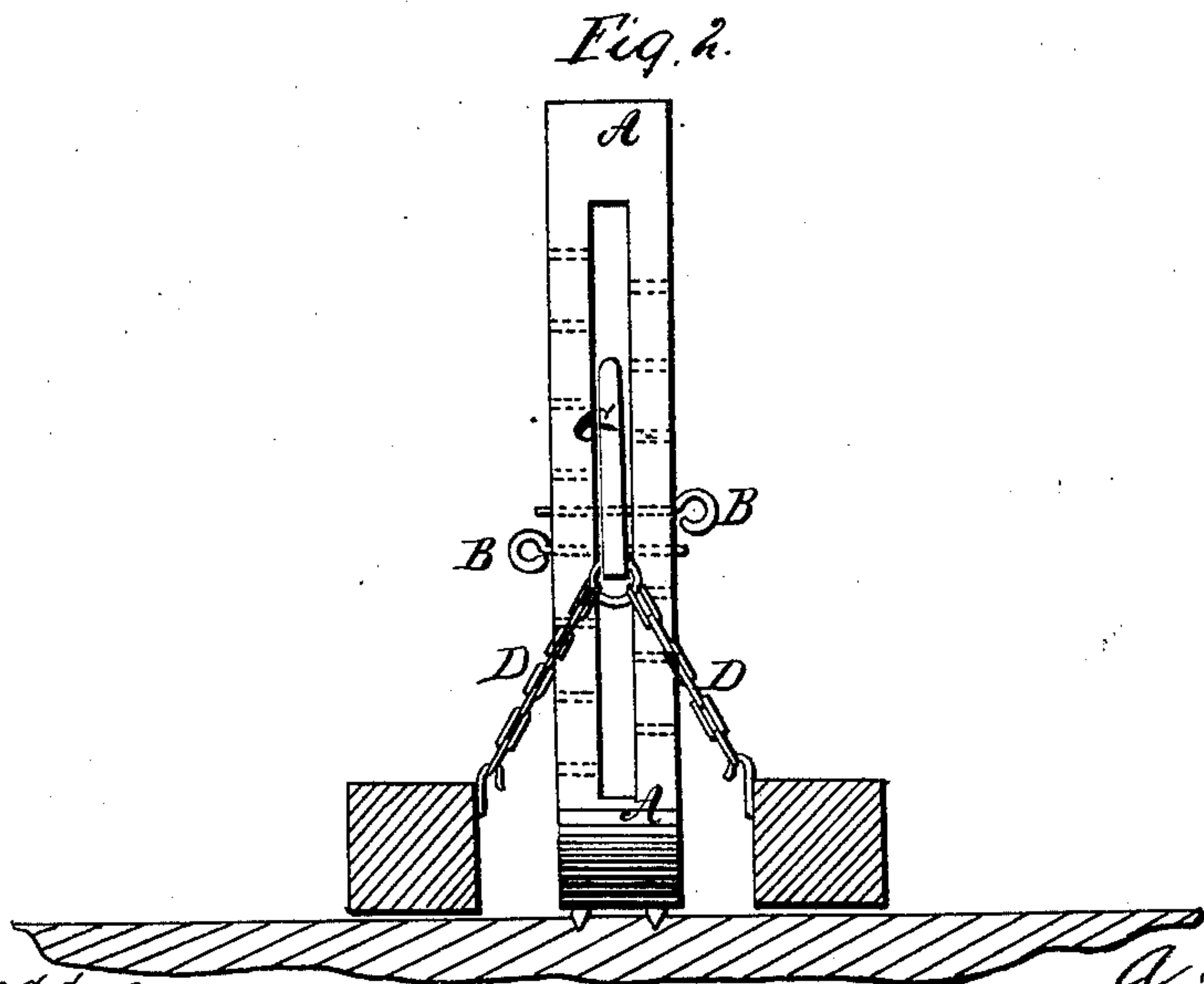
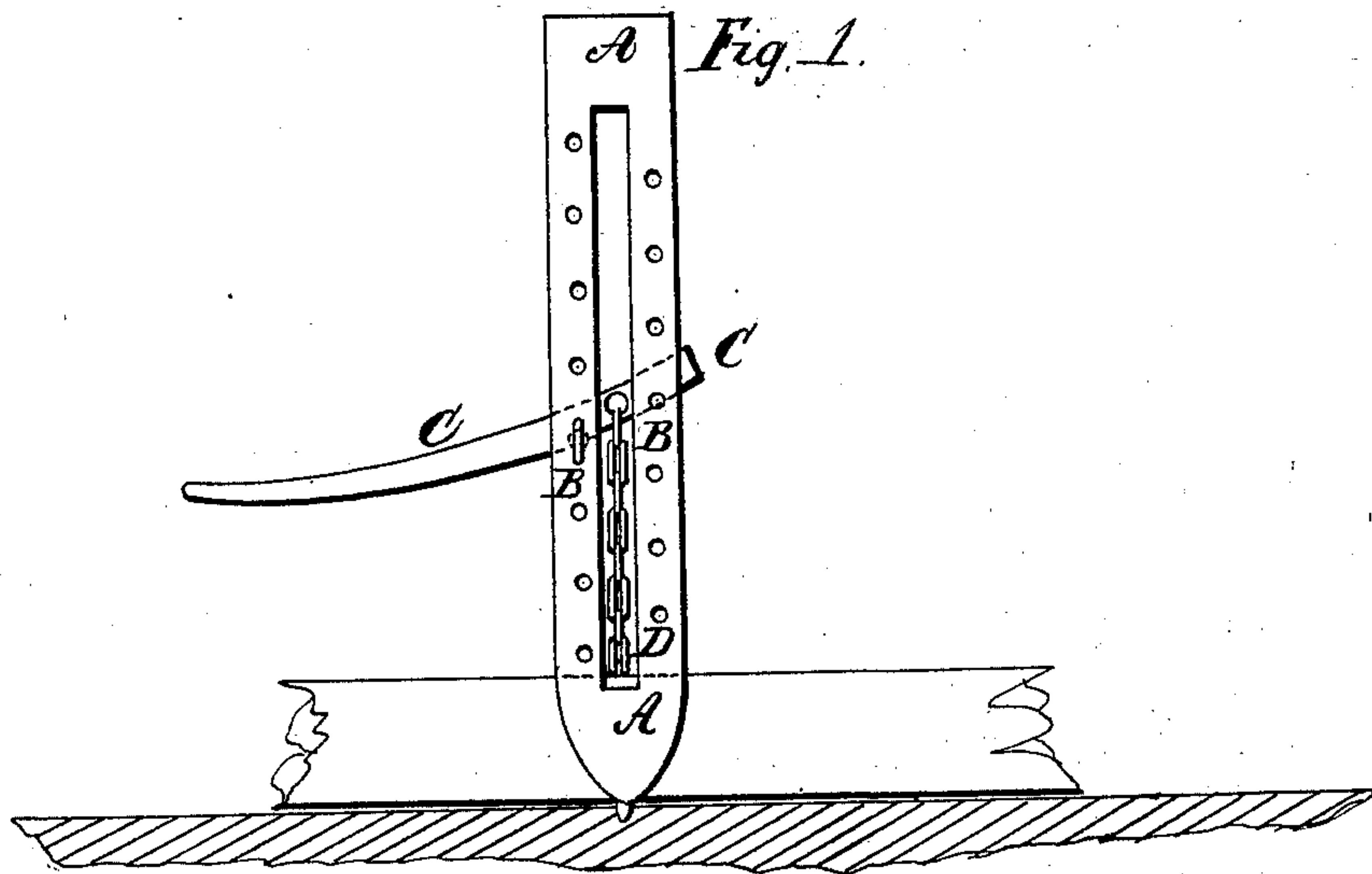


