

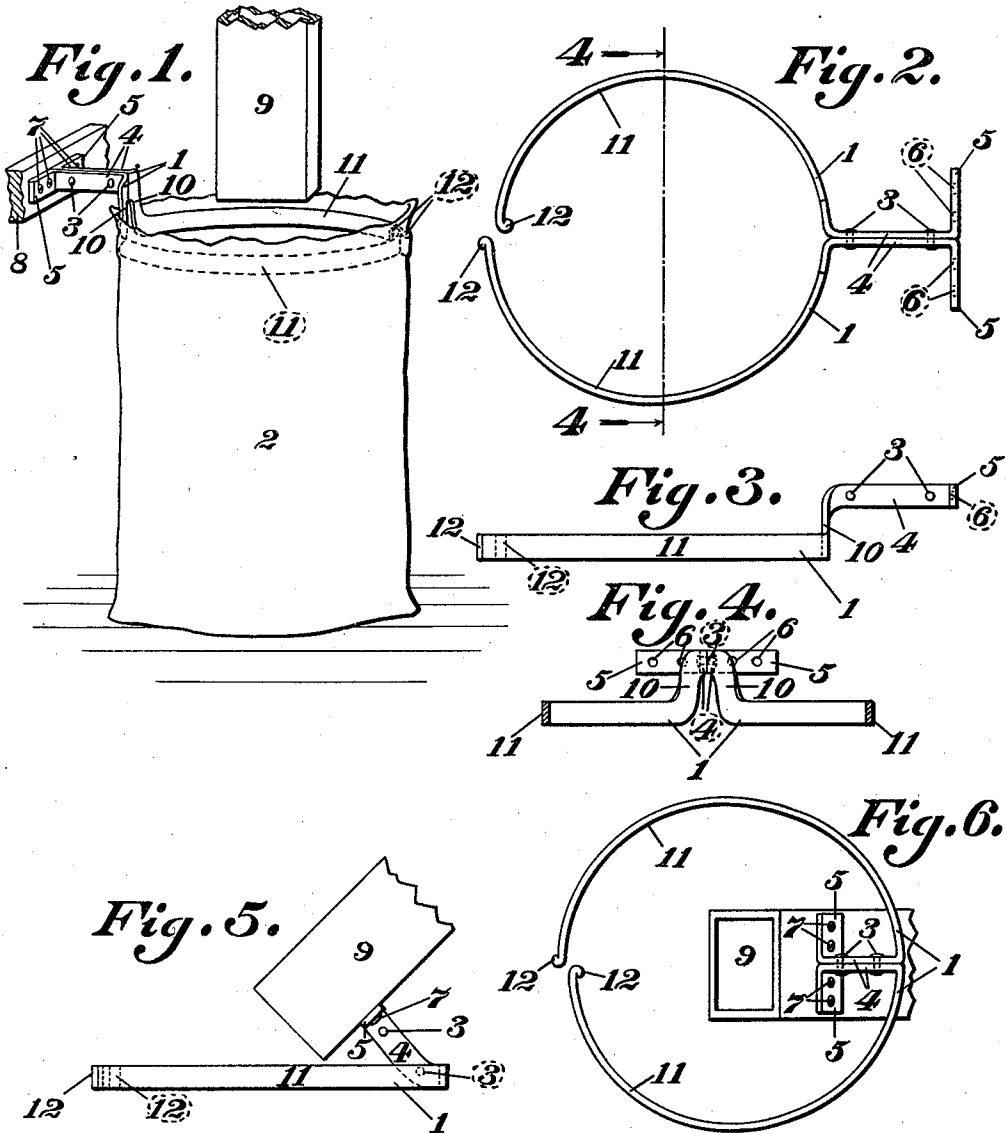
C. McCORMICK.

BAG HOLDER.

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1,008,657.

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Witnesses:

William H. Bruesche.

Harry H. Peiss.

Inventor:

Charles McCormick,
By Hugh W. Wagner,
His Attorney.

UNITED STATES PATENT OFFICE.

CHARLES McCORMICK, OF ST. LOUIS, MISSOURI.

BAG-HOLDER.

1,008,657.

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To all whom it may concern:

Be it known that I, CHARLES McCORMICK, a citizen of the United States, residing at the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Bag-Holders, of which the following is a specification.

This invention relates to bag holders and has for its object to provide an improved bag holder that is particularly adapted to be used for the purpose of holding a bag or sack open while cement, grain, or any other material is fed thereinto either by hand or by a spout, conveyer, or other suitable means.

With this object in view the present invention consists in the novel construction, combination, and arrangement of parts as hereinafter more fully described and pointed out in the claims.

