

Nov. 18, 1941.

C. ARNE

2,263,346

BAG

Filed Oct. 30, 1940

Fig. 1.

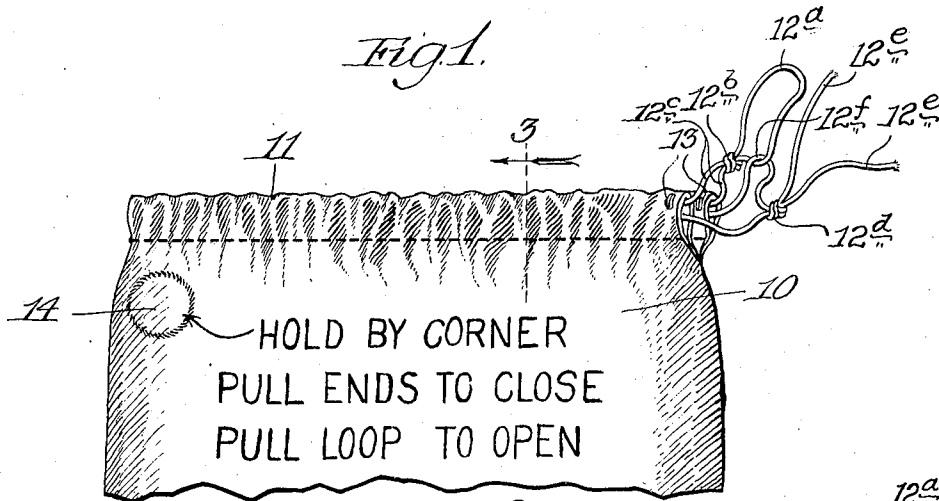


Fig. 2.

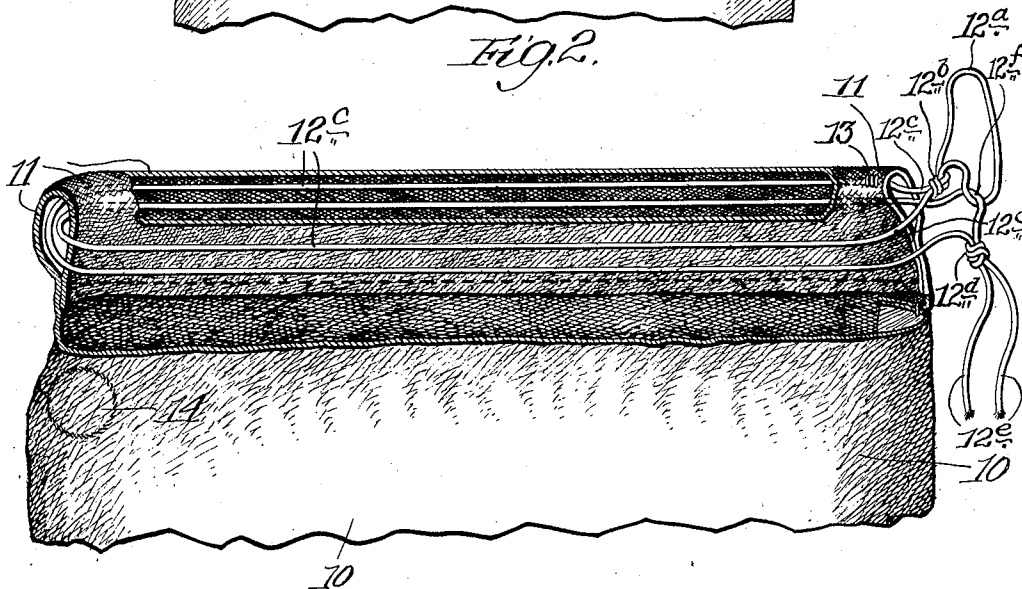


Fig. 3.

