

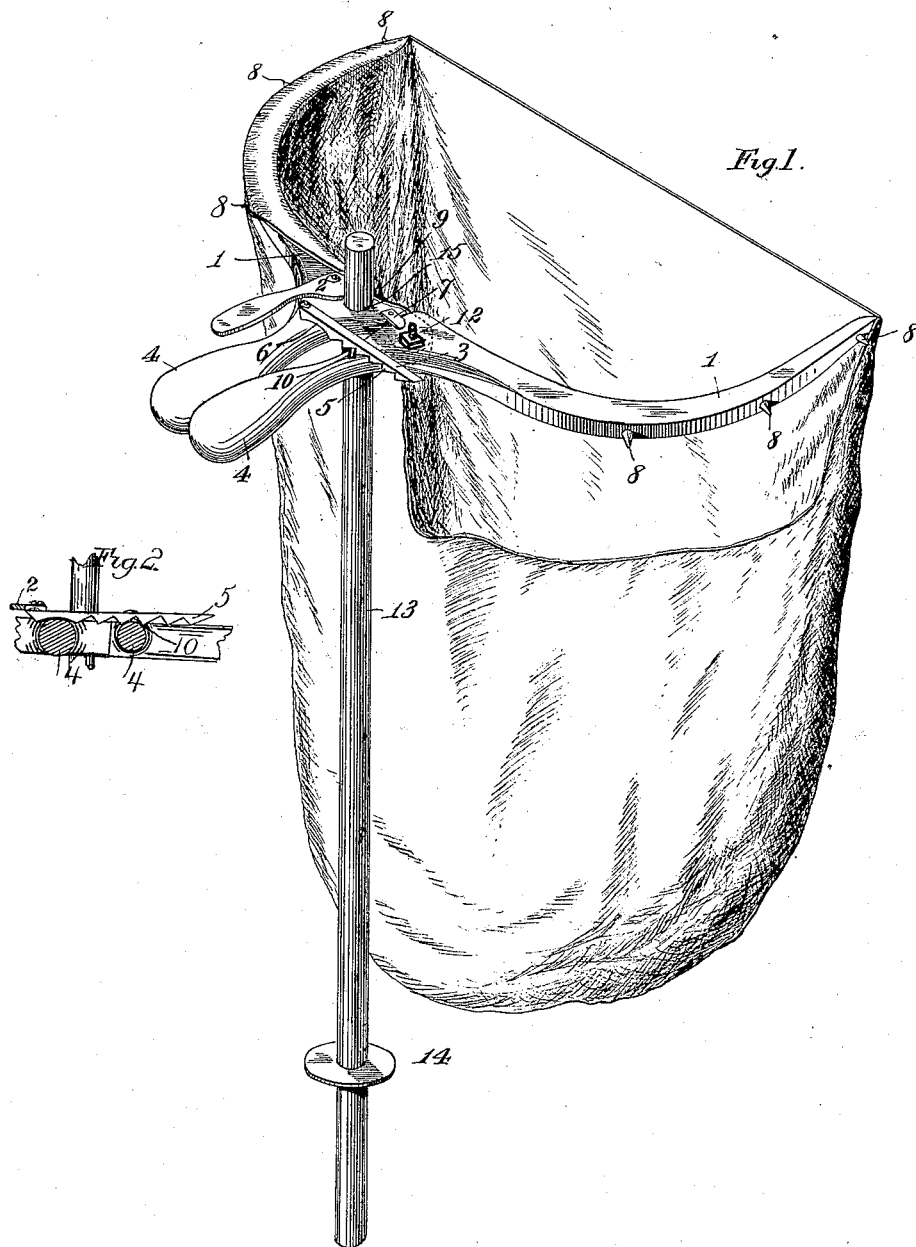
(No Model.)

W. J. BROKER.

BAG HOLDER.

No. 344,078.

Patented June 22, 1886.



Witnesses:

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E. A. Dick

Inventor:

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UNITED STATES PATENT OFFICE.

WILLIAM J. BROKER, OF OSAKIS, MINNESOTA.

BAG-HOLDER.

SPECIFICATION forming part of Letters Patent No. 344,078, dated June 22, 1886.

Application filed January 26, 1886. Serial No. 189,854. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. BROKER, of Osakis, Douglas county, State of Minnesota, have invented certain new and useful Improvements in Bag-Holders, of which the following is a specification.

The object of my invention is to provide a simple, cheap, and reliable bag-holder adapted for use with a standard or support, upon which it may be adjustably mounted, yet capable of removal therefrom for use independently thereof, the standard also being of such construction that it is readily removable from any one locality and as readily placeable for use in a new location.

To these ends the invention consists in the features more particularly hereinafter described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a bag-holder embodying my invention and supporting a bag in position for filling, a part of the bag being cut away; and Fig. 2 is a detail.

