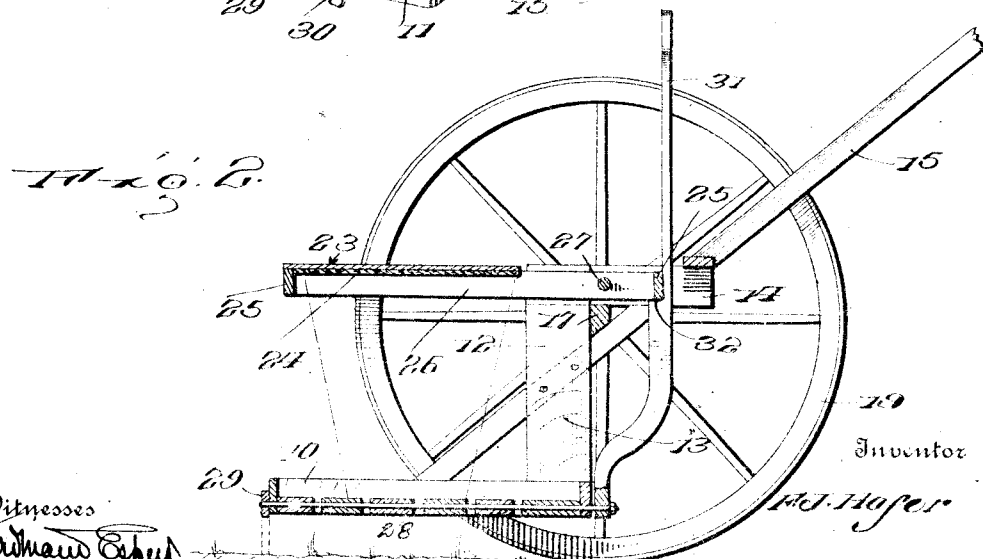
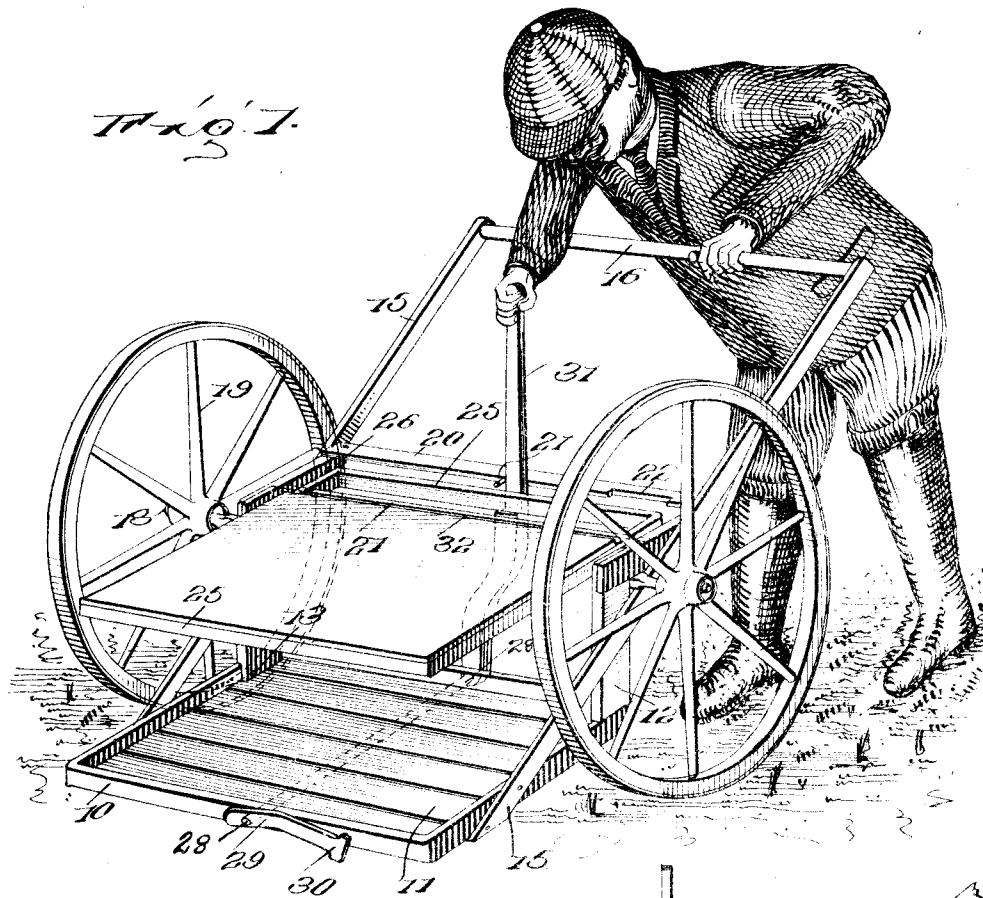


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 WATER AND SLOP CARRIER.
 APPLICATION FILED MAY 7, 1912.

