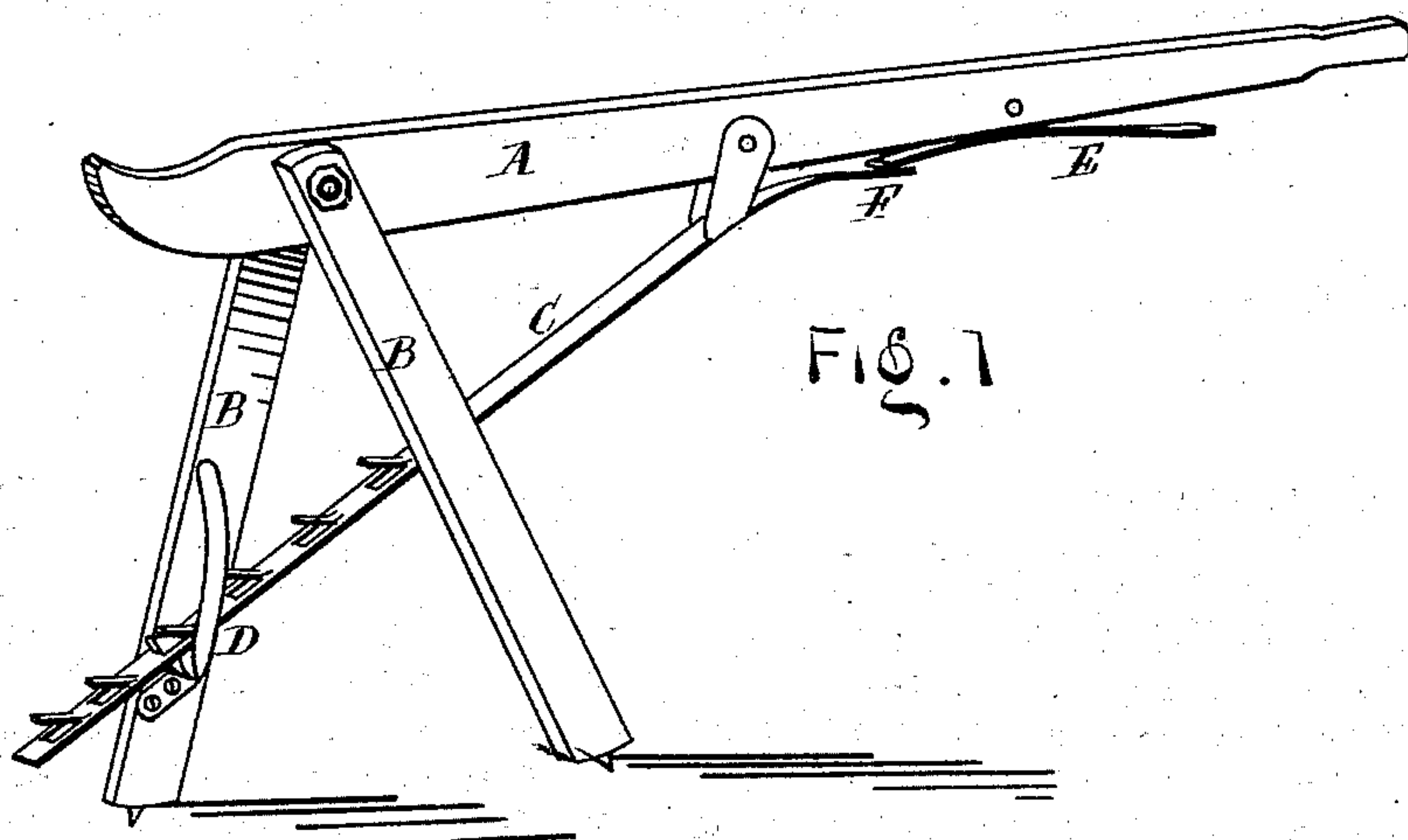


FIG. 1

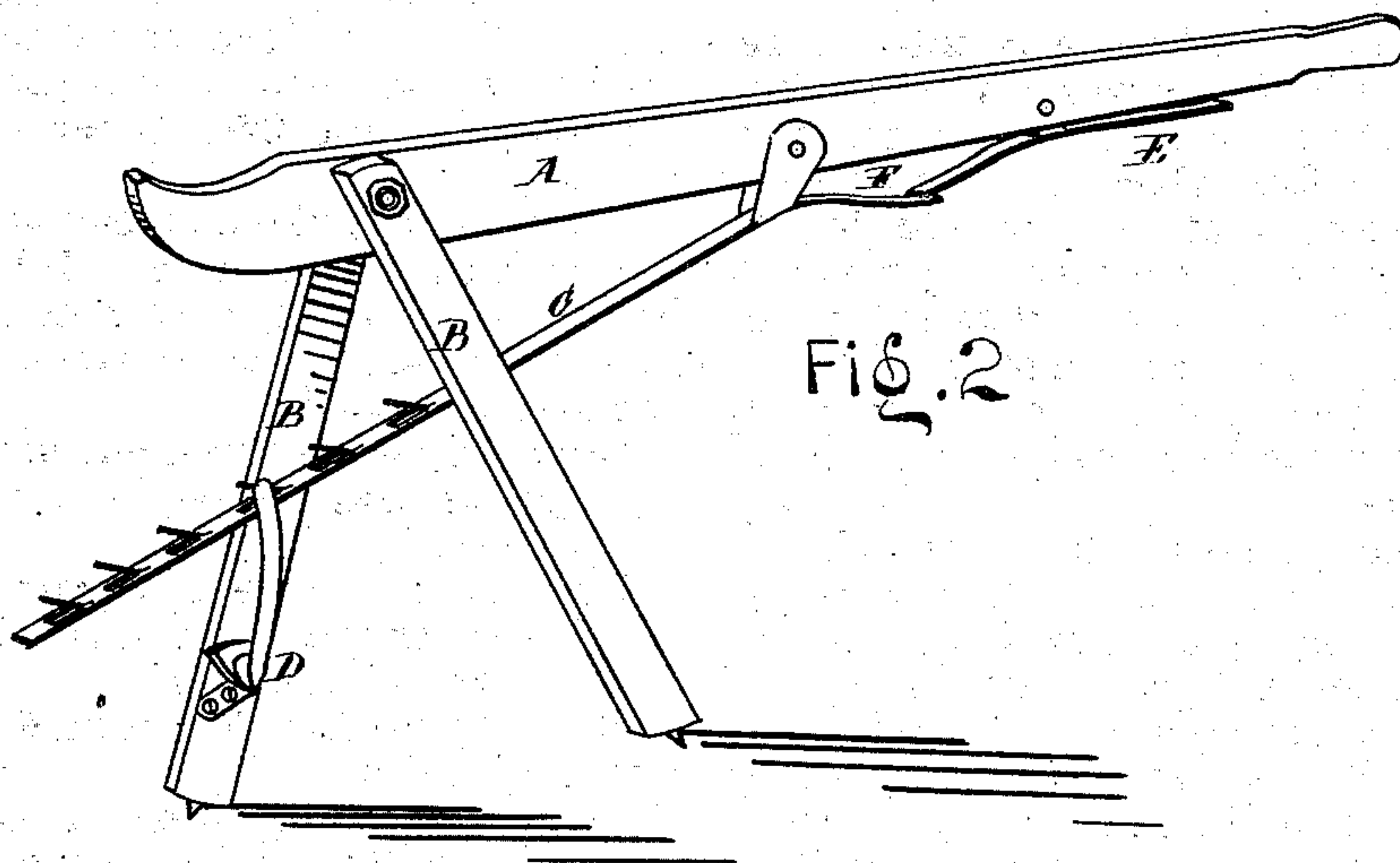


FIG. 2

—Witnesses—

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UNITED STATES PATENT OFFICE.

JOHN REYNOLDS AND JAMES POTTER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN LIFTING-JACKS.

Specification forming part of Letters Patent No. **154,085**, dated August 11, 1874; application filed May 9, 1874.

To all whom it may concern:

Be it known that we, JOHN REYNOLDS and JAMES POTTER, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Lifting-Jacks; and we do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which our invention appertains to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figures 1 and 2 are side views of our invention.

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

The object of our invention is to provide an improved lifting-jack which can be easily and cheaply constructed, of ready adaptability to any required position, and especially firm and durable when in use; and to that end it consists in a lever, which may be of the ordinary construction, to which is pivoted, at the point, two legs, which can be spread more or less to bring the lever to the proper height, and a slotted bar, also pivoted to the lever, to be operated in connection with a latch or catch upon one of the legs and a small lever, in the manner to be hereinafter fully described.

