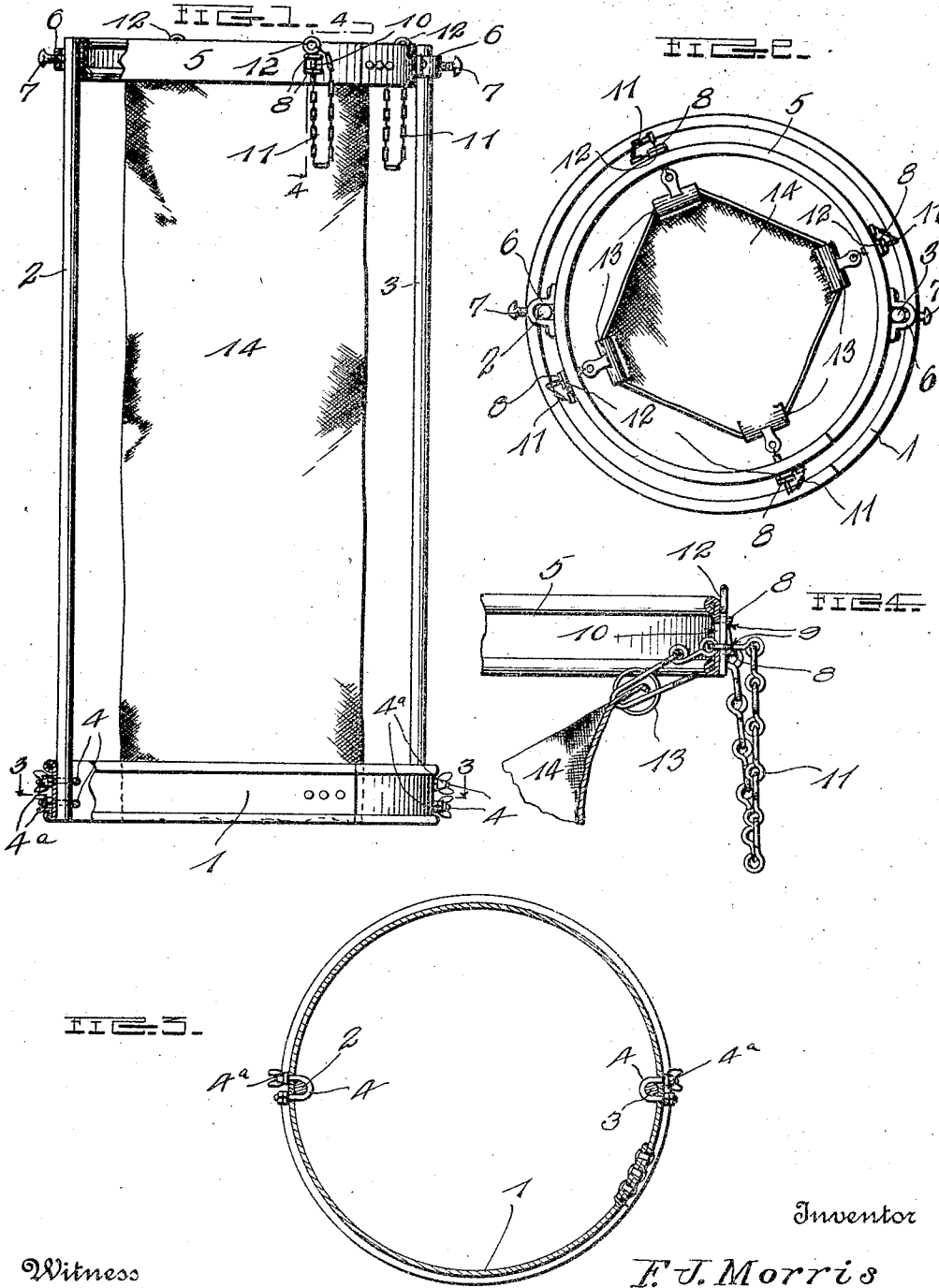


F. J. MORRIS.
BAG HOLDER.

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1,378,050.

Patented May 17, 1921.



Witness

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FIELDS J. MORRIS, OF DURANGO, COLORADO.

BAG-HOLDER.

1,378,050.

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To all whom it may concern:

Be it known that I, FIELDS J. MORRIS, a citizen of the United States, residing at Durango, in the county of La Plata and State of Colorado, have invented certain new and useful Improvements in Bag-Holders; and I do 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.

