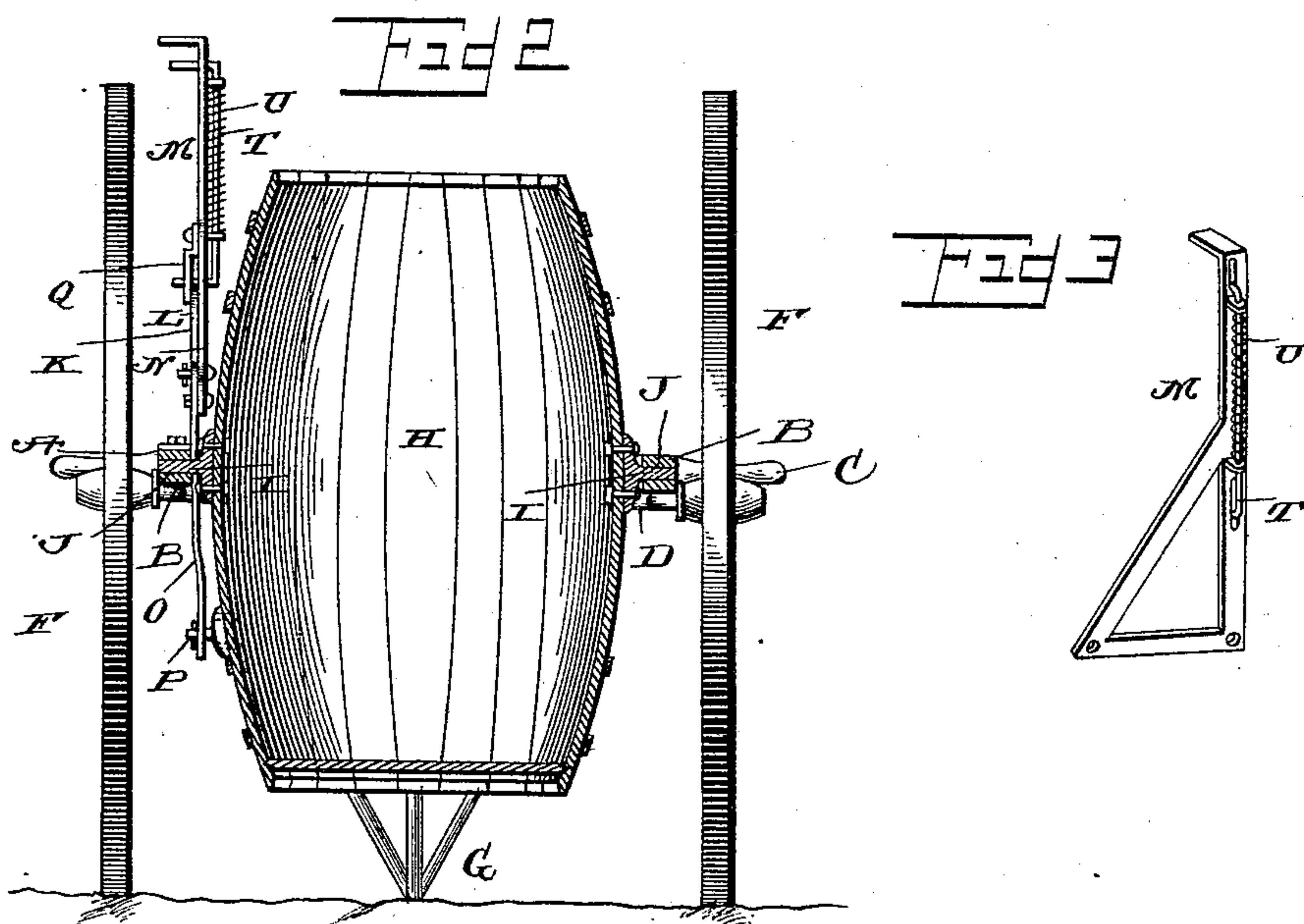
