

W. H. WILLIAMS.
SACK.
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1,031,033.

Patented July 2, 1912.

Fig. 1.

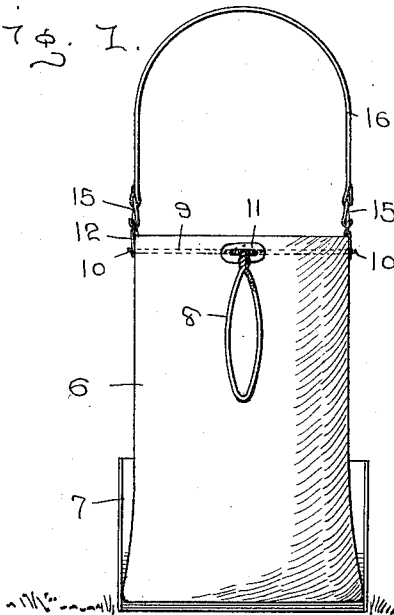


Fig. 2.

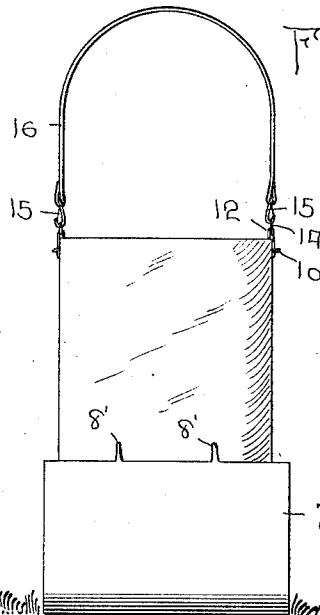


Fig. 3.

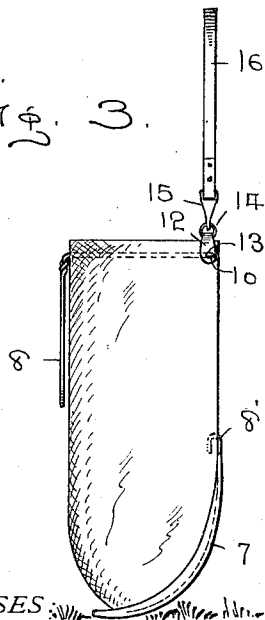


Fig. 4.

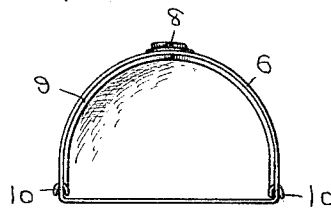
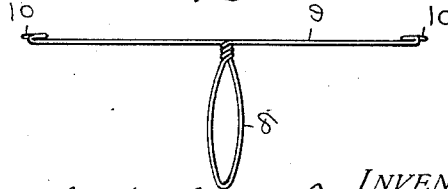


Fig. 5.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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SACK.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM H. WILLIAMS, a citizen of the United States, residing at Statesboro, in the county of Bulloch and State of Georgia, have invented certain new and useful Improvements in Sacks; 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 appertains to make and use the same.

My invention relates to new and useful improvements in cotton pickers' sacks and it more particularly relates to means to be associated with sacks of ordinary construction to hold the same open while being filled and to means for protecting the bottom of the sack or bag while being dragged over the ground.

The object of my invention is to provide means for elevating the mouth of a sack and holding the same in open position, and, a further object of my invention is to provide means for holding the bottom of a sack out of contact with the ground and thereby protecting said bottom from wear.

Other objects and advantages of my invention will be made clearly apparent in the specification and pointed out in the claims. In the accompanying drawings I have shown the preferred form which my invention may take.

In said drawings, Figure 1 is a front elevation of my invention. Fig. 2 is a rear elevation thereof. Fig. 3 is a side elevation thereof. Fig. 4 is a top plan view thereof, and, Fig. 5 is an elevation of the means employed by me for holding the mouth of a sack in open position.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 6 is a sack or bag, which may be of the usual or any desired form. The bag shown in the drawings has a closed lower end and an open upper end.

In order that the lower end of the bag may be protected from wear, I provide a shield or sled 7, preferably formed of sheet metal. Formed on the top and front of the shield are hook-like members 7^a, which are preferably pointed and adapted to be inserted through one side of the sack. The front and bottom of the sled is preferably curved and adapted to extend under the lower end of the sack, the sides of said sled

being preferably upturned so as to form crescent shaped flanges 7', which make it rigid and prevent the sack from slipping sidewise therefrom.

