

(No Model.)

C. D. CLARKE.
LUMBER JACK.

No. 517,211

Patented Mar. 27, 1894.

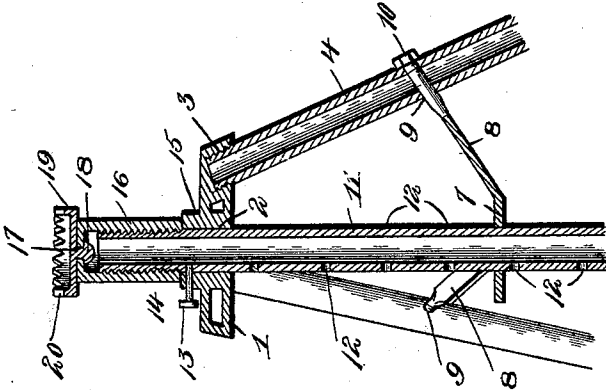


Fig. 2.

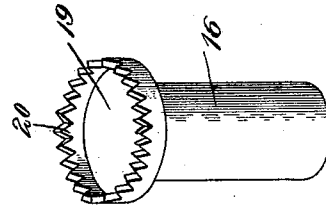


Fig. 3.

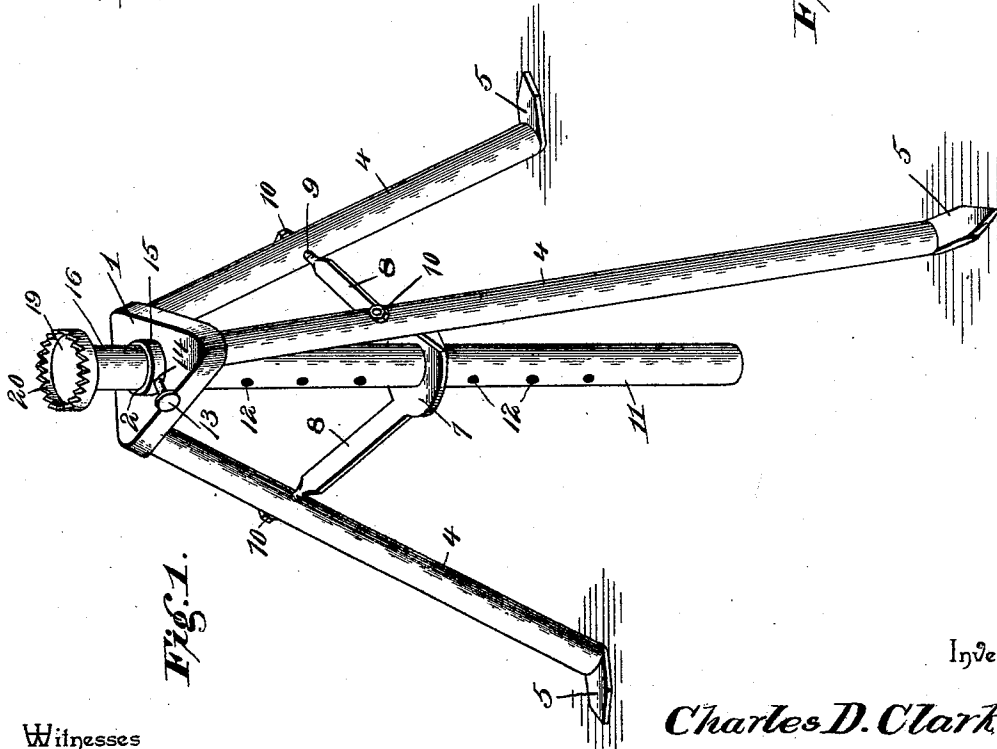


Fig. 1.

Witnesses

John C. Shaw
W. D. Doyle

By his Attorneys,

Charles D. Clarke

Ca Snow & Co

UNITED STATES PATENT OFFICE.

CHARLES DIXON CLARKE, OF MERRILL, WISCONSIN.

LUMBER-JACK.

SPECIFICATION forming part of Letters Patent No. 517,211, dated March 27, 1894.

Application filed July 26, 1893. Serial No. 481,567. (No model.)

To all whom it may concern:

Be it known that I, CHARLES DIXON CLARKE, a citizen of the United States, residing at Merrill, in the county of Lincoln and State of Wisconsin, have invented a new and useful Lumber-Jack, of which the following is a specification.

My invention relates to improvements in jacks for loading lumber into cars, and it has for its object to provide a simple and efficient construction adapted to stand upon a platform or the ground and capable of vertical adjustment to suit the different heights at which the lumber is to be placed and furthermore, to provide a rotary toothed rest adapted to engage the lumber and capable of turning as the latter is swung into position.

Further objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings: Figure 1 is a perspective view of a jack embodying my invention. Fig. 2 is a vertical section of the same. Fig. 3 is a detail view of the rotary rest.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a socket piece, provided with a central guide-opening 2, and a series of inclined threaded sockets 3, spaced around said guide-opening and adapted to receive the upper threaded ends of the supporting legs 4. These legs are provided, at their lower extremities, with feet 5, to prevent the legs from sinking into the ground. Arranged between the legs of the tripod thus formed is a guiding collar 7, provided with radially-disposed brace-rods 8, the outer reduced extremities of which are fitted in perforations 9 in the legs and are secured in place by means of taps 10.

11 represents a vertically adjustable standard, fitted in the registering guide-opening and guide-collar above described, and provided with a series of spaced perforations 12 to receive an adjusting pin 13, to hold the standard at any desired elevation. The pin 13 is fitted in a registering transverse perforation 14, in an upstanding collar 15, which

surrounds the guide-opening 2. A removable cap 16 is threaded upon the upper end of the standard, and is provided in its upper closed end with a central aperture 17, in which is rotatably mounted the spindle or pivot 18, of the rotary rest 19. This rest is provided with a peripheral spurred rim 20, which is adapted to engage the surface of the lumber to prevent accidental displacement as the latter is handled. This rotary rest is adapted to turn with the lumber and independently of the jack to avoid marring the surface of the lumber.

From the above description it will be understood that all of the parts of the jack are adapted to be constructed separately, the same being connected by threaded joints, whereby when any part becomes worn or injured it may be replaced at a small cost without impairing the utility of the other parts or members.

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.

Having described my invention, what I claim is—

1. In a lumber jack, the combination of a tripod support provided with upper and lower vertically aligned guides, a standard slidably fitted in said guides and capable of vertical adjustment, means for locking the standard at different adjustments, and a rotary peripherally spurred rest mounted upon and detachably connected to the upper end of the standard, substantially as specified.

2. In a lumber jack, the combination of a support provided with vertically aligned guides, a standard slidably mounted for vertical adjustment in the guides, means to lock the standard at the desired adjustment, a cap threaded upon the upper end of the standard and a rotary, peripherally-spurred rest mounted upon the upper end of the cap and adjustable therewith, substantially as specified.

3. The combination with a socket piece provided with a guide-opening, of supporting legs detachably connected to the socket-piece, a guiding-collar arranged beneath and in registration with the guide-opening and pro-

vided with radial brace-rods having reduced
extremities fitted in perforations of the sup-
porting legs and engaged by taps, a standard
slidably fitted in said registering guiding-col-
5 lar and guide-opening, means for adjusting
said standard, and a rest revolubly mounted
upon the standard, substantially as specified.

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

CHARLES DIXON CLARKE.

Witnesses:

JAS. WRIGHT,
JOHN VAN HECKE.