

(No Model.)

R. E. TERRY.
LOG CARRIER.

No. 522,360.

Patented July 3, 1894.

Fig. 1.

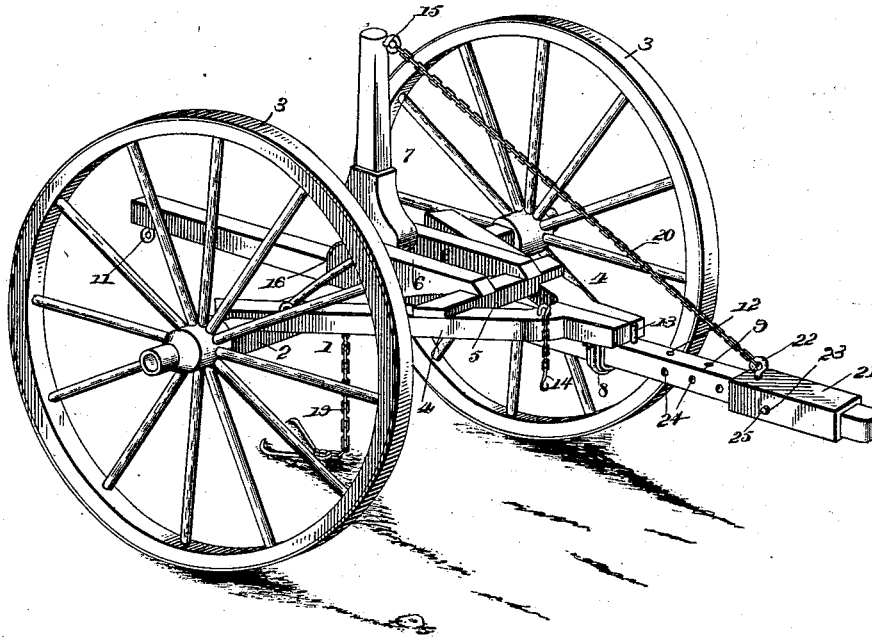
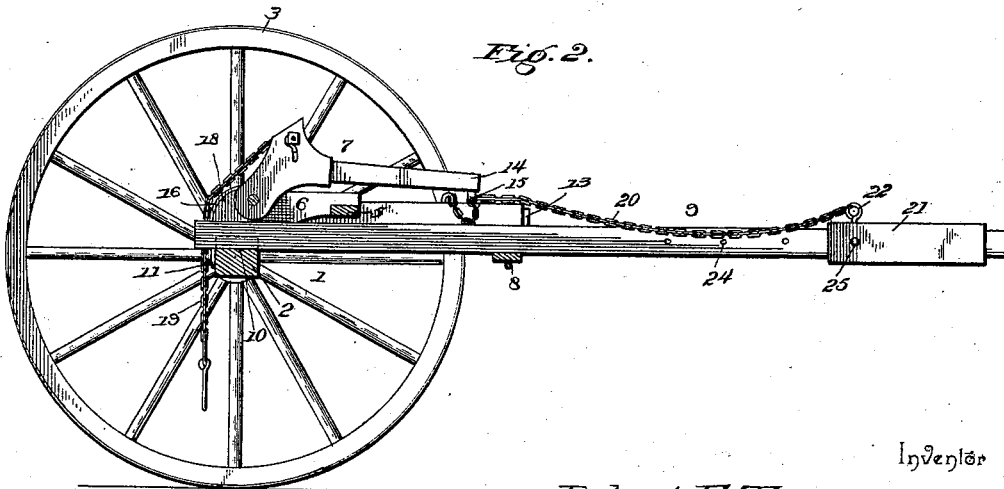


Fig. 2.



Inventor

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Witnesses

W. Johnson.
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UNITED STATES PATENT OFFICE

ROBERT EMETT TERRY, OF MOBILE, ALABAMA.

LOG-CARRIER.

SPECIFICATION forming part of Letters Patent No. 522,360, dated July 3, 1894.

Application filed October 30, 1893. Serial No. 489,562. (No model.)

