

(No Model.)

C. J. CAIN.
BAG HOLDER.

No. 578,091.

Patented Mar. 2, 1897.

Fig. 1.

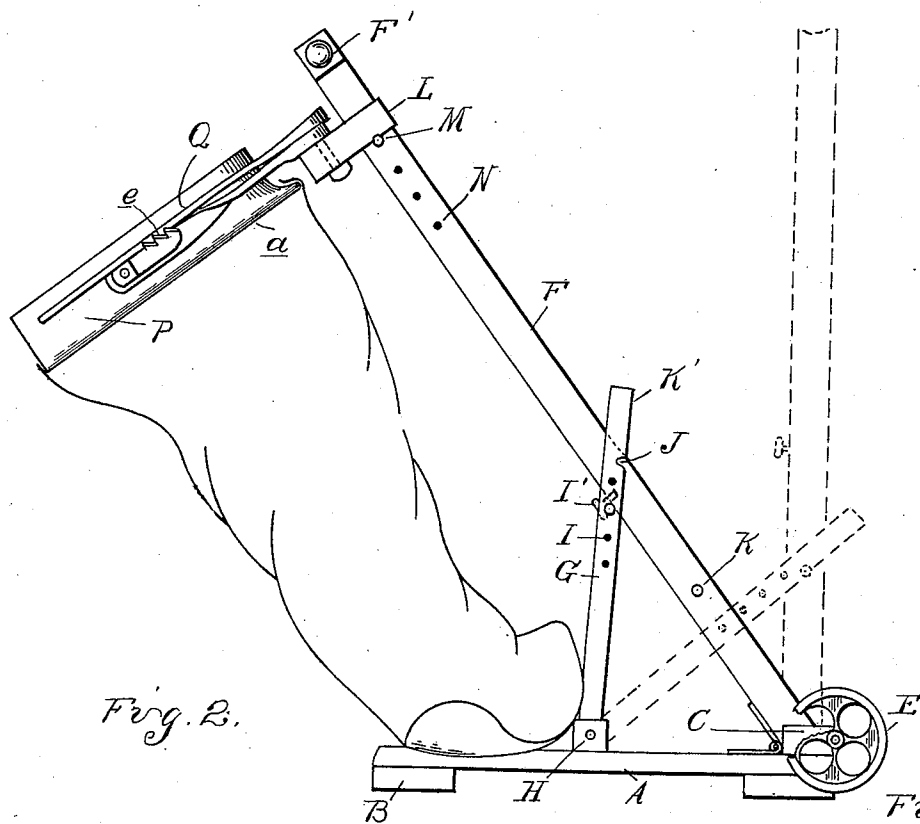


Fig. 2.

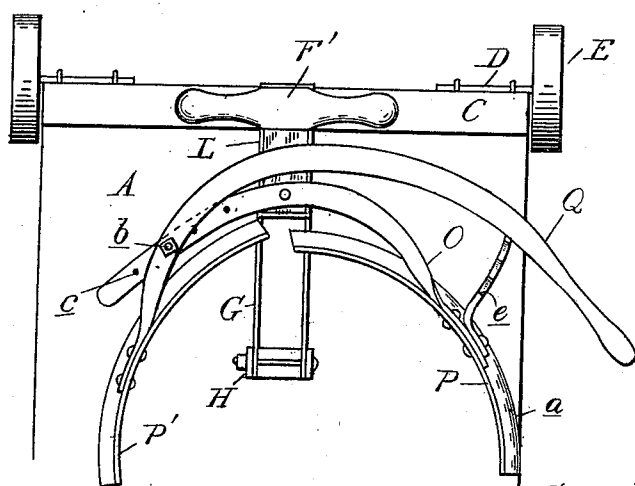
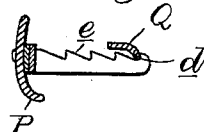


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

CASSIE J. CAIN, OF STOCKBRIDGE, MICHIGAN.

BAG-HOLDER.

SPECIFICATION forming part of Letters Patent No. 578,091, dated March 2, 1897.

Application filed September 18, 1896. Serial No. 606,254. (No model.)

To all whom it may concern:

Be it known that I, CASSIE J. CAIN, a citizen of the United States, residing at Stockbridge, in the county of Ingham and State of Michigan, have invented certain new and useful Improvements in Bag-Holders, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention consists in a bag-holder comprising, in combination, a hinged standard and a loop-shaped brace which acts as a support for the standard at various points of inclination, as well as a guide for the same in its movements; further, in the construction of the clamp or jaws for holding open the mouth of the bag while it is being filled; further, in the peculiar construction of the standard and base with a pair of wheels whereby the holder may be used as a truck to move the bag from place to place; further, in the construction, arrangement, and combination of the various parts.

In the drawings, Figure 1 is a side elevation of my improved device, showing in full and dotted lines different positions of the standard. Fig. 2 is a plan view with the standard in its vertical position. Fig. 3 is a detached section of the locking-ratchet for the bag-holding jaws.