In order that the upper end of the sack may be held open and held upwardly when the sack is not filled, I provide a spreader or device for holding the bag open, said device being preferably formed of wire, which is bent upon itself at its middle point to form a loop or arm which comprises a prop 8. The wire is then twisted together at 8' and is thence extended from the portion 8', in opposite directions, as shown at 9. Each end of the wire is then bent back upon itself and the extreme end thereof is bent transversely of the length of the wire and outwardly to form the hooked ends 10. The hooked ends 10 are preferably pointed.

The bag is provided with a slit near its upper end and the material of the sack around said slit is preferably strengthened by a slitted piece of material 11 secured to said sack so that said slits register.

When it is desired to hold the mouth of the sack open, the loop or prop 8 is inserted through the slit in the upper end of the sack, from the inside thereof, and the elements 9 are then bent until the hooks 10 can be engaged in the material of the sacks, elements 9 being seated against the interior of the bag-mouth. (See Fig. 4.) The arm 8 is approximately at right angles to the plane of the semi-circular spreader 9. (See Figs. 1 and 3.)

I preferably provide the portions of the sack engaged by the hooked ends 10 with apertured ears 12, which are sewed or otherwise secured to the sack at the points where the said hooked ends 10 extend therethrough. Said ears 12 are preferably provided with the apertures 13 therethrough, for the reception of said hooked ends.

The upper ends of said ears may have secured thereto rings 14, which are adapted to be engaged by snap hooks 15 carried at the opposite ends of a strap 16. The strap 16 may be used for carrying or dragging the sack from place to place as the loop or prop 8 coacts with the spreader, with the carrying strap and with the exterior surface of the bag for holding the mouth of the bag approximately level; it being obvious that there is a tendency for the same to droop, being supported at one side only, by the strap. This loop contacts with the side of

the sack at 6', when in use, and holds it in the position shown in Fig. 6. The loop also constitutes a handle by which the bag may be carried after being filled, and it also provides a support which may be hooked over the sides and end gates of an ordinary wagon bed, or the like, and by this means increasing the carrying capacity of the wagon bed.

While I have shown the preferred form which my invention may take, I desire it to be understood that I may make certain modifications therein without departing from the spirit and scope of my invention.

What I claim as new is:

1. In combination with a sack, a combined sack mouth supporter and spreader consisting of ears secured on the sack, suspending means associated with the ears for supporting the sack mouth in elevated position, and a semi-circular spreader having each of its ends formed into a hook and having its middle portion formed into an arm which stands at right angles to the plane of the semi-circular portion, said sack and ears having registering apertures, said spreader being fitted within the mouth of the sack and having its hooks extending through the registering apertures and having its arm in contact with a side of the sack, and thereby supporting the mouth of the sack in approximately horizontal position.

2. In combination with a sack having apertures near its top, a combined sack mouth supporter and spreader consisting of apertured ears secured on the sack with their apertures in registration with certain apertures of the sack, suspending means associated with the ears, a semi-circular spreader carrying a pair of hooks and having a depending supporting member formed near its middle portion, said spreader being fitted within the mouth of the sack and having its hooks extending through the apertures of the ears and of the sack, said supporting member extending outwardly through the apertured sack and thence downwardly and adapted to contact with the outer surface of the sack and to coact therewith and with the spreading means for supporting the mouth of the sack in approximately horizontal position.

3. In combination with a sack having apertures adjacent to its mouth, a combined sack mouth supporter and spreader consist-

ing of apertured ears secured on the sack with their apertures registering with certain apertures of the sack, suspending means connected to the ears, a curved spreader having each of its ends formed into a hook, the curved portion of said spreader being fitted within the mouth of the sack and having its hooks extending through the apertures of the ears and of the sack, said arm extending outwardly through an aperture of the sack and thence downwardly and adapted to contact with the outer surface of the sack and coacting with the suspending means and with the side of the sack for supporting the mouth of the sack in approximately horizontal position.

4. In combination with an apertured sack adapted to be dragged, a combined supporter and spreader consisting of apertured ears secured on the bag with their apertures registering with certain apertures of the sack, suspending means connected to the ears, a curved spreader carrying hooks at its ends and carrying a depending supporting element, said spreader being fitted within the mouth of the bag and having its hooks extending through the apertures of the ears and of the sack, said supporting element being in cooperative relation with the side of the sack and with the spreader and the suspending means for supporting the mouth of the bag in approximately horizontal relation when being dragged.

5. In combination with an apertured sack, and means whereby said sack may be dragged, a spreader seated within the mouth of the sack and having engagement with said means, said spreader carrying a supporting element which extends through the sack and thence downwardly at an angle to the plane of the spreader and coacting with the exterior surface of the sack and with the spreader and with the first said means for supporting the mouth of the sack in approximately horizontal position when the sack is being dragged.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM HENRY WILLIAMS.

Witnesses:

JAS. H. ST. CLAIR,
W. W. D. LOOCH.