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UNITED STATES PATENT OFFICE.

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WATER AND SLOP CARRIER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRANK J. HOFER, citizen of the United States, residing at Dieterich, in the county of Effingham and State of Illinois, have invented certain new and useful Improvements in Water and Slop Carriers, of which the following is a specification.

My invention relates to new and useful improvements in water and slop carriers, and the object of my invention is to provide a carrier mounted upon wheels and capable of supporting one or more pails or buckets.

A further object of my invention is to provide means for normally maintaining the floor or platform of the carrier in horizontal position when the carrier is at rest, said means consisting of a foot capable of being swung into engagement with the ground.

A further object of my invention is to provide a cover which is swingingly mounted upon the frame of the carrier and adapted to be swung over and clamped upon the upper ends of the pails supported upon the platform to prevent their disengagement from the platform and the slopping of the water or other contents from the pails. And a still further object of my invention is to provide means for locking the cover in operative position, said means being adapted and arranged to swing the supporting foot into inoperative position upon the locking of the cover.

With these and other objects in view, my invention will be more fully described; illustrated in the accompanying drawing and then specifically pointed out in the claims which are attached to and form a part of this application.

In the drawing: Figure 1 is a perspective of my improved water or slop carrier; Fig. 2 is a central, vertical section, showing the relative position of the supporting foot and locking lever.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawing by the same reference characters.

The preferred embodiment of my invention includes a floor or platform made of any material and of any size, but preferably formed of wood and including a substantially rectangular shaped frame 10 and a plurality of longitudinally extending slats 11 extending between the end members of

the frame and forming the floor. As shown, these slats are spaced apart and are also spaced below the central portion of the frame, whereby the frame extends above the floor to provide a marginal flange or wall.

Extending vertically upward from the rear end portions of the frame, are hangers 12 including standards 13 and rearwardly directed arms 14. Braces 15 are connected at their lower ends to the forward end portions of the platform and extend rearwardly and upwardly, being secured to the standards 13 and arms 14 to firmly brace the hangers thereby formed. The free ends of these braces, as shown, extend a considerable distance beyond the hangers and are connected by a bar 16 forming the handle of the carrier.

Secured in the spaces between the hangers and braces, is an axle 17, the ends of which extend beyond the braces and terminate in spindles 18, upon which are rotatably mounted the bearing wheels 19, said wheels being proportioned to support the floor or platform a slight distance above the ground. To further support the hangers and braces in proper spaced relation, I have provided a brace bar 20 which extends transversely between the braces 15, being secured by its ends to the braces and to the free ends of the hanger arms 14. This bar is provided centrally with a forwardly directed pin 21 and is notched at one end as shown at 22.

The cover includes a substantially rectangular body member 23, preferably formed of wood, lined with heavy canvas or rubber 24 and supported upon the forward portion of a substantially rectangular shaped frame 25, the rear portion of which extends beyond the body member of the cover. The side members 26 of this frame are perforated adjacent their rear ends to receive a rod 27 which is passed through the perforations of the side members and through corresponding perforations formed intermediate the length of the hanger arms 14. By this means, the cover is swingingly mounted between the hangers and may be swung into parallel spaced relation to the floor or platform or swung upwardly until its rear portion engages against the rear face of the axle when further upward swinging is prevented.

The central portions of the front and rear members of the frame 10, as well as the central portions of the slats 11, are perforated

to receive a rod or shaft 28 upon the forward end of which is mounted an arcuate arm 29, the free end of which is shaped to provide a foot 30 for engagement with the ground when the shaft is turned in one direction. This arm 29 is so proportioned as to co-act with the wheels when in lowered position to support the carrier horizontally. Secured by one end to the opposite end of the shaft 28, is a hand lever 31 which may be formed of wood or metal as preferred and which extends upwardly and rearwardly to bear between its ends against the forward face of the brace bar 20. This lever is preferably somewhat resilient in order that it may seat in the notch 22 when swung to that end of the carrier. The upper portion of the lever is reduced or cut-away to form a shoulder 32 which, in vertical position of the lever, engages beneath the lower face of the rear member of the cover frame 25 to hold the same in lowered position, this shoulder being so proportioned that when the lever is seated in the notch 22, the frame will be released and the cover may be raised. The arms 29 and lever 31 are so set upon the opposite ends of the shaft 28 that the foot 30 is held in inoperative position when the lever is locking the cover in operative position, while the foot engages with the ground when the lever is swung out of operative position into the notch 22.

