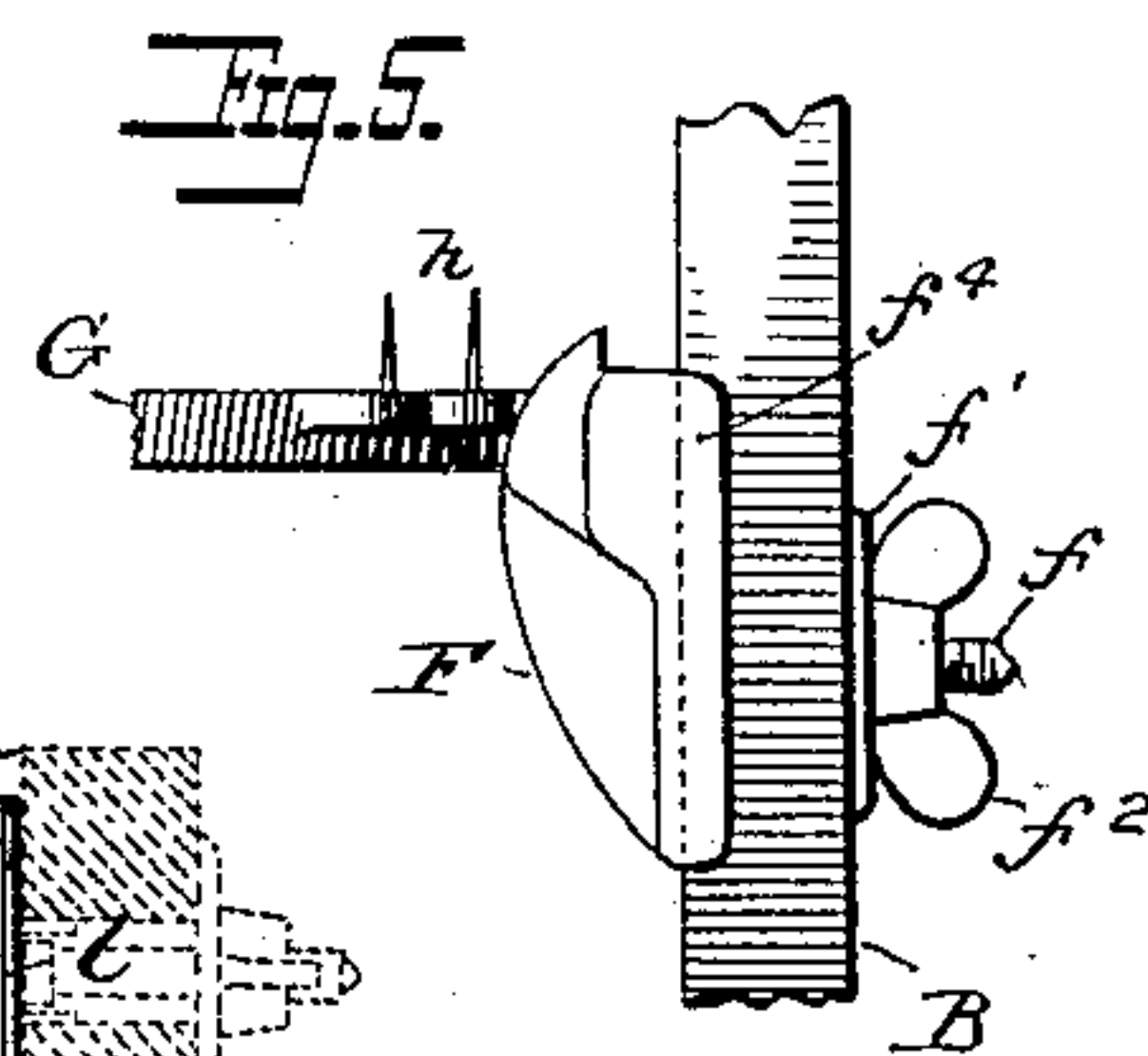
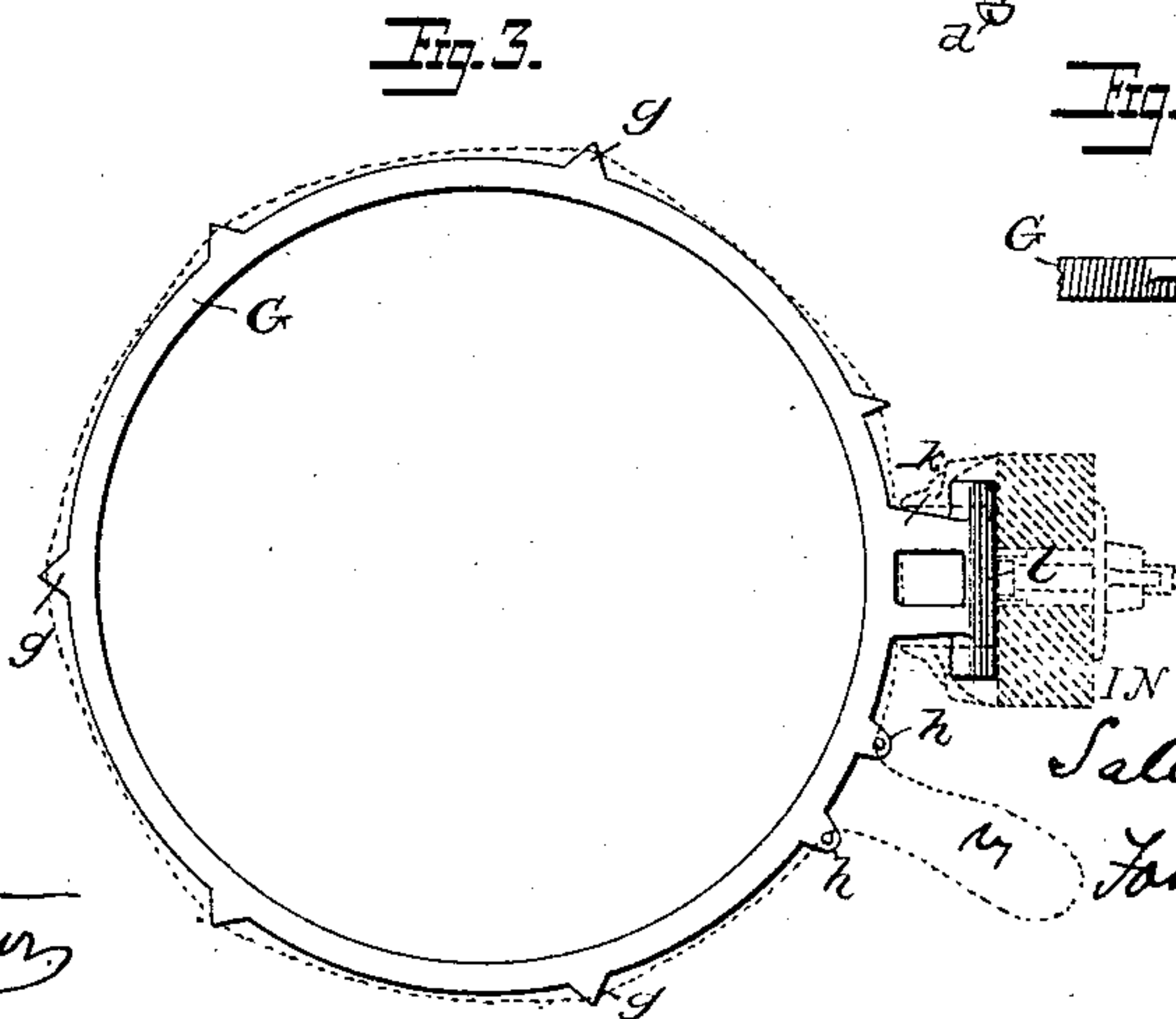
