

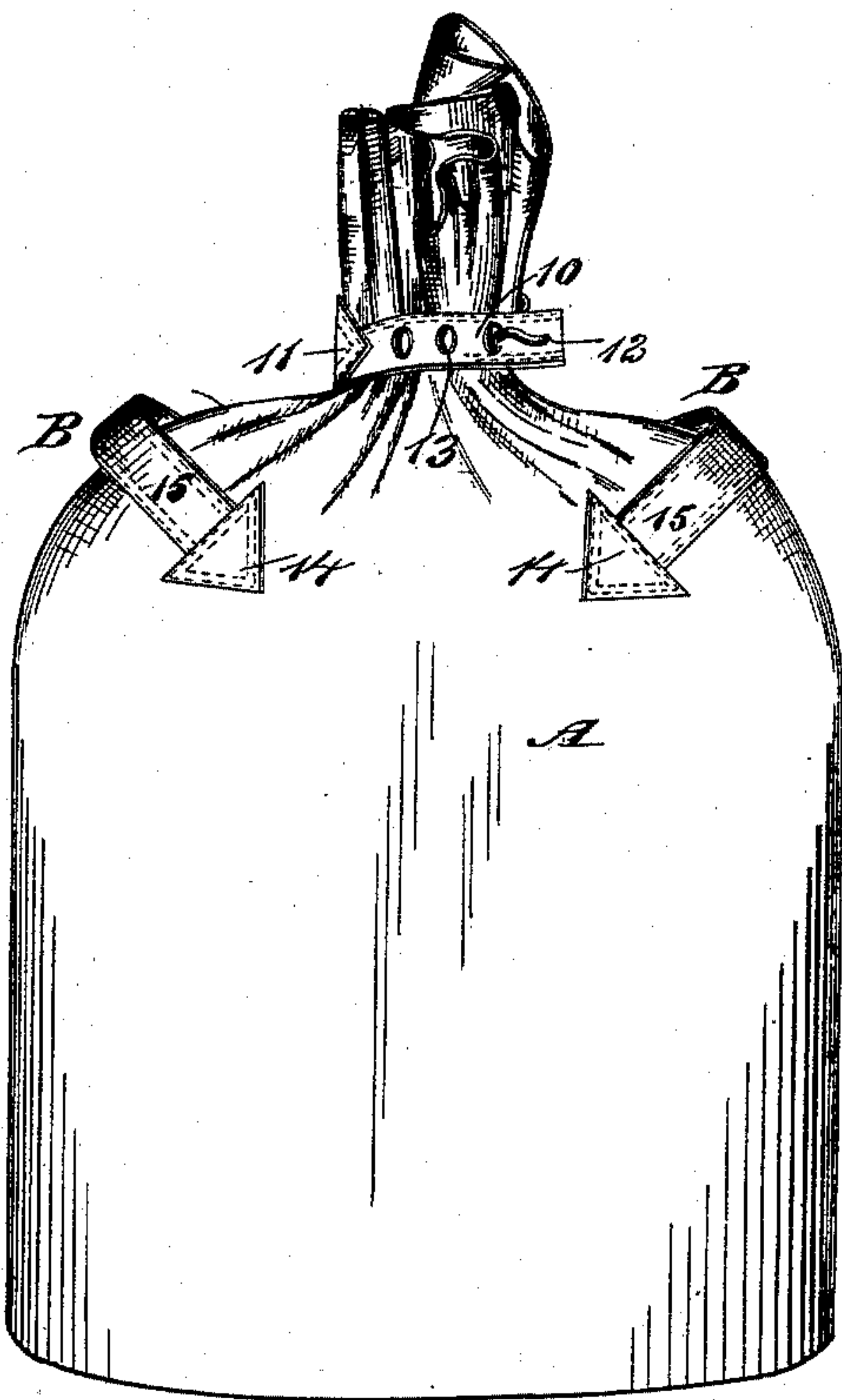
(No Model.)

