No. 776,541. PATENTED DEC. 6, 1904.

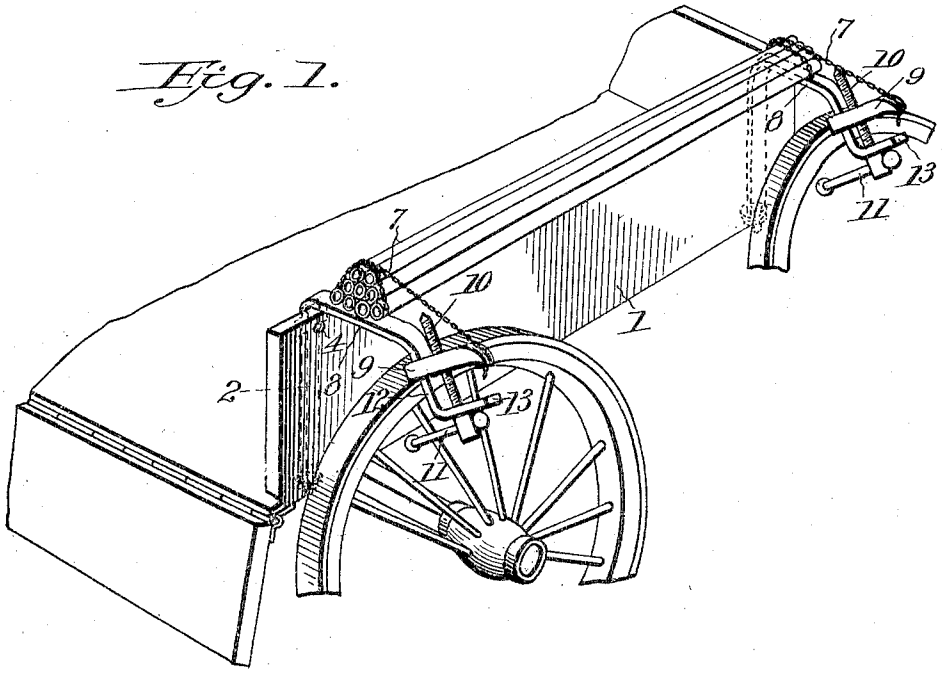
H. A. PATTERSON.

LOAD BINDER.

APPLICATION FILED APR. 1, 1904.

NO MODEL.

Fig. 1.



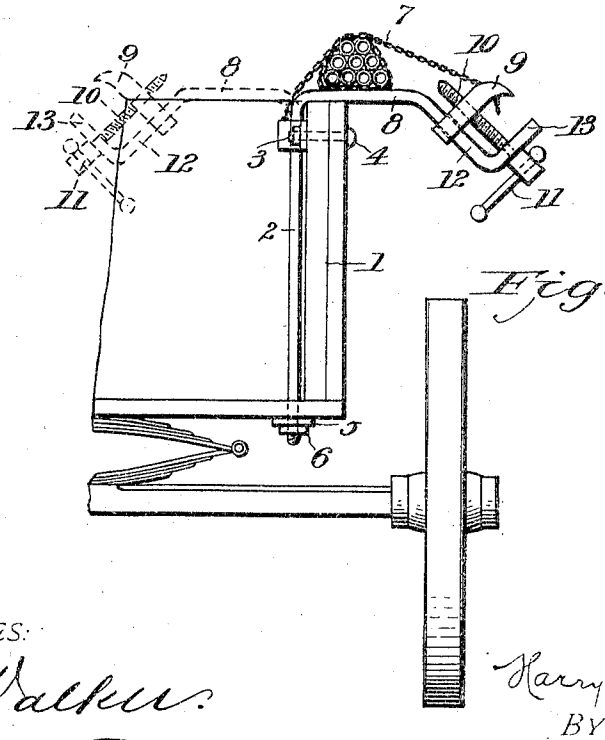


Fig. 2.

WITNESSES:

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No. 776,541. Patented December 6, 1904.

UNITED STATES PATENT OFFICE.

HARRY A. PATTERSON, OF GLENVILLE, OHIO.

LOAD-BINDER.

SPECIFICATION forming part of Letters Patent No. 776,541, dated December 6, 1904.

Application filed April 1, 1904. Serial No. 201,149. (No model.)

To all whom it may concern:

Be it known that I, HARRY A. PATTERSON, a citizen of the United States, residing at Glenville, in the county of Cuyahoga and State of Ohio, have invented new and useful Improvements in Load-Binders, of which the following is a specification.

This invention is a load-binder suitable particularly for binding pipe, poles, and the like upon a wagon; and it consists in an improved bracket for supporting the pipe or the like and a chain for binding the load thereon, with a screw-operated claw to tighten the chain.

In the accompanying drawings, Figure 1 is a perspective view showing one side of a wagon with the devices applied thereto. Fig. 2 is an end elevation.

Referring specifically to the drawings, 1 indicates the side of the wagon-box. The bracket for supporting the load comprises a standard or bar 2, which projects at its lower end through the bottom of the wagon-box and is threaded to receive a nut 6 and washer 5 thereunder and passes at its upper end under a strap 3, which is secured by bolts 4 to the side of the wagon-box. At the upper edge of said side the rod is bent over at a right angle to produce a horizontal portion 8, upon which the load is supported, and is then bent at an angle downwardly, as at 12, terminating finally in an upwardly-projecting portion 13. The portion 12 has thereon a sliding claw 9, through which a screw 10 is threaded. The neck of the screw is rotatably held in the portion 13, against which the head of the screw abuts, and the screw may be turned by means of the handle 11. The binding-chain 7 is fastened at its inner end to the strap 3 and in use is then wound around the pipes on the supports and engaged at its free end in the claw 9. Operation of the screw then tightens the chain in an obvious manner and binds the pipes together, as well as down upon the part 8. The downward inclination of the portion 12 effects the latter result. The top portion of the rod 2 fits loosely under the strap 3, so that the bracket may be swung around inside the wagon, as indicated in dotted lines in Fig. 2, if and when desired.

The device will be found particularly useful in carrying pipe on plumbers' wagons, but is capable of a variety of uses, such as will readily suggest themselves.

What I claim as new, and desire to secure by Letters Patent, is—

1. A load carrier and binder for wagons comprising a supporting-bracket projecting from the side of the wagon-box and having a sliding screw-operated claw at its outer end, and a chain connected at its inner end to the wagon-box and engaged at its outer end by the claw.

2. A load support and binder for wagons, comprising a bracket projecting from the wagon-box, and having at its outer end a downwardly-inclined portion, a claw slidable on said portion, an operating-screw carried by the bracket and engaging the claw and a chain connected at one end to a fixture on the wagon-box and engaged at its other end by the claw.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HARRY A. PATTERSON.

Witnesses:
JOHN A. BOMMHARDT,
WILLIAM GUNTEN.