In the drawings, the reference-numerals 1 indicate the curved arms, each approaching the quadrant of a circle, though the curve given such arms and the length of the curves are not material. These arms are cut away at their inner ends to form a lap-joint, and are hinged together by a pivot-pin, 12. This pivot 12 may be a nutted or headed bolt, or any other suitable form of pivot, and may be attached to or formed homogeneous with either part, either construction thereof serving to make the two arms readily detachable from each other, when desired. Upon one of the arms a latch, 7, is pivoted in such relation that when turned in one direction the detachment of the two arms is prevented, while when turned in the other direction such detachment is permitted, as shown.

From each arm at its rear end projects a handle, 4, enabling the holder to be grasped in the hand and manually used. Seated upon one of the arms, at about the base of its handle, is a bar, 3, having ratchet-teeth 5 upon its lower side for a greater portion of its length, while preferably it is cut away or reduced, as at 6, near its point of attachment to the arm, so as to render it somewhat springy or resilient. In a corresponding position on the other arm is a

lug or pin, 10, as shown in Fig. 2, upon which the ratchet-teeth 5 take, the two serving to hold the arms open and in the position given them after the bag has been placed upon the arms.

Instead of the bar 3 being provided with ratchet-teeth, it is evident that cavities or recesses may be formed at suitable intervals in the under side thereof to take and catch upon the head of a pin, 10.

From the exterior of each arm projects a number of pins, 8, for taking into the fabric of the bag, that it may be securely held. Upon the rear of the upper face of one or both arms one or more such pins, 9, may be situated, to there catch and hold the bag. In lieu of the pins shown, it is evident that the outer edge of the arms might be serrated for a greater or less distance for the same object. The standard or support 13, for use therewith, is a simple rod of any desired configuration in cross-section, but here shown as round. To it is secured or formed, near its lower end, a projection or washer, 14, which determines the amount of its insertion into an aperture of corresponding form made in a platform, counter, or floor, it being only necessary then to have or to make such an aperture at any desired point of use of the holder to readily remove the holder thereto or therefrom. In one arm of the holder an aperture, 15, of a size and contour just fitting the standard 13, is made, the standard passing therethrough to support the holder. Upon the side of such aperture is pivoted a cam, 2, whose edge, on turning in one direction, takes firmly against the standard, and so grips and retains the holder at such point, while upon turning in the other direction it releases the holder, permitting its adjustment at another point on the standard or its complete removal therefrom.

In operation the holder is secured to the standard at any desired point or at a point suitable for the size of the bag it is to be used with, which preferably would be such point as would enable the bottom of the bag to just reach the floor, platform, or counter. The arms are brought inwardly toward each other, the handles separating at the same time. The arms are then placed in the mouth of the bag by means of the handles being brought toward each other by the user, and said arms are then

spread outwardly till their movement is checked by the bag, into the fabric of which the pins 8 pass. At the same time the teeth 5 of the ratchet-bar have passed over the pin, and, the proper tooth thereof being in contact with the pin, the parts are maintained in proper position with the mouth of the bag fully distended for filling. To release the bag, the bar 5 is lifted or turned from engagement with the pin, when the arms may be contracted for withdrawal from the bag.

When desired, the holder, when secured together with the bag in position, as shown in Fig. 1 of the drawings, may be removed entirely from the standard and used manually, the necessary operation being performed by the operator grasping with one hand the handles 4, while the other hand is free for the filling of the bag.

For transportation or carriage from one point to another, the holder may be removed from the standard, when, the latch 7 being properly turned, the arms are disengaged from the pivot-pin, the entire holder and support or standard forming a small compact package of only three simple pieces.

This construction gives a holder simple, cheap, and reliable, of easy manipulation, capable of use with or independent of a fixed support, while the support is of such character that it is readily removable from or placeable

at any desired locality, the whole consisting of a few simple parts, economical in manufacture, and capable of packing in small compass for safety and ease of transportation.

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

1. The combination, with a standard, 13, and two curved arms removably pivoted together and provided with bag-engaging pins, one of said arms being formed with a socket for engaging said standard, said arms also having handles for operating them, of a cam for locking said arms to the standard at any desired height, and a ratchet-bar and lug for locking the arms at any desired point of separation, as set forth.

2. The curved arms 1 1, having integral handles 4 and bag-engaging pins, and having, also, their inner portions constructed to form a lap-joint, a pivot, 12, a pivoted latch, 7, to lock or unlock the two arms, and the ratchet-bar and lug 5 and 10, attached to the handles, respectively, as and for the purposes set forth.

In testimony whereof I have hereunto set my hand this 21st day of January, 1886.

WILLIAM J. BROKER.

Witnesses:

J. M. MADISON,
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