Nov. 2, 1948. W. H. BACKS 2,452,826

SACK HOLDER

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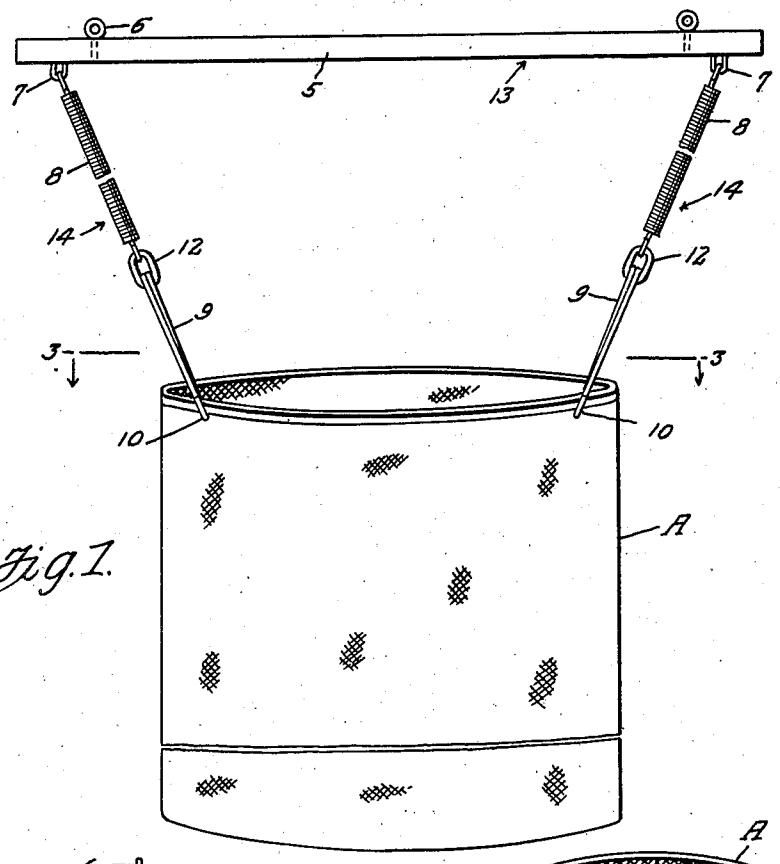


Fig. 1.

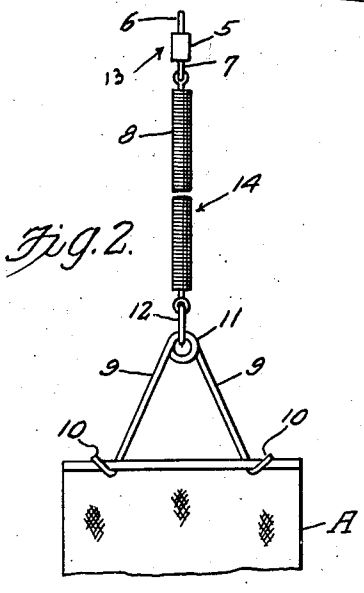


Fig. 2.

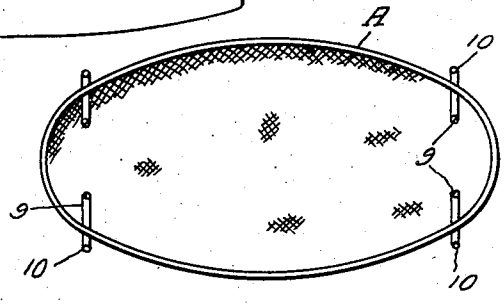


Fig. 3.

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SACK HOLDER

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2 Claims. (Cl. 248—95)

1

This invention relates to a novel and improved holder for cloth and equivalent sacks and bags, the same being adapted to suspend the sack with the mouth sufficiently open to facilitate convenient filling of the sack with grain, sand and similar granular materials and the like.

Needless to say, I am aware that sack holders and cutters are not broadly new, that there are many and varied types patented, marketed and in use.