As previously stated, the floor or platform of the carrier may be made in any size desired and the cover will, of course, correspond substantially in size to the floor. In practice, I have preferred to construct the floor in such a manner as to provide for the support of a pair of pails or buckets which are held against disengagement from the floor by the upwardly directed edges of the frame 10.

The hangers 12 are so proportioned that when the pails or buckets are positioned upon the floor and the cover lowered upon the same, the cover will extend parallel to the floor and will be clamped in close engagement upon the open upper ends of the buckets by the engagement of the shoulder 32 of the lever beneath the rear member of the frame 25 of the cover. The cover will therefore assist in preventing the displacement of the buckets and will also effectually close the same to prevent any slopping of the contents.

In operation, the lever is swung to seat in the notch 22, thereby swinging the foot 30 into operative position to support the carrier. The pails or buckets are then positioned upon the platform, and the cover lowered into position. The operator then grasps the bar or handle 16 with one hand and with the other swings the lever 31 to clamp the cover in engagement with the pails and to swing the foot out of engage-

ment with the ground, the movement of the lever being limited by the pin 21.

From the foregoing description, it will be seen that I have provided a simple and effective form of water carrier in which the pails are firmly held in place and covered to prevent their contents from slopping out during transportation.

It will further be apparent that I have provided means for normally and stably supporting the platform when not in use, said supporting means being so arranged that the clamping of the cover in operative position will swing the support into inoperative position to permit the movement of the carrier.

Having thus described the invention, what is claimed as new is:

1. A water carrier including a wheeled frame, a platform supported by said frame and having an upwardly extending marginal retaining wall, a cover hinged upon the frame and having a downwardly depending marginal retaining wall, said cover being adapted to swing into parallel relation to the platform with the free edge of its retaining wall spaced above the free edge of the retaining wall of the platform, and means for locking the cover in position.

2. A water carrier including a wheeled platform, a movable foot for holding the platform against swinging movement, a hinged cover, and means for simultaneously swinging the foot into inoperative position and locking the cover in operative position.

3. A water carrier including a wheeled platform, a hinged cover movable into parallel spaced relation to the platform, a movable foot for normally holding the platform against movement, means for locking the cover in operative position, and means operated by said last mentioned means for swinging the foot into inoperative position.

4. A water carrier including a wheeled platform, a hinged cover movable into parallel spaced relation to the platform, a movable foot for normally holding the platform against movement, a lever for locking the cover in operative position, and means operable by said lever for swinging the foot out of operative position.

5. A water carrier including a wheeled platform, a hinged cover movable into parallel spaced relation to the platform, a foot for normally supporting the platform, a lever for normally locking the cover in position, and means operable by the movement of the lever to inoperative position to move the foot into operative position.

6. A water carrier including a platform, hangers carried by the rear end portions of the platform, diagonally extending braces secured to the ends of the platform and to the hangers, transverse bars connecting said braces, an axle carried by the hangers, bear-

ing wheels carried by said axle, a cover swingingly mounted between the hangers, and means for locking the cover in operative position.

- 5 7. A water carrier including a platform, hangers carried by the rear end portions of the platform, braces diagonally connecting the ends of the platform and hangers, transversely extending bars connecting said
10 braces, one of said bars forming a handle, an axle carried by said hangers, bearing wheels carried by said axle, a cover swingingly mounted between the hangers and
15 movable into position over the platform and with its rear end in parallel spaced relation with one of the transverse braces, a shaft

mounted for rotation through the platform, a foot carried by the forward end of said shaft, and a hand lever carried by the opposite end of the shaft and extending between 20 the rear end of the cover and the adjacent brace, said hand lever being provided with a shoulder for clamping engagement with the cover and said brace being provided with a stop pin for limiting the movement 25 of the lever.

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

FRANK J. HOFER. [L. S.]

Witnesses:

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