In the accompanying drawing, A represents the lever and B B the legs, which are provided in their lower ends with spurs to hold them in position when the proper spread has been obtained to give the required height to the lever. C is a metallic bar provided with a series of slots, which are caught by a spur or latch fastened to one of the legs, as shown at D, and holds the lever in position until the bar is thrown up by a pressure upon the small lever

E, which comes in contact with the upper end of the bar, as shown at F.

In using our invention, it is placed in position with the end of the lever under the article to be raised, and the legs adjusted so as to give the required height, and the handle of the lever lowered until the article is raised to the required height, when, one of the slots in the bar C being caught by the spur at D, it is firmly held in that position until released.

When it is desired to lower the raised article, lever E is slightly pressed, which, bearing upon the upper end of the bar at F, raises it from off the spur at D, thereby allowing the handle of the lever to be raised and the article lowered, when the jack can be removed, the position of the different parts being shown in Fig. 2.

We are aware of the invention described in Letters Patent granted to J. T. Hamilton and E. F. Conner, dated November 23, 1873, and numbered 144,977, and do hereby disclaim the same.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

Lever A and legs B B, in combination with bar C, spur or catch D, and small lever E, the whole manufactured and operated substantially in the manner described, for the purpose herein specified.

The above specification of our invention signed by us this 1st day of April, 1874.

JOHN REYNOLDS.
JAMES POTTER.

Witnesses:

H. L. ENSIGN,
J. B. MCCLURE.