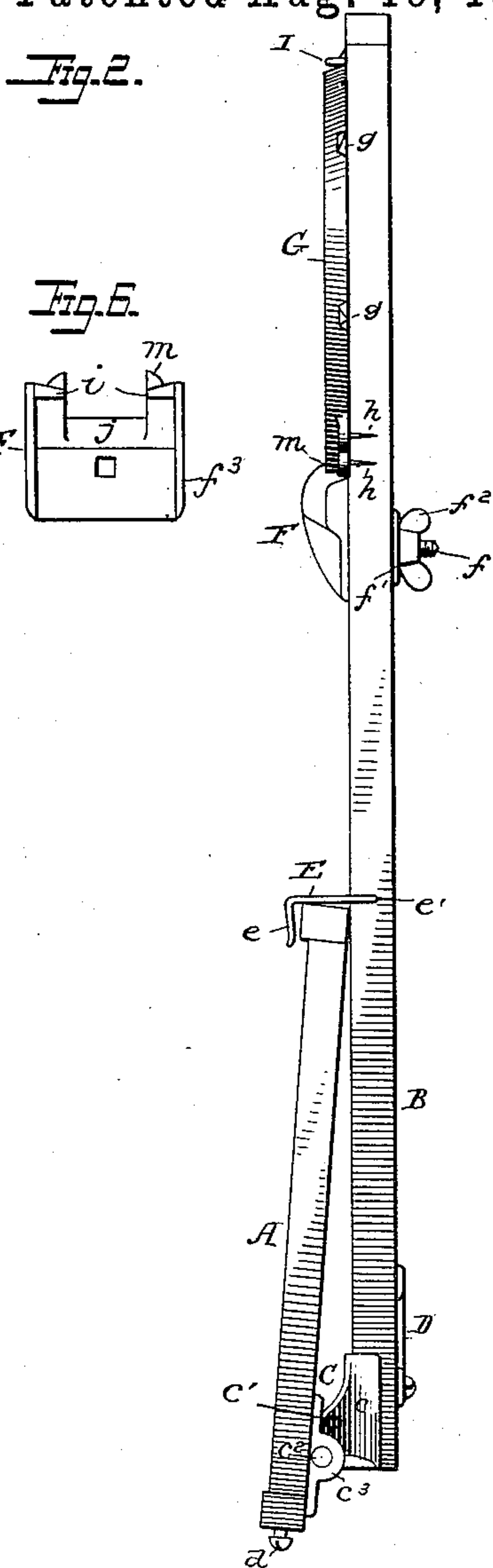