*A. Kriebel,
Lifting Jack.*

N^o 82,128.

Patented Sep. 15, 1868.



*Witnesses,
H. A. Morgan
G. C. Cotton*

*Inventor,
A. Kriebel
per M. W. L.
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United States Patent Office

ANDREW KRIEBEL, OF HEREFORD, PENNSYLVANIA.

Letters Patent No. 82,128, dated September 15, 1868.

IMPROVEMENT IN LIFTING-MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ANDREW KRIEBEL, of Hereford, in the county of Berks, and State of Pennsylvania, have invented a new and useful Improvement in Lifting-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my improved machine.

Figure 2 is a front view of the same.

Similar letters of reference indicate like parts.

My invention has for its object to furnish a simple, cheap, and convenient machine, designed especially to enable the end of an endless-chain horse-power to be easily and conveniently raised by one man, to receive the trestle, so as to give a proper inclination to the endless chain of the machine.

It consists in the construction, combination, and arrangement of the various parts, as hereinafter more fully described.

A is a post, which should be made of a length corresponding to the height to which the sills of the horse-power are to be raised.

The post A is slotted longitudinally, from near its upper to near its lower end, as shown in figs. 1 and 2, with two slots through the centres of its sides, said slots intersecting each other at right angles in the centre of the said post A. The lower end of the post A may be rounded off, as shown in fig. 1, so as to be somewhat wedge-shaped, and may be further secured from slipping by being provided with downwardly-projecting spikes or prongs, as shown in figs. 1 and 2. If desired, the post may be made of four small square sticks of timber, properly secured to each other at the ends, and at suitable distances apart.

The post A, upon one side, is perforated with two rows of holes, one row being upon each side of the slot, and the holes of the two rows alternating with each other in height, as shown in fig. 1, and in dotted lines in fig. 2.

B are pins, placed in the holes in the post A, to serve as fulcra to the lever C.

The lever C is made of such a size as to pass through and work in the slot in the post A, at right angles to the direction of the pins B, and of such a strength as to raise the frame of the horse-power.

The forward part of the lever C has two notches formed upon its under side, at such a distance apart as to fit upon the pins B, which pass through the said post A, as shown in fig. 1.

To the lower side of the forward end of the lever C, midway between the notches in said lever, is pivoted a hook, upon which is hooked the central link of the chain D, the ends of which pass out through the slot in the post A, which is at right angles to the slot in which the lever C works, as shown in the drawings, and hook upon hooks attached to the sills of the horse-power to be raised, as shown in red in fig. 2. When thus arranged, by working the long arm or handle of the lever C alternately up and down, and raising the pins B alternately as the ends of said lever are alternately raised, the horse-power may be conveniently and quickly raised by one man to receive the trestle, and securely held until said trestle has been adjusted in place.

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

The combination of the slotted perforated post A, two pins B, lever C, and chain D, with each other, said parts being constructed, arranged, and operating substantially as herein shown and described, and for the purpose set forth.

ANDREW KRIEBEL.

Witnesses:

SAMUEL D. HEIL,

HENRY ESCHBACH.