

(No Model.)

E. C. WILKINSON.
BAG HOLDER AND TRUCK.

No. 422,274.

Patented Feb. 25, 1890.

Fig. 1.

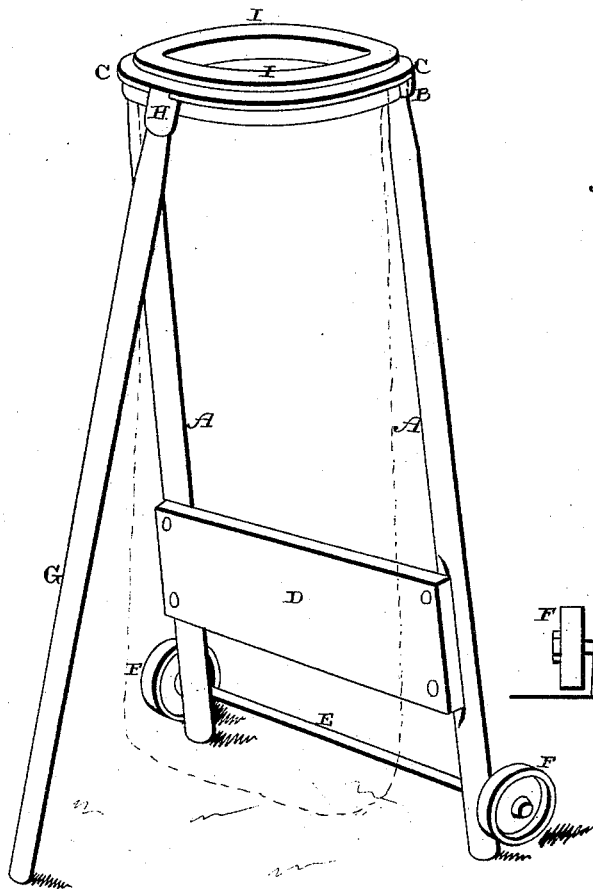


Fig. 2.

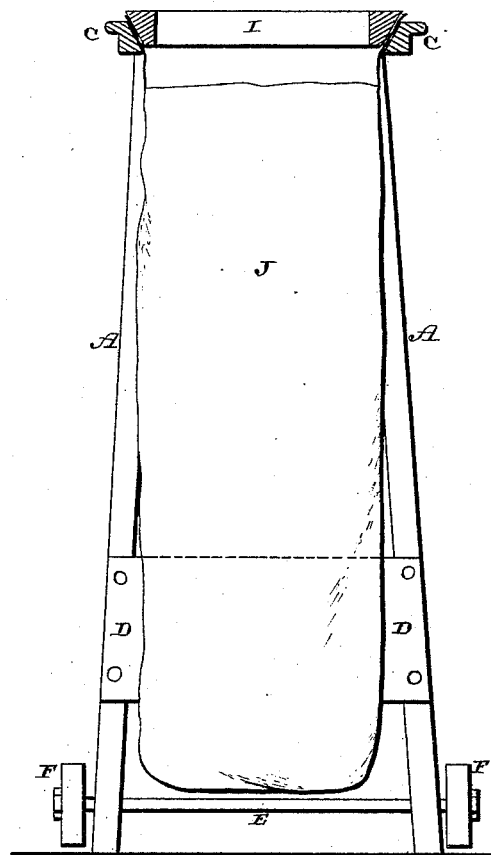
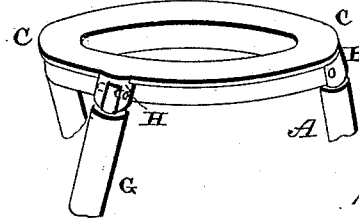


Fig. 3.



Witnesses:
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Edward C. Wilkinson,
per
J. A. Lehmann, atty.

UNITED STATES PATENT OFFICE.

EDWARD C. WILKINSON, OF PENN YAN, NEW YORK.

BAG-HOLDER AND TRUCK.

SPECIFICATION forming part of Letters Patent No. 422,274, dated February 25, 1890.

Application filed November 4, 1889. Serial No. 329,179. (No model.)

To all whom it may concern:

Be it known that I, EDWARD C. WILKINSON, of Penn Yan, in the county of Yates and State of New York, have invented certain new and useful Improvements in a Combined Bag-Holder and Truck; and I do hereby 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in combined bag-holders and trucks; and one object of my invention is to support a bag in a vertical position to be filled without the use of hooks or other fastening devices which have heretofore been used, and which are liable to tear and mutilate the bag.