S. T. LAMB.
SACK HOLDER.

Patented Aug. 19, 1890.



INVENTOR

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UNITED STATES PATENT OFFICE.

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SACK-HOLDER.

SPECIFICATION forming part of Letters Patent No. 434,514, dated August 19, 1890.

Application filed May 19, 1890. Serial No. 352,300. (No model.)

To all whom it may concern:

Be it known that I, SALEM T. LAMB, a citizen of the United States, residing at New Albany, in the county of Floyd and State of Indiana, have invented certain new and useful Improvements in Sack-Holders, of which the following is a specification.

My invention relates to sack or bag holders, and more particularly to that class of holders which are portable and which can be adjusted to support sacks or bags of different sizes and to hold them in position while they are being filled, and the object of my invention is to improve and simplify such sack-holders and at the same time produce a device that is efficient in operation and may be folded into a compact form for transportation or storage.

To these ends my invention consists in the sack-holder constructed and arranged substantially as hereinafter set forth.

Referring to the accompanying drawings, forming part of this application, Figure 1 is a side view, partly in section, of the preferred embodiment of my invention in position for use. Fig. 2 is a similar view of the holder folded for transportation or storage. Fig. 3 is a plan view of the bag-holding hoop or ring detached. Fig. 4 is a detail enlarged view of the hinge-connection between the base and standard; and Fig. 5 is a detail of a modified form of device for supporting the hoop. Fig. 6 is a rear view of the block supporting the ring removed from its standard.

In the drawings, the base A may be of any desired material, size, and configuration, and mounted upon the base, preferably at one side, is the standard B. This standard is connected to the base in such a manner as to be rigidly maintained in its vertical position when desired for use, and when out of use to be tilted and lie practically parallel with the base, and while various means may be used for accomplishing this purpose I have shown a hinged connection which I have found exceedingly useful for this purpose. This connection consists of a casting C, having a socket provided with ribs c , embracing the standard B, and provided with wings c' , extending laterally and slightly forward of the line of the standard. The ends of these wings are provided with pivots or bearings c^2 , and

the whole may be secured to the base by two small cast boxes c^3 , embracing the bearings c^2 and holding them in position. The base of this casting is expanded between the wings so as to form a sufficiently rigid base to maintain the standard against the lateral pressure when in its upright position, and it is further supported in this position by means of a hook D, attached to the standard and engaging a pin d in the base. I have found that this construction furnishes a simple yet effective support for the standard, and at the same time permits it to be readily swung down into line with the base when it is desired, and in order to hold the base and standard together in this position I provide a hook E, having a point e engaging the bottom edge of the base, and a bent portion e' , inserted into the body of the standard and forming a pivot for the hook.

