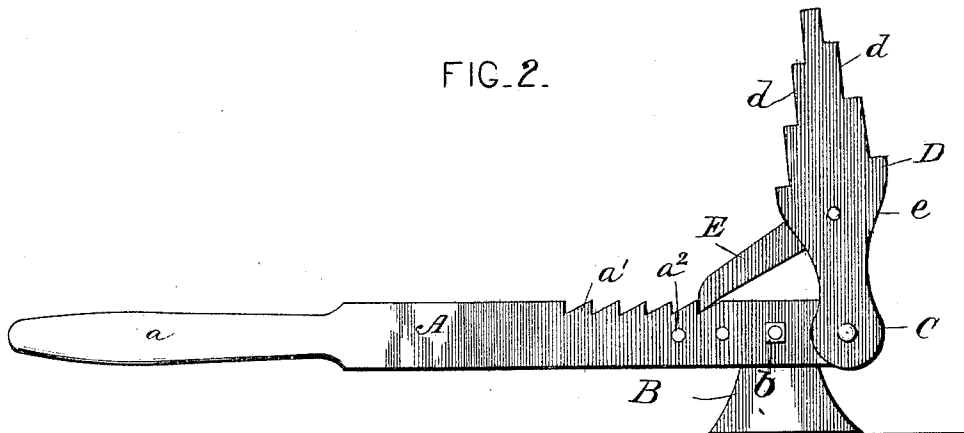
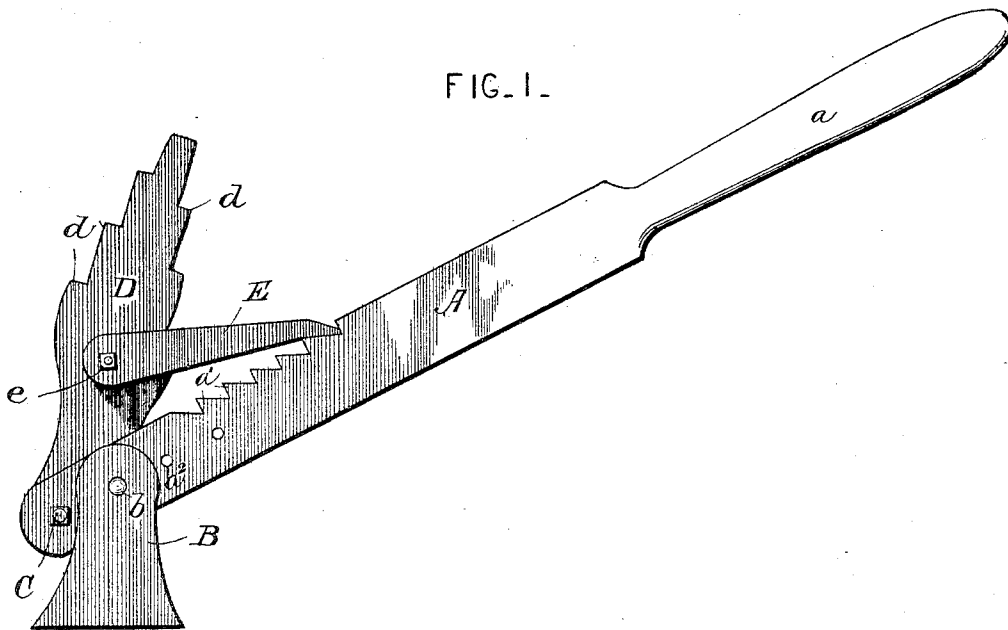


(No Model.)

A. P. ROUTT.
LIFTING JACK.

No. 460,760.

Patented Oct. 6, 1891.



Witnesses

Julius Ulke Jr.

L. P. Holthausen

By his Attorneys,

Inventor
Ansell P. Routt.

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

ANSELL P. ROUTT, OF RICHMOND, VIRGINIA, ASSIGNOR OF ONE-HALF TO
J. H. BROWN, OF SAME PLACE.

LIFTING-JACK.

SPECIFICATION forming part of Letters Patent No. 460,760, dated October 6, 1891.

Application filed July 28, 1891. Serial No. 400,934. (No model.)

To all whom it may concern:

Be it known that I, ANSELL P. ROUTT, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented a new and useful Lifting-Jack, of which the following is a specification.

My invention relates to lever lifting-jacks, and has for its object to provide a device of this character which will be simple in construction, cheap, and durable, and at the same time to provide a jack which will allow for a variety of adjustments and in which a powerful leverage is obtained with but a small expenditure of power; and with these objects in view the invention consists in an operating-lever pivotally mounted upon an adjustable fulcrum-block and provided with special details of construction, hereinafter more fully described, illustrated in the accompanying drawings, and specifically pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a side elevation of a lifting-jack constructed in accordance with my invention, the operating-lever being in its uppermost position. Fig. 2 is a similar view of the same, showing the lever in its lowermost position.

Referring to the accompanying drawings, A represents the main operating-lever, constructed of suitable material and terminating at its outer end in a handle portion *a*, by means of which the lever may be easily grasped and operated. The said lever is provided, along its upper edge with a series of notches *a'* and near its outer end with a series of perforations *a''*. A fulcrum-block B, constructed of any desirable material and in any desired shape to form a rest adapted to be seated upon the ground, is adjustably secured to the said operating-lever by means of the pivot-bolt *b*, engaging any one of the series of perforations *a''* in the outer end of said lever, by means of which adjustment any amount of leverage may be obtained, as desired. Pivotally secured to the extreme outer end of the operating-lever A, upon the pivot-bolt C, is the supporting post or block D which is provided on opposite edges with a series of alternately-arranged engaging-shoulders *d*, that are adapted to engage the object to be hoisted, by means of which a variety of adjustments

may be readily obtained. A regulating-pawl E is pivoted upon the bolt *e* to one side of said supporting post or block D and is adapted to engage any one of the series of notches *a'*, located on the upper edge of said operating-lever to obtain, as desired, the height at which the object may be required to be raised.

The construction and operation of my improved lifting-jack are now thought to be apparent. After the shoulders of the supporting post or block have engaged the object to be raised by slightly bearing upon the lever the said post or block is inclined slightly back, which throws the weight over the point of fulcrum, and thus holds the object stationary in its elevated position. Various heights may be obtained by throwing the operating-lever down, in order that the regulating-pawl may engage any one of the series of notches, as described, while at the same time various heights of objects are accommodated by the alternate series of engaging-shoulders on opposite sides of said supporting post or block, which may be utilized on either side, as may be desired and as can be readily seen.

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

1. In a lifting-jack, an operating-lever provided with a series of notches, a fulcrum-block pivotally secured to said lever, a pivoted supporting-post secured to the end of said lever, and a regulating-pawl pivoted to said post and adapted to engage the notches of said lever, substantially as set forth.

2. In a lifting-jack, an adjustable fulcrum-block, a lever provided with a series of perforations and notches, a supporting-post pivoted to the operating-lever beyond the point of fulcrum and provided with the opposite alternately-arranged series of engaging-shoulders, and a regulating-pawl pivoted to said post and adapted to engage the notches of said lever, substantially as set forth.

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

ANSELL P. ROUTT.

Witnesses:

E. G. SIGGERS,
J. H. SIGGERS.