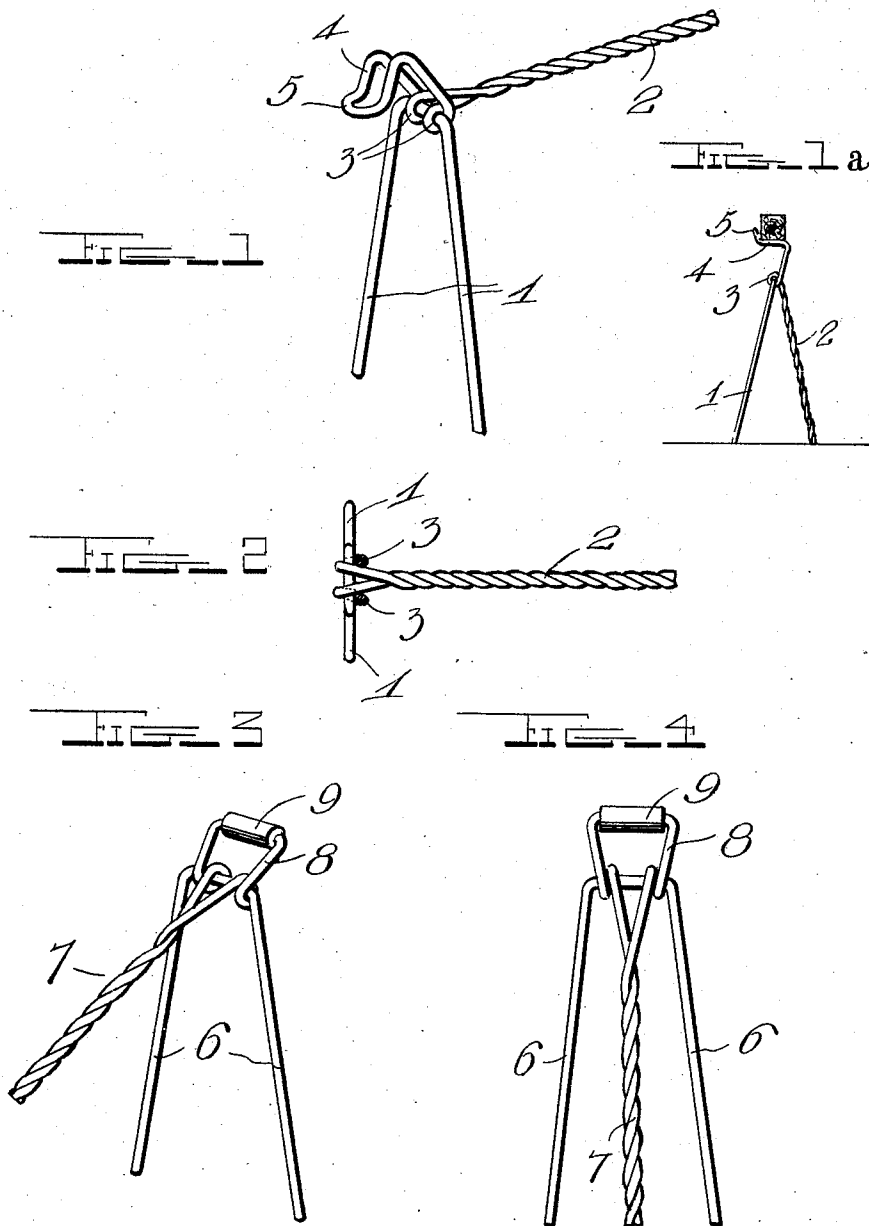


J. W. GADDIS.
LIFTING JACK.
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974,049.

Patented Oct. 25, 1910.



Witnesses

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JOHN W. GADDIS, OF PRINCETON, INDIANA.

LIFTING-JACK.

974,049.

Specification of Letters Patent.

Patented Oct. 25, 1910.

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To all whom it may concern:

Be it known that I, JOHN W. GADDIS, a citizen of the United States, residing at the city of Princeton, in the county of Gibson and State of Indiana, have invented certain new and useful Improvements in Lifting-Jacks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improved lifting jack.

The object of the invention is to provide a simply constructed, strong, and efficient device of this character.

With this and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings:—Figure 1 represents a perspective view of one form of this lifting jack in the position assumed during the lifting operation; Fig. 1^a is a side elevation thereof showing the device applied; Fig. 2 represents a transverse section thereof; Fig. 3 is a perspective view of another form of the invention; and Fig. 4 is an end elevation thereof.

In the embodiment of the invention illustrated in Figs. 1 and 2, a supporting member is shown, preferably in the form of a bail or inverted U-shaped member 1, which is preferably constructed of a metal rod bent into the desired shape. A lifting member or lever 2, is pivotally mounted on the cross bar of the member 1 and is preferably constructed of a heavy metal rod or bar bent intermediately of its ends with the side members thereof provided with eyes, as 3, for pivotal connection with said cross bar of the member 1, the ends of the side members of the member 2 being preferably intertwined to form a strong operating lever. The loop-shaped or bent portion of the member 2 is preferably bent to form an axle engaging member 4 having a laterally extending point 5 for insertion under the article to be lifted.

In the operation of this improved lifting jack, the legs of the member 1 are engaged

with the ground or other supporting surface and the twisted handle portion of the lever is raised to lower the point 5 in position to be inserted under the article to be lifted, such for instance, as a wagon axle. The downward movement of said handle causes the point 5 to be forced upwardly under the article engaged and causes it to drop into the bent receiving portion 4, and a further downward movement of said handle will elevate the article engaging member to any desired height.

In the form shown in Figs. 3 and 4, the supporting member is also preferably made in the form of a bail or inverted U-shaped member 6, and the operating lever 7 is pivotally connected with the cross bar thereof, being preferably constructed of a heavy metal rod or bar bent to form a loop-like article engaging member 8, which is preferably provided with a rubber covering 9 adapted to prevent injury to the article being lifted. The side members of this member 8 are bent to form eyes for pivotal engagement with the cross bar of the member 6 and the ends thereof are connected together preferably by twisting, as shown in Fig. 3, whereby a strong lifting lever is produced.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention as defined in the appended claims.

What I claim as my invention is:—

1. A lifting jack comprising a substantially inverted U-shaped supporting member, a lifting lever fulcrumed to the cross bar of said supporting member composed of a heavy metal rod bent intermediately of its ends to form an article engaging member, and an operating handle having eyes for pivotal engagement with said cross bar.

2. A lifting jack comprising an inverted U-shaped member, a lifting lever composed of a rod bent intermediately of its ends and

having the terminals thereof intertwined to
form a handle with eyes formed intermedi-
ately of the ends of said lever and pivotally
engaged with the cross bar of said support-
5 ing member, and an article engaging mem-
ber formed at the bent end of said lever.

In testimony whereof I have hereunto

set my hand in presence of two subscribing
witnesses.

JOHN W. GADDIS.

Witnesses:

W. J. WALSH,
J. W. LEWIS.