W. W. GAWTHROP.

LUMBER-WAGONS.

No. 194,668. Patented Aug. 28, 1877.

Fig. 1.

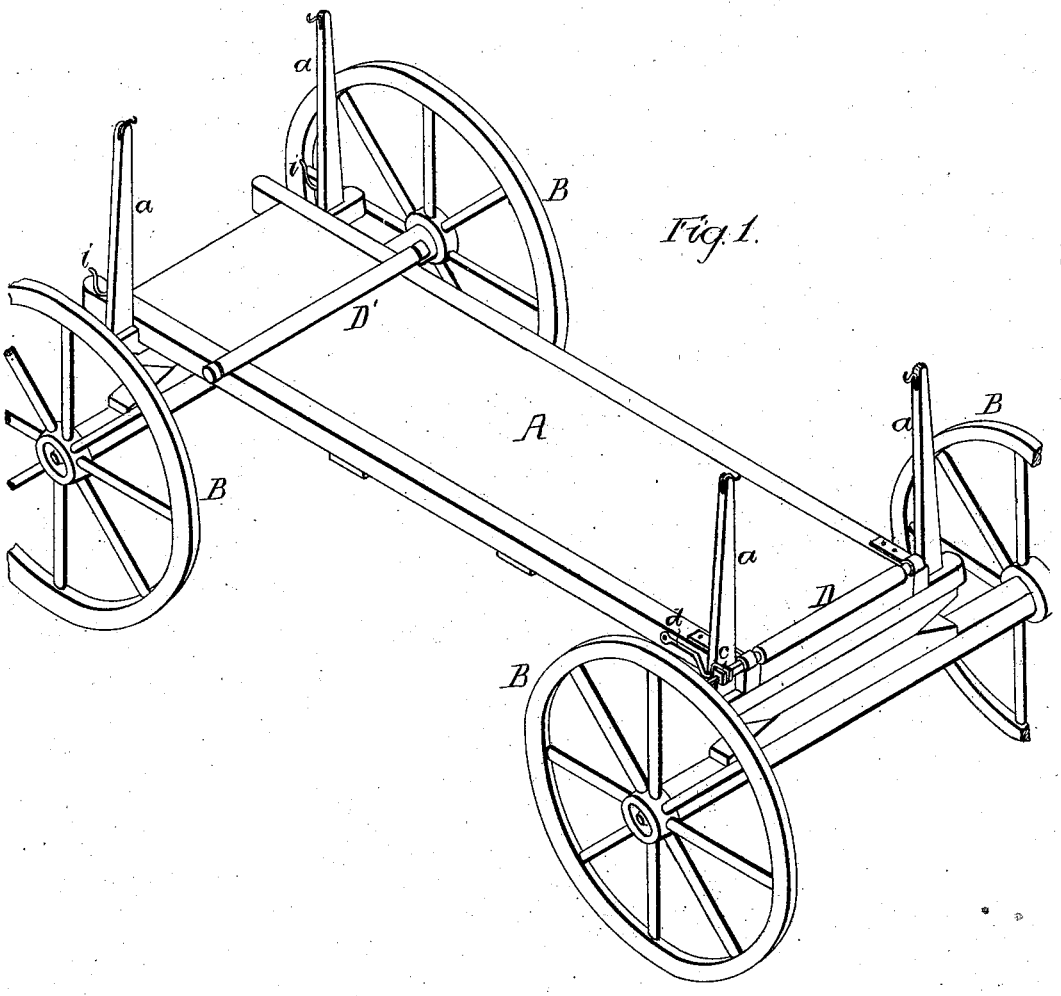
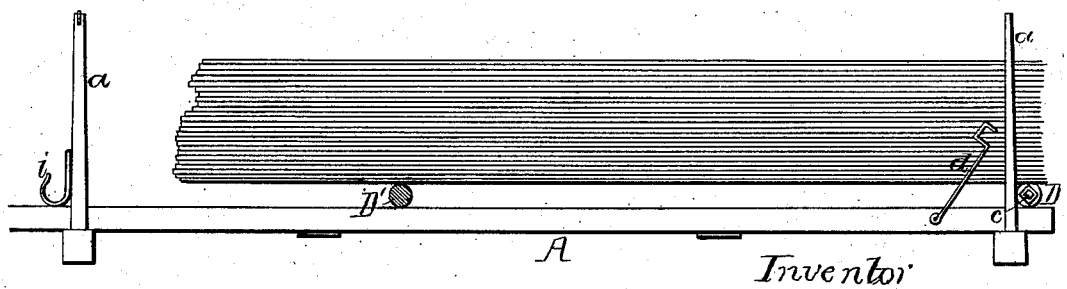


Fig. 2.



Witnesses

Richard L. Gardiner

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UNITED STATES PATENT OFFICE.

WILLIAM W. GAWTHROP, OF KENNETT SQUARE, PENNSYLVANIA.

IMPROVEMENT IN LUMBER-WAGONS.

Specification forming part of Letters Patent No. **194,668**, dated August 28, 1877; application filed July 21, 1877.

To all whom it may concern:

Be it known that I, WILLIAM W. GAWTHROP, of Kennett Square, Chester county, Pennsylvania, have invented a new and useful Improvement in Lumber-Wagons, of which the following is a specification:

The object of my invention is to construct a wagon for carrying lumber, &c., on which the load can be readily piled and carried, and from which it can be easily removed; and this object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved wagon, and Fig. 2 a side view of the body of the same.

The body of the wagon consists of a horizontal platform, A, mounted upon suitable wheels B at each end, and provided at each corner with a post, *a*, these posts serving to confine the load laterally.

To bearings at each side of the platform, near the rear end of the same, are adapted the journals of a roller, D, the end of one of the journals being made of a square or angular shape, so as to be adapted to an opening of corresponding shape in a suitable cranked operating-handle, by which the roller can be turned, as described hereinafter. This journal of the roller has an enlarged portion, *c*, of a similar square or angular shape, to which is adapted the bent end of a pivoted rod, *d*, which thus serves as a clutch to prevent the turning of the roller D when such turning is not advisable.

In loading the wagon the lumber is supported upon the roller D at the rear, and upon a roller, D′, introduced under the front portion of the load.

In order to unload the wagon, the hooked rod *d* is raised so as to release roller D, and the latter is then turned in order to cause the load to move rearward, the front roller D′ running along the platform A, and serving to ease the movement of the front portion of the load. When the portion of the load projecting beyond the rear end of the wagon-body exceeds that remaining upon the same, said load will tilt until the projecting end rests upon the ground, when the wagon may be drawn out from beneath the same.

The roller D′ is grooved near each end, and, when not in use, may be carried by the hooks *i*, secured to the front posts *a* of the wagon, the hooks being adapted to the grooved portions of the roller, so that any lateral movement of the same is prevented.

The above-described wagon is easier to load and the load is more readily retained in position than is the case with an ordinary lumber-wagon with inclined body. Moreover, the wagon is not adapted merely to the carrying of lumber, but may be used for any of the other purposes to which an ordinary flat-bodied wagon is adapted.

I claim as my invention—

1. The combination of the platform A, the fixed roller D at the rear end of the same, and the traversing roller D′ at the front, as set forth.

2. The combination of the angular projection *c* on the journal of the roller D with the hooked rod *d*, as specified.

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

WILLIAM W. GAWTHROP.

Witnesses:

LIZZIE W. HILL,

ENOCH PASSMORE.