A is a platform, preferably of wood and preferably having on its under side the cross-cleats B for strengthening the same. At the rear edge the platform has a raised rib C, to which may be secured stub-axes D, (or a single axle,) on the ends of which are journaled the truck-wheels E. In the normal position of the parts when the platform is resting on the floor the wheels E are slightly above the floor-line.

F is a single standard hinged at its forward edge to the top of the platform A, so that it can turn upon its hinge forwardly only and be turned at any desired angle to the platform. At the top it is provided with the handle F'.

G is a loop-shaped brace, preferably formed of a single piece of band-iron bent into an elongated-U shape, embracing the sides of the standard and hinged to ears H, projecting upwardly from the platform. In the sides of the brace G are a series of holes I, in which is adapted to be placed a pin or bar, upon

which the headed pin I' (or a hook) on the standard is adapted to impinge in the inclined position of the standard to support the load. In the lower edges of the upper end of the brace are notches J, adapted to engage with pins K on the sides of the standard to brace the standard in its upright position. The brace preferably extends beyond the standard in its upright position to form the handle K', by means of which the notches J in the brace may be disengaged from the pins K from the rear of the platform. At the top of the standard and vertically adjustably supported thereon is a U-shaped bracket L. The vertical adjustment is effected by means of a pin M engaging in any one of the series of holes N in the standard. Secured to the forward end of this bracket is the curved bag-holding arm O, extending about the same distance on each side of its support. At one end is secured the segmental jaw P, having on its lower margin a flange a, (or teeth.) At the opposite end is pivoted the curved lever Q on the bolt or pin b, which may be engaged in any one of a series of holes c in the arm O. On the end of this lever is secured the curved, flanged, or toothed jaw P', which is complementary to the jaw P and which may be moved in or out by the lever. The lever has a locking-lip d, which is adapted to engage with any one of a series of notches in a ratchet-bar e on the jaw P.

The parts being thus constructed, they are adapted to be used as follows: The operator first adjusts the bracket L to the proper height and adjusts the lever Q in or out by moving the pin b to the proper position for the size of bag to be filled. The mouth of the bag is then engaged over the flanges on the jaws and the lever Q moved to force out the jaw P', so as to hold the bag open in a substantially oval shape and to hold it from falling, the lever being locked by engagement with the ratchet-bar. The bar being placed in one of the holes I and the standard tilted so that the pin I' will rest on the bar, as shown in Fig. 1, the bag will be held in proper relation to the person shoveling, its lower end resting on the forward portion of the platform. The bag may thus be nearly filled while it is held in the most convenient position for filling, and then be completely filled by turning the standard

to its vertical position, where it will be held by the notches J engaging over the pins K. Now if the truck-wheels are on the device by taking hold of the handle and tipping it backward the wheels, which project out beyond the end of the platform, will rest on the floor, and the whole thing may be run about on the wheels to any desired point.

What I claim as my invention is—

10 1. In a bag-holder, the combination of a platform, a standard, an elongated-U-shaped brace pivoted to the platform and embracing the standard, a cross-bar spanning this brace in front of the standard and adjustably secured thereto, a shoulder or pin on the stand-
15 ard adapted to engage on the cross-bar, notches in the brace near the ends and pins on the standard with which the notches are adapted to engage in the vertical position of
20 the standard, substantially as described.

2. In a bag-holder, the combination with the platform, the standard hinged to the platform near one end and adapted to tilt over the platform, an elongated brace pivoted at its end
25 to the platform and lying adjacent to the standard, and having a series of apertures, a detachable cross-bar adapted to engage in any one of the apertures, a headed stop or hook on the standard adapted to impinge upon the
30 cross-bar, pins K on the sides of the standard with which notches in the brace are adapted to engage, the handle K' formed by an extension of the brace beyond the standard, and a

bag-holder carried by the standard, substantially as described.

3. A bag-holder comprising a standard, a bracket thereon, an arm secured at or near its middle to said bracket, a bag-distending jaw secured to one end thereof, a lever pivoted to the other end of the arm, the complementary jaw secured to said lever, and means for holding the lever and arm in fixed relation to one another, substantially as described.

4. In a bag-holder, the combination of a bracket, a curved arm secured thereto to project upon both sides of the bracket, the bag-distending jaw secured to one end of the arm, a lever pivoted to the other end, a complementary jaw secured to the end of the lever, and a ratchet-bar on the opposite end of the curved arm with which the end of the lever is adapted to engage.

5. In a bag-holder, the combination with a supporting means, of an arm attached thereto, a bag-distending jaw carried by one end of the arm, a lever pivoted to the arm at or near its other end and carrying a second jaw, and means for holding the lever and arm in fixed relation to one another.

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

CASSIE J. CAIN.

Witnesses:

G. H. GAY,
A. W. BROWN.