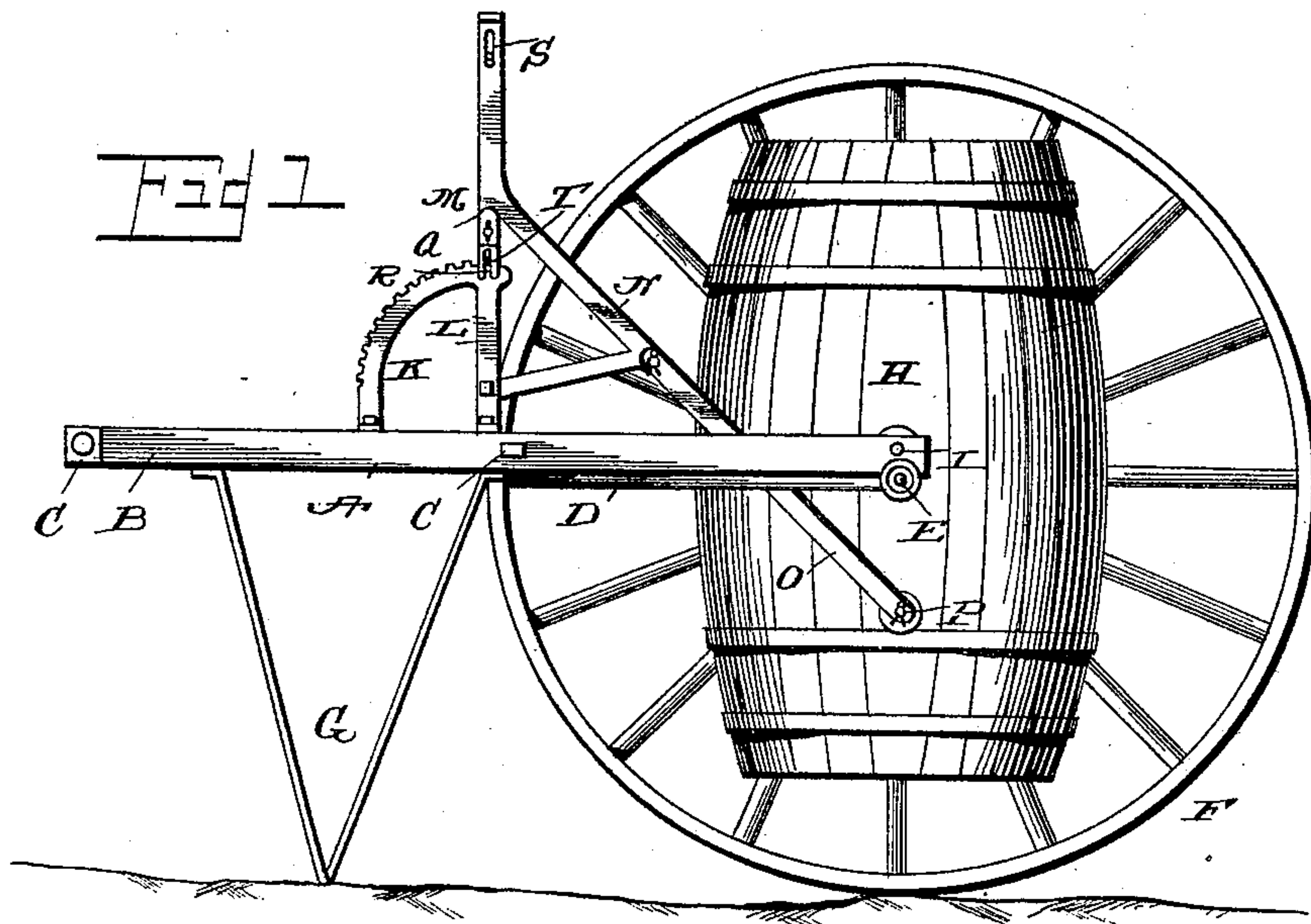