It is desirable that the sack or bag being filled should be supported at such a height that its bottom will just rest upon the base, and in order to provide for the use of the holder with different-sized bags I provide means for adjusting the bag at different heights. Thus the standard is slotted at b , and a head or block F is provided to form a support for the hoop and to be adjustable on the standard. This block is provided with a bolt f , passing through the slot, and upon the bolt is mounted a suitable washer f' and thumb-nut f^2 , and in order to keep the block in proper alignment it is provided with a rib or flange f^3 , projecting into the slot b . Sometimes, however, it is preferable to provide flanges f^4 (see Fig. 5) on the outside of the head to embrace the outer edges of the standard; but in either event the result is the same, and the head is freely adjustable on the standard and can be secured at any height and prevented from twisting or turning under stress of the bag or otherwise. Supported in this adjustable head or block is the ring or hoop, to which the bag or sack is attached. This ring or hoop G is provided with a number of lateral-projecting points g and with two vertically-projecting pins h , arranged adjacent to each other, and these points and pins serve to maintain the bag or sack in position. When the bag is applied, the mouth of the bag is secured to one of the pins h and

then carried around the hoop and secured to the points *g* until the other pin *h* is reached, when the edge of the bag is impaled upon the pin, and the surplus material in the bag lies
 5 freely between the two pins. In this way it will be seen that bags or sacks of various sizes may be equally well supported upon the hoop, as the hoop is large enough to form a proper opening to the bag for the purpose
 10 of filling and directing the material therein, while the surplus lies in a fold or otherwise between the upright pins.

In order to properly direct the material into the bag through the hoop, I preferably provide a hopper *H*, which has a flaring mouth, as shown, and is provided with projecting extensions or rim *H'*, fitting inside the hoop to support the hopper in position. One edge of this hopper (that nearest the workman while
 15 filling the bag) is cut away, so that the material may more easily be thrown into the hopper and directed into the sack.

In order to furnish a good support for the ring or hoop, the block *F* is provided with
 25 flanges *i* and is cut away in front to form a bearing *j*, and the hoop is provided with an extension *k*, having laterally-projecting bearings *l*, engaging the flanges *i*, and thus the hoop is maintained in a horizontal position
 30 by bearing downward on the edge *j* and upward by means of the projections *l* against the flanges *i*.

When the apparatus is to be folded, the hoop is tilted up against the standard and the pivots or projections *l* slide downward into the
 35 block, and the hoop rests on the upper portions of the flanges *i* and are held in position by the projecting corners *m*; but in order to insure the hoop being held in this position
 40 against displacement I also provide a staple or eyelet *I* at the top of the standard, into which one of the points *g* is inserted and the blocks forced upward so as to securely clamp the hoop between the staple *I* and the block,
 45 and then the thumb-nut is tightened to hold the parts together.

From the above it will be seen that I provide an exceedingly simple and portable bag-holder which can be adjusted for bags of various
 50 lengths and for various sizes, and then the parts can be secured in their folding position so as not to be liable to damage in transportation or storage.

While I have described what I consider to be the most advantageous embodiment of the various features of my invention, it is evident
 55 that I am not limited to the precise construction and arrangement shown, as these may be varied by those skilled in the art without departing from the spirit of the invention. 60

What I claim is—

1. A bag-holder having a base and a standard mounted at one side thereof, the base and standard being united by a hinge having
 65 flanges engaging the standard and laterally-extending wings for securing it to the base, a hook on the standard engaging a pin on the base for locking the standard in upright position, and a pivoted hook on the standard
 70 engaging the edge of the base to hold the base and standard together in their folded condition, substantially as described.

2. In a bag-holder, the combination, with a slotted standard, of a block adjustably
 75 mounted therein and a hoop pivotally mounted in the block, the block being provided with flanges *i* and edge *j*, and the hoop being provided with projections *l*, engaging the flanges, whereby the hoop may be held in a horizontal
 80 or vertical position, substantially as described.

3. In a bag-holder, the combination, with the standard provided with a staple at its upper end, of the supporting-block adjustably
 85 mounted on the standard, a hoop for supporting the bag pivotally mounted in the block and provided with laterally-projecting points, one of which points is arranged to engage with the staple in the standard to maintain the
 90 ring parallel therewith, substantially as described.

4. In a bag-holder, the combination, with a base and standard pivotally mounted thereon at its edge, of a bag-supporting hoop connected
 95 with the standard, whereby the base and hoop may be folded parallel with the standard, and hooks for supporting the standard in its elevated position and when folded parallel with the base and hoop, substantially as described.

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

SALEM T. LAMB.

Witnesses:

ED. F. TRUNK,
 T. M. SCALES.