In the accompanying drawings forming part of this specification, in which like numbers of reference denote like parts wherever they occur, Figure 1 is a perspective view of my improved bag holder with a bag held open thereby, and a spout for discharging the material into the bag; Fig. 2 is a top plan view of the bag holder; Fig. 3 is a side elevation of same; Fig. 4 is a sectional view on the line 4-4, Fig. 2; Fig. 5 is a side elevation of an alternate form of bag holder in conjunction with a spout for discharging the material into a bag; and Fig. 6 is a bottom plan view of same.

The bag holder is preferably formed of two flat metal bars 1 or the like having sufficient resiliency to hold a bag or sack 2 open in the manner hereinafter described. It is preferable to use bars that are approximately the same length and to secure same together at intermediate portions thereof by means of rivets 3 or the like or, if desired, by welding. The ends of each bar 1 that are adjacent the riveted parts 4 are bent apart from each other so as to form ears or lugs 5, in which openings 6 are formed to allow screws 7 or the like to pass there-through for the purpose of securing the bag holder to a suitable support 8. The bag holder is thus held in the proper position to hold a bag or sack 2 open, so that material such as cement, grain, etc., can be fed into the bag or sack either by hand or by a spout 9 or other suitable means.

The riveted parts 4 may extend substantially horizontally as depicted in Fig. 1 or

may incline at any desired angle to the horizon. Adjacent the riveted parts 4 the bars 1 are bent apart so as to extend directly opposite from each other and are then bent downwardly to form offsets 10. From the offsets 10 the remaining parts of each bar 1 are bent in semi-circular or other configuration in order to form spring arms 11, which preferably extend substantially horizontally with the flat sides thereof upright. The arms 11 form a circular or other configuration and the ends 12 thereof meet or nearly meet approximately opposite the riveted part 4. The arms 11 are bent so that the end 12 of one is a little out of arcual alinement with the end 12 of the other, whereby said ends can pass each other when the arms 11 are sprung together to allow the mouth of a bag or sack 2 to be stretched there-around. In order to prevent the ends 12 from becoming caught upon each other, when the arms 11 are sprung together, and, also, to prevent the ends 12 from tearing the bag or sack, said ends are preferably rounded.

In order to attach a bag or sack 2 to the bag holder, the bag or sack is placed beneath the spring arms 11 and one side of the mouth of the bag or sack is held against the outside faces of the offsets 10 so that parts of each arm 11 project into the bag or sack, after which, with both hands, the operator draws the mouth of the bag or sack in place along the outer faces of each arm 11 and toward the ends 12, and at the same time presses the arms 11 toward each other. After the mouth of the bag or sack 2 has been drawn in place completely around the spring arms 11, said arms are released in order to return to their initial positions or nearly so, whereby said arms stretch the mouth of the bag or sack open and hold same open until the operator presses said arms toward each other in order to release the mouth of the bag or sack after the latter is filled. While the bag or sack 2 is held open in the manner hereinabove described, the bottom of the bag or sack rests upon the floor or other support, so that the material that enters the bag or sack is supported entirely by the floor or other support, thereby preventing the mouth of the bag or sack from being pulled away from the spring arms 11.

The spout 9 may extend either vertically or at any desired angle to the vertical and, if desired, the bag holder can be attached

directly to said spout instead of being attached to a support 7. When, however, the bag holder is fastened to a spout 9, the off-sets 10 can be omitted entirely and the spring arms 11 can be bent to extend from riveted parts 4, and said riveted parts can extend horizontally between said arms or can incline at any desired angle to the horizon, as depicted in Fig. 5.

From the foregoing description it will be readily seen that a strong, durable, and efficient bag holder that can be manufactured cheaply is provided, the uses of which are evident.

I claim:

1. A bag holder composed of a pair of substantially semi-circular expansive members having their outer ends disposed adjacent each other and having their intermediate portions extended parallel in contacting relation and rigidly secured to each other, the inner ends of said parallel portions of said members being turned downwardly and the outer ends thereof being turned out-

wardly in opposite directions to extend at right angles to said parallel portions and being formed with openings to receive fastening means.

2. A bag holder composed of a pair of curved expansive members having their outer ends disposed adjacent each other and having their intermediate portions extended parallel in contacting relation and rigidly secured to each other, said parallel contacting portions of said arms extending beyond said curved expansive members and having their outer ends turned outwardly in opposite directions to provide means of attachment to a support, said outwardly extending ends lying in a plane above the plane in which the expansive members lie.

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

CHARLES McCORMICK.

Witnesses:

GLADYS WALTON,
GEORGE G. ANDERSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