Another object of my invention is to provide the stationary ring with sockets for the reception of the legs which form the supports for the bag when being filled, and also the frame of the truck when being used as a truck.

Another object of my invention is to so place the wheels in relation to the frame that when the frame is in a vertical position the wheels will be raised from the surface upon which it is placed.

Another object of my invention is to make one of the legs or supports detachable or hinged at its upper end, so that it may be removed or thrown sidewise or outward at its lower end, and the bag thus allowed to rest upon the floor, whereby it is easily removed from between the two rings.

With these objects in view my invention consists in, first, a stationary ring having an inner beveled surface and provided with sockets, legs, or supports having their upper ends placed in the sockets, two of the legs being secured together at their lower ends and provided with wheels, and a removable ring having an incline or wedge-shaped outer surface, between which and the stationary ring the upper open end of the bag is clamped; second, in the peculiar construction and arrangement of parts hereinafter more fully described, and particularly pointed out in the claim.

Figure 1 is a perspective of a bag-holder which embodies my invention, the bag being shown in dotted lines. Fig. 2 is a vertical cross-section of the same, showing the wheels raised off the surface. Fig. 3 is a detached perspective of the stationary ring, showing a hinged support.

The supports A have their upper ends provided with tenons, which are placed in the sockets B, preferably formed as a part of the stationary ring C. These legs or supports A are secured together near their lower ends by means of the cross-piece or board D, and their lower ends provided with bearings or clamps for the shaft E, upon which the ordinary truck-wheels F are placed and secured in any suitable manner. A third leg or support G also has its upper end provided with a tenon, and which is inserted into the socket H, which is also formed integral with the stationary ring C. This third support or leg G preferably fits loosely in the socket H, so that it can be readily and easily removed therefrom for the purpose hereinafter described. Instead of having the upper end of this leg G placed within a socket, as here shown, it may be hinged or pivoted to the stationary ring at its upper end in any suitable manner which would allow it to be thrown outward or sidewise and accomplish the same purpose as removing it from the socket H. Placed within this stationary ring C is a removable ring I, which has its outer surface or edge beveled or inclined inward, as shown, and the upper open end of the bag J is placed between the two beveled rings. The removable ring I, being provided with the incline or bevel, as here shown, has a wedging action when a downward pull is given to the bag, and thereby clamps it securely between the two rings. By means of this construction a clamp is produced which is so constructed that the bag is not torn or mutilated, as is the case where hooks and other similar devices are used for holding the bag in a vertical position to be filled. The rings C and I are preferably oval in form, as here shown, which form will accommodate much better the grain-scoop and prevent the spilling of grain, as would likely occur were the rings made round.

The extreme lower ends of the supports or legs A are made to extend beyond the outer periphery of the wheels F, so that when the frame or bag-holder is raised into a vertical position for holding the bag the wheels are raised from the surface, as shown in Fig. 2, so as to prevent the lower ends of the supports from having a tendency to move and to hold the holder firmly in the position in which it is placed.

By making the third leg or support G readily removable at its upper end or pivoting or hinging it thereto, as hereinbefore described, when the bag has been filled and it is desired to remove it from the holder, the leg or support, if pivoted or hinged, is thrown outward or sidewise at its lower end, and if placed in a socket is entirely removed, which allows the bag to drop and rest upon the floor, in which position the removable ring is easily withdrawn and the bag released. If this support were made rigid or stationary, as all the other supports or legs A, it would be very difficult to remove the bag from between the rings.

By means of the construction here shown a combined bag-holder and truck is produced

which is simple, cheap, and effective in its operation, and one in which the clamp for holding the bag is so constructed that the bag is not torn or mutilated, as is the case where hooks and other similar devices are used, and which stands firm upon the floor when raised in a vertical position by raising the wheels, as hereinbefore described.

Having thus described my invention, I claim—

In a combined bag-holder and truck, the combination, with the stationary ring provided with sockets on its periphery and a bag-clamp connected thereto, of a truck having the upper ends of the frame thereof adapted to enter two of the sockets, and a third leg or support placed in a third socket, whereby the bag is supported and the holder made to brace the truck and form substantially a part thereof, substantially as shown and described.

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

EDWARD C. WILKINSON.

Witnesses:

STEVEN B. AYRES,
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