H. V. W. STIVERS & J. HOAGLAND.  
SACK.

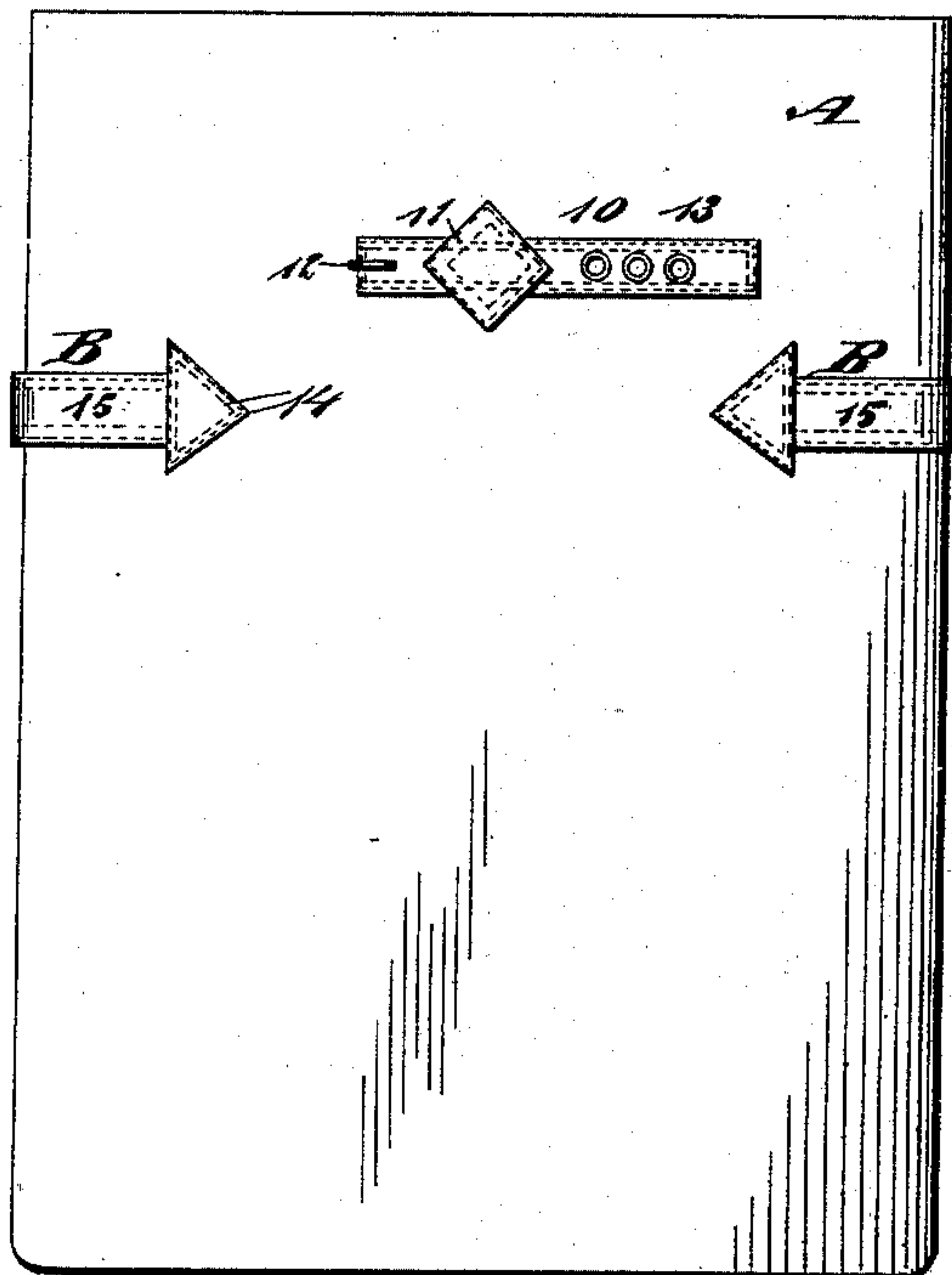
No. 483,402.

Patented Sept. 27, 1892.

*Fig 1.*



*Fig 2.*



WITNESSES:

*A. H. Oak.*  
*C. Sedgwick*

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# UNITED STATES PATENT OFFICE.