This invention relates to improvements in bag holders such as are used to hold bags in position while they are being filled.

The primary object of the invention is to produce a device of this type which can be easily and readily adjusted to support bags or sacks of various diameters and heights.

Another object of the invention is to produce a bag holder which is extremely simple in construction, strong, durable, effective in operation, and inexpensive to manufacture.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same;

Figure 1 is an elevation, partly in section, of a sack holder constructed in accordance with my invention.

Fig. 2 is a top plan view thereof.

Fig. 3 is a section on the plane of the line 3-3 of Fig. 1.

Fig. 4 is an enlarged detail sectional view on the plane of the line 4-4 of Fig. 1.

In the drawings, wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 1 designates a base or ring which is preferably made of any light material, such as for instance, sheet metal, and which rests on the floor or surface. At points opposite each other and disposed inside the ring 1 are a pair of perpendicular uprights or rods 2 and 3, which may be made from ordinary one-half inch gas pipes. The pipes or uprights are detachably secured in place on the rings by means of a series of U-bolts 4 and wing nuts 4^a. While I have shown U-bolts, I wish it to be understood that any other suitable means may be employed for the purpose, my idea being to permit the standards 2 and 3 to be removed or knocked-down for shipping and storing, etc. I also employ a bag supporting rim or ring 5 which may be made of any suitable light

material. By preference, it is also to be made of sheet metal. At points opposite each other and rigidly connected to the bag supporting band 5 are U-straps or eyes 6 which fit on the standards 2 and 3 and are vertically slidable thereon. Set screws 7 pass through the eyes 6 and co-act with standards to hold the band 5 at any desired point on the standards. At circumferentially spaced points around the ring 5 stamp out the metal to simultaneously form openings 10 and ears 8 the latter of which are apertured as shown at 9. Chains or other flexible elements 11 are freely slidable through the openings 10. Carried by one end of each of the chains 11 is a locking pin 12 which serves to lengthen or shorten the chains as may be necessary or desired. It is obvious that this feature will be accomplished by passing the pin downwardly through the apertures 9 in the ears 8 and then through one of the links of the chain 11 thus holding the chain in any position to which it is adjusted. Secured to the inner end or extremity of each of the chains is a bag engaging spring clamp 13, which grips the edge of the sack or bag 14, thereby holding the mouth of the sack open while it is being filled. Then the bag engaging members 13 may be readily adjusted to the proper position to engage bags of various diameters. I do not want to limit myself to any particular type of clamp, however, I find it convenient to employ ordinary paper clamps. Inasmuch as these clamps are marketed and used to a great extent, it is not thought that a description of their construction is necessary.

It should be noted, that when the parts are in proper or working position the uprights 2 and 3 are disposed on the inside of the bottom ring 1 at their lower ends and on outside of the upper ring 5 at their upper ends, which construction forms a substantially stable and rigid frame.

In use the bag 14 is placed in position as shown in Fig. 1 and the bag supporting band or ring 5, is adjusted to suit the height of the sack, and the chains 11 adjusted according to the diameter of the sack, care being taken that the weight of the bag should rest on the floor. After the sack has been filled the spring tooth bag engaging clamps 13 may be released and the whole frame lifted from the already filled sack

and placed in position for a similar operation.

A bag holder of the above construction will be effective in its use, and will be light
5 to carry thereby permitting it to be moved from place to place with ease. It is also collapsible, thereby permitting all the parts to be readily disconnected and stored out of the way when not in use.

10 Because of the width of the ring 1 and the peculiar method of attaching the standards to this base a slight vertical adjustment of the standards may be had if needed. However, this method of adjustment will
15 rarely be needed.

It is to be understood that the form of my invention herein shown and described is to be taken as a preferred form of the same and that various changes in the shape,
20 size, and arrangement of parts may be resorted to without departing from the spirit

of the invention or the scope of the subjoined claim.

Having thus described my invention, what I claim is: 25

A bag holder comprising a supporting frame including a sheet metal ring provided at circumferentially spaced points with openings, above and below which are horizontal apertured ears extending laterally
30 outward from the ring, chains secured to the latter below the lower ears, and passing freely inwardly through the aforesaid openings, bag engaging clamps on the inner ends of the chains, and pins to extend through
35 the apertures in the ears and one of the links of the adjacent chain, permitting the clamps to be adjusted to different positions to accommodate bags of various diameters.

In testimony whereof I have hereunto set
40 my hand.

FIELDS J. MORRIS.