The purpose of the present invention is to structurally, specifically and otherwise improve upon known sack and bag holders, this being accomplished through the medium of an unusually simple and practicable structure.

Another purpose of the invention is to provide a bag holder characterized by a simple hanger bar, this being provided with depending suspension devices, these being yieldable and provided with spreaders for engaging and holding the mouth of the bag in open and readily available unobstructed position.

Other objects, features and advantages will become more readily apparent from the following description and the accompanying illustrative drawings.

In the drawings, wherein like numerals are employed to designate like parts throughout the views:

Figure 1 is an elevational view of a bag or sack holder and spreader as constructed in accordance with the principles of the present invention.

Figure 2 is an end view of the same, that is a view observing the structure of Figure 1 in a direction from either right to left or left to right, as the case may be.

Figure 3 is a horizontal section on the plane of the line 3—3 of Figure 1 looking in the direction of the arrows.

Referring now to the drawings by distinguishing reference numerals it will be seen that the sack or bag, which is conventional, is denoted by the letter A. The holder is a simple assemblage characterized, as before indicated by a horizontal wooden or equivalent bar 5, this being a hanger having appropriate dimensions and length. It is provided at opposite ends with eye-bolts 6 to facilitate attachment to a relatively stationary wall, ceiling or other part. On its underside and outwardly of the eye-bolts it is provided with U-staples 7 to accommodate eyes on the upper ends of the duplicate coiled springs 8. These coiled springs together with the devices which attach directly to the mouth of the bag constitute yieldable suspension devices. The attaching devices are of wire or equivalent material and are of inverted V-shaped form and each includes downwardly diverging limbs (see Figure 2) denoted by the numeral 9, these terminating at their lower ends in hooks 10 which suitably engage the mouth of the bag as shown. Each bag attaching device includes, at its crotch portion a coiled spring 11 to which a link 12 is connected, the link in turn being connected to the lower end of the adjacent coiled spring 8.

2

It is obvious that the hanger means of the unit is denoted by the numeral 13, while the suspension devices, as individual units are denoted by the numerals 14. The devices converge and when well attached to the bags serve to stretch the mouth in unobstructed open position for reception of the load. With the mouth wide open it is possible to shovel sand or other granular material into the bag with expediency and convenience.

It is believed that a holder of the type herein shown and described is efficient, reliable, sturdy and strong, is easy to put in use, and otherwise amply fulfills the requirements of a structure of this type.

A careful consideration of the foregoing description in conjunction with the invention as illustrated in the drawings will enable the reader to obtain a clear understanding and impression of the alleged features of merit and novelty sufficient to clarify the construction of the invention as hereinafter claimed.

Minor changes in shape, size, materials and rearrangement of parts may be resorted to in actual practice so long as no departure is made from the invention as claimed.

I claim:

1. A bag holder of the class described comprising a horizontally elongated hanger bar provided with means for attachment to a relatively fixed support, and a pair of duplicate depending bag engaging, spreading and suspending devices, each device comprising an elongated coiled spring swingably connected at its upper ends to an adjacent end portion of said bar, and also including an inverted V-shaped bag engaging and spreader unit connected by a link to the adjacent lower end of the elongated coiled spring, each device being of wire formation, the wire being bent between its ends to provide a combination eye and spring, the ends being bent to outwardly and downwardly diverting relationship and the terminals thereof being fashioned into hooks for releasable connection with the mouth portion of the bag.

2. A bag holder of the class described comprising a rigid hanger bar provided at outside end portions with means to facilitate attaching said bar to a relatively fixed support, and a pair of duplicate depending bag-spreading and suspending devices, one device for each end portion of said bar, each device comprising a coiled spring pivotally connected at its upper end to a coacting end portion of said bar, each device also including an inverted substantially V-shaped bag grappling and spreader unit, the latter having its crotch portion formed into a combination eye and spring, the free ends of the diverging limbs being formed into hooks adapted to releasably connect with the mouth portion of the bag, and

means for hingedly connecting the combination eye and spring with the lower end of the coacting spring.

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