

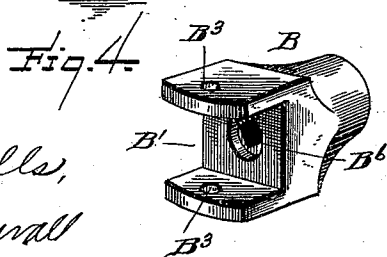
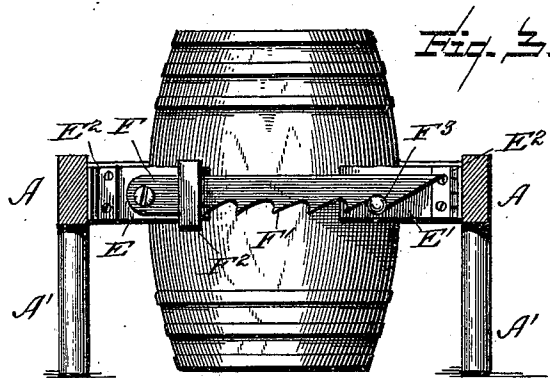
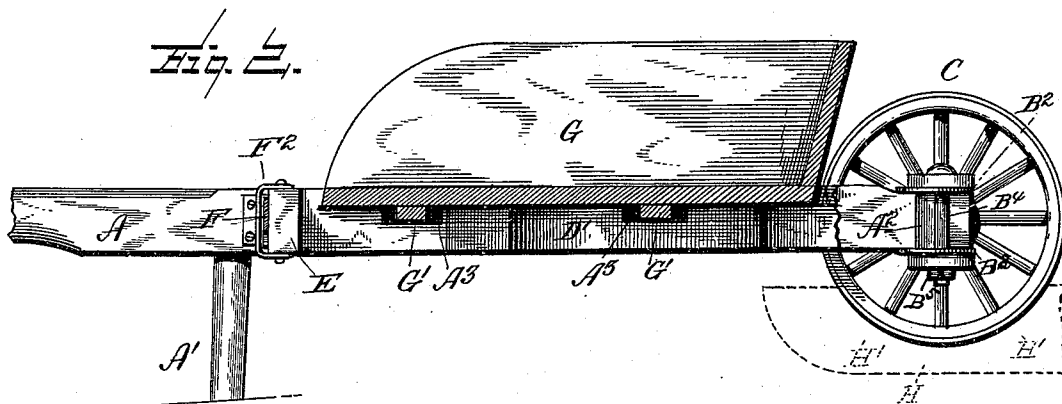
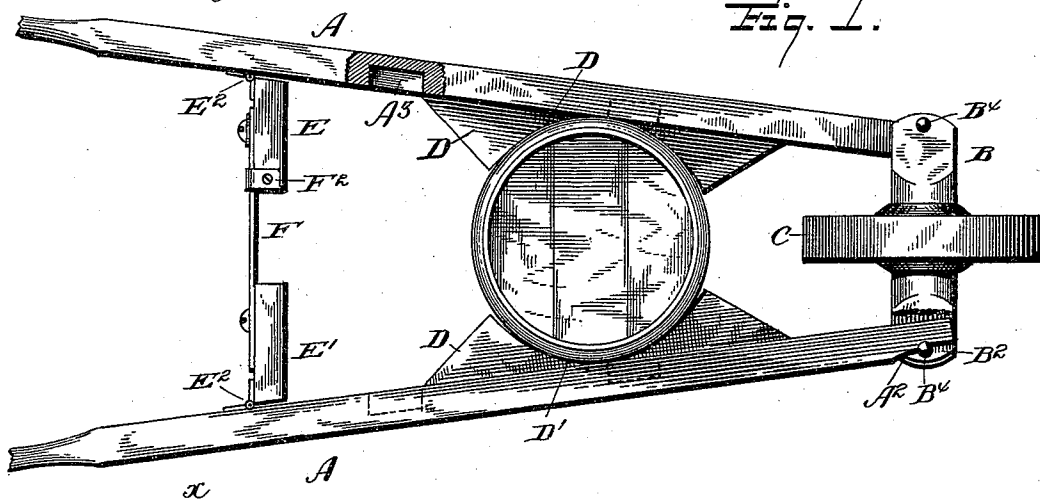
(No Model.)

J. S. GOURLAY.

COMBINED WHEELBARROW AND BARREL TRUCK.

No. 355,263.

Patented Dec. 28, 1886.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JOHN S. GOURLAY, OF SYRACUSE, NEW YORK.

## COMBINED WHEELBARROW AND BARREL-TRUCK.

SPECIFICATION forming part of Letters Patent No. 355,263, dated December 28, 1886.

Application filed April 24, 1886. Serial No. 300,041. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN S. GOURLAY, a citizen of the United States, residing at Syracuse, in the county of Onondaga, State of New York, have invented certain new and useful Improvements in a Combined Wheelbarrow and Barrel-Truck, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention has relation to a combined wheelbarrow and barrel-truck; and my object is to provide a device of the character above mentioned that may be cheaply constructed, which will be simple in operation, and that may be quickly and easily changed from one form to the other; and the invention consists in certain features of construction, hereinafter specified, and particularly pointed out in the claims.