(No Model.)

M. E. PARHAM.
BARREL TRUCK.

No. 478,710.

Patented July 12, 1892.



Witnesses

John D. Smith
Chas. Bishop

Inventor

Marshall E. Parham
By *his* Attorney
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UNITED STATES PATENT OFFICE.

MARSHALL E. PARHAM, OF BURR OAK, MICHIGAN.

BARREL-TRUCK.

SPECIFICATION forming part of Letters Patent No. 478,710, dated July 12, 1892.

Application filed February 20, 1892. Serial No. 422,252. (No model.)

To all whom it may concern:

Be it known that I, MARSHALL E. PARHAM, a citizen of the United States, residing at Burr Oak, in the county of St. Joseph and State of Michigan, have invented certain new and useful Improvements in Barrel-Movers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in trucks or carriages for moving barrels; and it consists in certain novel features, which will be hereinafter first fully described, and then pointed out in the claims.

The principal object of my invention is to provide improved mechanism for tilting the barrel when it is desired to discharge the contents of the same. This object I accomplish by the use of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved barrel-mover with the near wheel removed. Fig. 2 is an end elevation showing the barrel in vertical section. Fig. 3 is an enlarged detail view of the operating-lever.

The main frame or truck proper A consists of the side bars B and the cross-bars C, secured to and connecting the side bars, the cross-bar C at the front end of the frame serving as a handle by which the device may be pushed from place to place. A horizontal U-shaped bar or rod D is secured to the under side of the main frame and has its ends turned outward to present the spindles or axles E, on which the carrying-wheels F are mounted. This bar is secured to the main frame in such a position that the spindles or axles are at the rear ends of the frame and the space between the side bars of the frame is left unobstructed, so as to receive the barrel.

It would involve no departure from my invention to employ merely stub-shafts at the ends of the frame to support the wheels; but I prefer the U-shaped bar shown and described, as additional strength is thereby imparted to the frame.

In order that the frame may be prevented

from falling when the device is not in use, I provide the supporting leg or standards G near the front end thereof, as clearly shown. 55

The barrel H may be of the usual or any preferred construction, and is provided at diametrically-opposite points with the trunnions I, which engage sockets J in the side bars of the main frame directly over the axles, and consequently form pivots for the barrel. On the main frame a short distance in advance of the barrel I secure the vertical curved rack-bar K, having a standard L, to which I pivot the operating-lever M. This operating-lever is provided with the rearwardly-extending arm or offset N, to which I pivot the upper end of a link O, which has its lower end pivotally secured on a pin or stud P on the side of the barrel. The operating-lever is further provided with a guide Q, which fits over the upper edge of the rack-bar and is provided with a slot or notch R, in alignment with a slot S in the lever, in which the lower end of the locking bolt or rod T plays. The said locking-rod T is mounted on the lever M, and is normally pressed downward by a spring U, coiled around the same and bearing against shoulders or offsets on the rod and the lever, as will be readily understood. The upper end of the rod is bent outward, so as to form a handle, which can be drawn against the handle of the lever in the operation of the device. 60 65 70 75 80

In practice the spring around the locking-bolt serves to hold the same in engagement with the rack-bar, so as to prevent movement of the lever, and consequently the barrel will be caused to hang steadily without the use of cumbersome bracing devices. After the barrel has been filled the truck is wheeled to the place where it is desired to deposit the contents of the barrel, and the operator then grasps the upper ends of the locking-rod and the operating-lever. The locking-rod will thus be disengaged from the rack-bar, and the lever can then be swung backward, consequently drawing on the link O, so as to raise the lower end of the barrel and thereby tilt the same. It will thus be seen that the contents of the barrel may be easily discharged and that such discharge may be effected quickly or gradually, as circumstances may demand. 85 90 95 100

It will be seen from the foregoing description that I have provided a very simple and efficient device by which a barrel may be moved from place to place easily and rapidly without disturbing its contents and may be readily tilted to discharge its contents.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

10 1. The combination of a wheeled frame, a barrel pivotally supported on said frame, a lever mounted on the said frame, means for locking said lever, and a link having its upper end pivoted to the lever and its lower end
15 pivoted to the barrel below the center thereof.

2. The combination of a frame having sockets in its ends, a barrel provided with trunnions engaging said sockets, means for tilting the barrel on the trunnions, a U-shaped

bar secured to the under side of the frame 20 and having its ends turned outward, and supporting-wheels loosely mounted on the said outturned ends.

3. The combination, with the frame and a barrel pivotally mounted thereon, of a rack- 25 bar erected on the frame, a lever fulcrumed on the said rack-bar, connections between the lever and the barrel, a guide carried by the lever and fitting over the rack-bar, and a spring-
locking rod carried by the lever and playing 30 in the said guide to engage the rack-bar.

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

MARSHALL E. PARHAM.

Witnesses:

AARON W. PARHAM,
JAY J. STANTON.