HARRY V. W. STIVERS AND JAMES HOAGLAND, OF CAMDEN, NEW JERSEY.

## SACK.

SPECIFICATION forming part of Letters Patent No. 483,402, dated September 27, 1892.

Application filed March 2, 1892. Serial No. 423,463. (No model.)

*To all whom it may concern:*

Be it known that we, HARRY V. W. STIVERS and JAMES HOAGLAND, of Camden, in the county of Camden and State of New Jersey, have invented a new and useful Improvement in Sacks, of which the following is a full, clear, and exact description.

Our invention relates to an improvement in sacks, especially to sacks adapted for holding grain, and has for its object to provide a sack with a tie capable of being expeditiously and conveniently manipulated and which when in the tied position will effectually and securely close the mouth of the sack.

Another object of the invention is to produce a tie which shall be durable, strong, and economic and to provide the body of the sack at opposite sides with handles to facilitate moving a filled sack from place to place.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a side elevation of the improved sack, illustrated as filled and the mouth as secured by our improved tie; and Fig. 2 is a side view of the sack, showing it empty.

Upon one side of the sack A, a predetermined distance from its upper edge, a band 10 is located, which band is attached to the sack in any suitable or approved manner between the center of said band and one end. The band may be made of any desired material; preferably, however, heavy drilling-cloth or light-weight duck is employed for that purpose, and the strip from which the band is thus made is ordinarily folded to three or four thicknesses, is generally made about six inches in length, and is about three-quarters of an inch broad; but the dimensions may be varied as occasion may demand. In some cases it may be advisable to construct the band of leather, and the band, as heretofore stated, is attached between its center and one end to the body of the sack. This attachment may be made through the medium of

rivets or their equivalents; but ordinarily the attachment is made by sewing or stitching the band to place. When this latter mode of connection is employed, a diamond-shaped reinforcing-strip 11 is preferably used, placed transversely of the band upon its outer face, the stitching running through this reinforcing-strip and through the band and the side of the sack. At the shorter end of the band, which is usually the left-hand end, a hook 12 is secured, and at the opposite or right-hand end a series of apertures 13 is produced, the apertures being preferably eyeletted, as illustrated; but we desire it to be distinctly understood that the equivalent of a hook may be substituted therefor and that the reinforcing-strip 11 may be made of leather or of any desired material.

The sack is provided with two handles B. These handles are so located upon the sack that when it is folded with that face having the tie secured thereto either uppermost or underneath, the handles will be at opposite edges and will extend over upon both side faces of the sack across its side edges, as shown in Fig. 2. These handles may be of any suitable or approved construction, and ordinarily the material employed is the same as that from which the tie is made. Each of the handles consists, preferably, of a band 15, secured at its ends to the sides of the sack by sewing, riveting, or otherwise, and the ends of the bands are covered and strengthened, preferably, by triangular reinforcing-strips 14.

In operation when a sack is filled it is gathered together at the mouth, as shown in Fig. 1, the strap or longer end of the tie is carried around the upper portion of the sack thus gathered together, and tension is exerted upon the band of the tie until the mouth of the sack is completely closed, whereupon the hook 12 is passed through the most convenient eyelet 13 of the band, as shown, also, in Fig. 1. By means of this tie it will be readily observed that the mouth of the sack is conveniently and expeditiously closed, thus dispensing with the use of a string, and that the tie is at all times at hand and handy in use. In Fig. 1 the position of the handles is also clearly illustrated, being located at opposite sides and in a position to render the sack

readily handled, as the handles extend up over the upper full portion of the sack.

Having thus described our invention, we claim as new and desire to secure by Letters  
5 Patent—

As a new article of manufacture, a bag provided on one side near its mouth with a transverse band having fastening devices at or near its ends and transverse horizontally-  
10 aligned handles 15, embracing the opposite edges of the bag, parallel with and below the

fastening-band, whereby when the mouth of the bag is drawn together and secured by the band the handles will be brought into proper inclined position over the upper corners or  
15 shoulders of the bag, substantially as set forth.

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Witnesses:

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