To all whom it may concern:

Be it known that I, ROBERT EMETT TERRY, a citizen of the United States, residing at Mobile, in the county of Mobile and State of Alabama, have invented a new and useful Log-Carrier, of which the following is a specification.

My invention relates to improvements in log carriers and it has for its object to improve the construction of the log carrier shown in Patent No. 481,314, granted to me August 23, 1892, by simplifying the construction of the adjustable extension tongue and providing a longer bearing for the same; and furthermore, to provide means whereby the device for elevating the log or weight may be released to lower the load without backing the team.

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 claim.

In the drawings: Figure 1 is a perspective view of a log-carrier embodying my invention. Fig. 2 is a longitudinal section, showing the parts as seen after the load has been elevated.

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

1 designates a frame of substantially the same construction as that illustrated in the patent above referred to, which is mounted at the rear end on an axle 2, provided with the carrying-wheels 3.

The frame is composed of convergent hounds 4 which have their front ends secured together, a cross-bar 5 connecting the hounds, and longitudinally-disposed parallel bars 6 secured at their rear ends to the axle and at their front ends to the cross-bar 5, and between which is fulcrumed the lever 7.

Depending from the connected front ends of the hounds is a guide or stirrup 8, and the tongue 9, which is formed in a single piece, is fitted slidably in said guide or stirrup, extends to the rear, and fits in a recess or seat 10, between the parallel bars 6 of the frame. The tongue which is freely movable in the guides thus formed, is provided at its rear end with a depending stop 11, to engage the rear side of the axle and prevent the dis-

placement of the tongue by a forward draft, and is provided with a series of perforations 12, for the reception of a pin 13, adapted to engage the front end of the frame and limit the rearward movement of the tongue.

After the tongue has been moved forward in the operation of elevating the load, it may be locked in position by inserting the pin 13 in a perforation contiguous to the front end of the frame.

When the tongue is considerably shortened it is desirable as a means of holding the lever 7 in the position shown in Fig. 2, to employ a locking-chain 14, which is secured to one of the hounds and is provided with a hook to engage the eye 15, at the free end of the lever. The rear end of the frame is strengthened by a metal plate 16, secured to the rear side of the axle and having parallel extensions 18, which are secured to the parallel bars 6. The usual grappling-chain 19 is connected to the lever 7, and it may be supplemented, as in the device shown in the patent above referred to, by a supporting-chain secured to the axle.

The draft-chain 20 is secured at its rear end to the eye at the free end of the lever 7, and the connection thereof with the tongue is effected by means of a rectangular sliding sleeve 21, which is fitted upon the tongue and is provided with an eye 22. This slide is perforated, as shown at 23, to agree with one of a series of perforations 24 in the tongue for the reception of a locking-pin 25. Under ordinary circumstances the load may be lowered by withdrawing the pin 13, or disengaging the locking-chain 14 from the lever and allowing the tongue to slide to the rear, but under certain circumstances this matter of depositing the load is undesirable, and therefore I have provided the sliding connection of the draft-chain with the tongue, whereby the removal of the locking-chain 25 enables the slide to move to the rear and release the hoisting lever.

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—

In a log carrier, the combination of an axle, a frame mounted thereon, a continuous elon-

gated adjustable tongue slidingly mounted on
said frame, a hoisting lever fulcrumed on the
frame and provided with grappling devices,
a sliding sleeve mounted on the tongue in ad-
5 vance of the frame and provided with means
for securing it at the desired adjustment, lock-
ing devices for securing the tongue in its ad-
justment, a draft chain connecting the free
end of the lever with the sliding sleeve,
10 whereby the sleeve may be released to lower
the load without requiring a rearward move-

ment of the tongue, and a short locking chain
14 secured to the frame for locking the lever
thereto, substantially as described.

In testimony that I claim the foregoing as 15
my own I have hereto affixed my signature in
the presence of two witnesses.

ROBERT EMETT TERRY.

Witnesses:

FRANK S. HORTON,
WINFIELD S. LEWIS.