20 Referring to the drawings, Figure 1 is a plan of a truck, and a barrel mounted therein, and Fig. 2 is a central longitudinal section with the body or box of a wheelbarrow mounted thereon, all constructed in accordance with my invention. Fig. 3 is a transverse section taken on the line *xx* of Fig. 1. Fig. 4 is a perspective of one of the cast-iron boxes hereinafter described.

Like letters indicate like parts in all the figures of the drawings.

30 A represents the usual side bars of a truck-frame, upon the ends of which are formed suitable handles, and which are provided with suitable legs, A'. The opposite ends of the side bars, A, are chamfered, as at A<sup>2</sup>, and are adapted to be inserted into recesses B' of a cast-iron box, B, between which and the side bars, A, are interposed suitable bearing-plates, B<sup>2</sup>. The top and bottom of the boxes are perforated, as at B<sup>3</sup>, and correspond with similar perforations in the plates B<sup>2</sup>, through which is passed a bolt, B<sup>4</sup>, which may be screw-threaded at its lower end and provided with a nut, B<sup>5</sup>, as shown. Each of the side bars are provided with one of the above-described boxes, and each box is longitudinally apertured, as at B<sup>6</sup>, to form bearings for a suitable journal upon which the wheel C is mounted.

From the above description it will be seen that the side bars, A, are hinged or pivotally secured in the boxes B, and that said bars may be opened and closed at their free ends, so as

to grasp different articles, such as boxes, barrels, and bales. At a suitable point upon the inner side of said bars, and diametrically opposite each other, is formed or provided a pair 55 grasping-blocks, D, which are provided with curved inwardly-extending recesses D', adapted to fit or conform to the shape in cross-section of an ordinary barrel. If desired, however, the side bars, A, may be formed of light metal and curved outwardly, forming a grasp, in which case the blocks D may be dispensed with.

E E' represent arms, which are hinged or otherwise pivotally connected to the side bars, A, as at E<sup>2</sup>, and extend a short distance within 65 the frame. Upon one or the other, in this instance the arm E, there is pivotally secured a gravity latch or pawl, F, the under surface of which is provided with serrations or teeth F', said latch being held in position by means of a clip, F<sup>2</sup>, secured to the arm E, and on the 70 opposite arm, E' there is a pin, F<sup>3</sup>, over which the latch F rides, so that its teeth may engage with the pin.

By the above description it will be seen that 75 the truck may be opened and lowered over a barrel or other article and the side bars brought toward each other and the article grasped by means of the grasping-blocks D, and that said side bars will be automatically locked together 80 by means of the gravity-latch F, and the barrel, box, or bail then elevated and carried to a desired point.

G represents the body portion of a wheelbarrow of ordinary construction, and which is 85 provided at its bottom, upon the under surface thereof, with transverse cleats or tie-bars G', which extend out beyond the sides of said body and are adapted to register with and enter recesses A<sup>3</sup>, formed in the side bars, A, when the 90 side bars are brought toward each other and automatically locked, whereby said body portion is held rigidly upon and embraced by the truck-frame. In this manner the truck is transferred into a barrow for the transporting 95 of small articles.

In Fig. 2 I have shown a shoe, H, to be attached to the wheel C, which is after the form of a runner, and is held in place by means of suitable clips, H', whereby said truck may be 100 run on snow.

It will be seen from the above description

that I have provided a combined barrel-truck and wheelbarrow that can be easily and quickly changed from one to the other, and which can be easily taken apart and conveniently packed for shipment or storage.

Having described my invention and its operation, what I claim is—

1. In a truck, the combination of side bars provided with grasping devices, boxes forming bearings for the axle of a wheel pivoted to said bars at their ends, and an automatic locking device arranged between said bars, substantially as specified.

2. A combined wheelbarrow and barrel-truck comprising side bars provided with barrel-grasping devices and recessed to receive transverse tie-bars mounted on the body portion of the wheelbarrow, and provided at one end with pivoted boxes, forming bearings for the wheel of said truck, and having arranged near

the opposite ends automatic locking devices for connecting the two side bars, substantially as specified.

3. The combination, with the recessed side bars, A, provided with the grasping-blocks D, of the recessed boxes B, apertured as at B<sup>3</sup> B<sup>6</sup>, and the hinged arms E E', toothed latch F, and pin F<sup>3</sup>, substantially as specified.

4. The combination of the side bars, A, recessed as at A<sup>3</sup>, chamfered as at A<sup>2</sup>, with the boxes B, plates B<sup>2</sup>, arms E E', latch F, pin F<sup>3</sup>, and the body portion G, having the transverse tie-bars G', substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN S. GOURLAY.

Witnesses:

F. C. BRODIE,  
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