

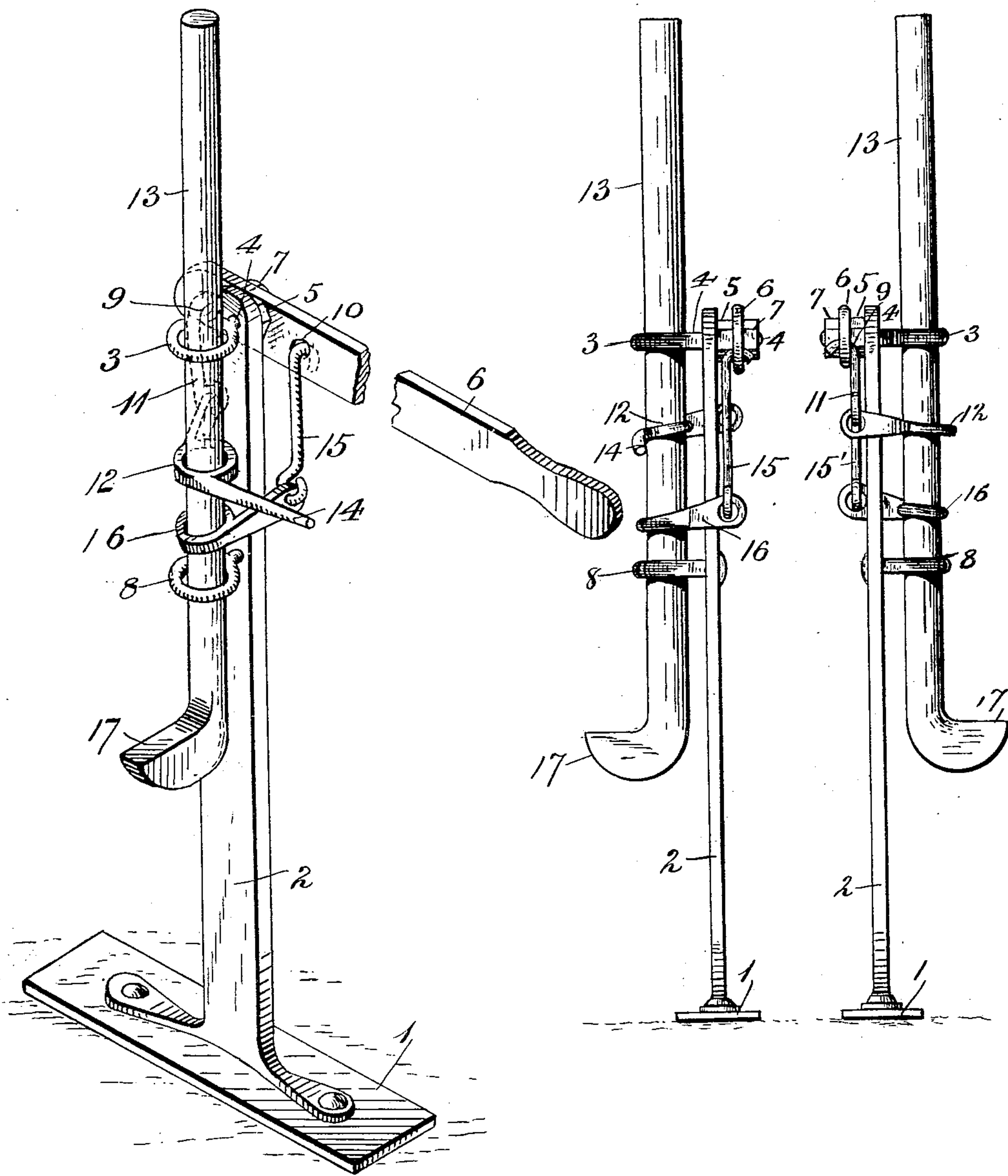
No. 733,414.

PATENTED JULY 14, 1903.

R. B. MURPHY.
LIFTING JACK.

APPLICATION FILED APR. 14, 1903.

NO MODEL.



Id - 1

15-2-

Fig-3-

Witnesses
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UNITED STATES PATENT OFFICE.

ROY B. MURPHY, OF HOT SPRINGS, ARKANSAS.

LIFTING-JACK.

SPECIFICATION forming part of Letters Patent No. 733,414, dated July 14, 1903.

Application filed April 14, 1903. Serial No. 152,538. (No model.)

To all whom it may concern:

Be it known that I, ROY B. MURPHY, a citizen of the United States, residing at Hot Springs, in the county of Garland and State of Arkansas, 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention is a lifting-jack; and it consists of a base, an upright shaft rising from said base, a lever pivoted to the upper end of said upright shaft, bites pivoted to said lever, and a lifting-rod adapted to be moved up and down by said bites and lever.

In the accompanying drawings, Figure 1 is a perspective view of my invention. Fig. 2 is a front face view. Fig. 3 is a rear face view of the same.

My invention is described as follows: 1 represents the base; 2, the upright shaft secured thereto; 3, an upper eyebolt secured in the upper end of said shaft, the bolt 4 extending some distance to the rear of the shaft; 5, a nut working on said bolt and against the rear face of said shaft; 6, a lever pivoted on said bolt 4; 7, the nut securing said lever on the bolt 4; 8, a lower eye secured to said shaft. The lever 6 is provided with two perforations, one, 9, in rear of the bolt 4 and the other, 10, in front thereof. In the rear perforation 9 of the lever is secured a link 11, and to the lower end of the link 11 is secured a bite 12, which surrounds a lifting-rod 13. Said bite is provided with a handle or arm 14. In the front perforation 10 is secured the upper end of

another link 15, and to the lower end of said link is secured another bite 16.

The lifting-rod 13 is provided with a foot 17. To raise the lifting-rod, I pull down on the lever, and the first operation is to bring the upper bite 12 against the surface of the rod and raise it, and when I raise the lever to take another hold the bite 16 takes hold and continues the movement of the lifting-rod upwardly. The bites 12 and 16 operate alternately. When the foot 17 is raised as high as I want it, the lever is allowed to come to a rest and then to let the lifting-rod down, raise the lever 6 sufficient to loose bite 12, then raise handle 14, then lower lever 6 until bite 16 rests on eyebolt 8, which releases bite and frees the lifting-rod 13, and it drops.

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

An upright shaft, secured to a base; an eyebolt secured in said shaft; another eyebolt secured to said shaft, some distance below the eyebolt just mentioned; a lever pivoted to the bolt of said first-mentioned eyebolt; a lifting-rod passing up through the eyes of said eyebolts; a link pivoted to the short end of said lever; a bite provided with arms, and secured to the said link, the eye of said bite surrounding the lifting-rod; a link pivoted to the long end of said lever; a bite secured to the lower end of said link, its eye surrounding said lifting-rod, substantially as shown and described and for the purposes set forth.

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

ROY B. MURPHY.

Witnesses:

ALPHONZO CURL,
JAMES R. C. TATE.