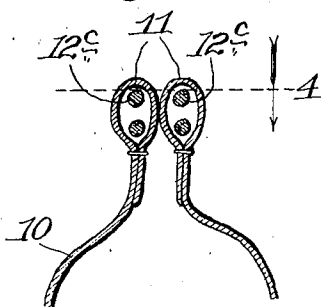
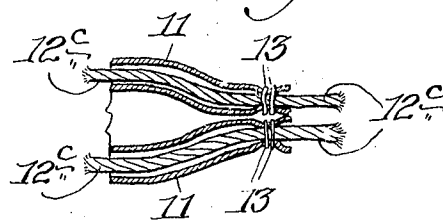


Fig. 4.



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UNITED STATES PATENT OFFICE

2,263,346

BAG

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Application October 30, 1940, Serial No. 363,565

1 Claim. (Cl. 150—11)

This invention relates to improvements in bags and more especially improved closure means for bags.

The invention is particularly applicable in connection with small cloth bags as commonly used for shipping small pieces of machinery and other articles.

Among the features of my invention is the provision of closure means which can be easily operated either to open or to close the bag. When closed the bag will remain in this position without any tying of the string; and consequently the bag may readily be opened without any untying of the string being required.

In general, the invention comprises a draw-string through a hem at the neck of the bag, so arranged that when the bag is held at one corner just below the neck, it may readily be closed by pulling one portion of the draw-string or opened by pulling another portion. The bag will remain in either position without requiring the tying or untying of any knots.

Other features and advantages of my invention will appear more fully as I proceed with my specification.

In that form of device embodying the features of my invention illustrated in the accompanying drawing, Fig. 1 is a view in side elevation of the upper part of a bag embodying my invention; Fig. 2 is a similar view on an enlarged scale, partly diagrammatic, with portions broken away, to show the construction and operation; Fig. 3 is a view taken as indicated by the line 3 of Fig. 1; and Fig. 4 is an enlarged detail view taken as indicated by the line 4 of Fig. 3.

As shown in the drawing, the bag is indicated in general by 10 and has a hem 11 around the neck. In the hem is located the draw-string 12 as shown in the drawing, especially Fig. 2. It will be seen that the draw-string is provided with a loop 12a formed by doubling the string and knotting it at 12b. From the knot 12b the two ends of the string 12c, 12c are passed in opposite directions through the hem 11 entirely around the neck of the bag and then knotted together at 12d. Beyond the knot are the two ends 12e, 12e. One of the strings 12c is preferably passed through the loop 12a as indicated at 12f before reaching the knot 12d.

Close to the loop 12a, where the two strings

12c, 12c enter the hem 11 they are attached to the hem of the bag as by the stitching 13.

At the corner of the bag where the hem 11 is closed there is preferably provided some suitable mark such as a circle 14 to indicate where the bag should be held when being closed or opened. When the bag is held at this corner by one hand, a pull on the ends 12e, 12e will close it, and a pull on the loop 12a will open it. The attachment of the string 12c at 13 is important in connection with the opening operation. When closed the ends 12e will be far out of the hem. When the bag is held at 14 and the loop 12a pulled it is important that the string 12c be attached at 13 to prevent the draw-string from slipping around in the hem without opening the bag. Because of the attachment at 13, when the bag is held at 14, a pull on the loop 12a will give a positive opening of the bag. I also find it desirable to run one of the strings 12c through the loop 12a as indicated by 12f. This also will prevent the ends 12e from being drawn inwardly too far when the loop 12a is pulled. By this construction it will be seen that when the bag is held at 14, a pull on the loop 12a will positively cause the loop to engage the knot 12d and thus insure that the ends 12e are not pulled back as the loop 12a is pulled out.

While I have shown and described certain embodiments of my invention, it is to be understood that it is capable of many modifications. Changes, therefore, in the construction and arrangement may be made without departing from the spirit and scope of the invention as disclosed in the appended claim, in which it is my intention to claim all novelty inherent in my invention as broadly as permissible, in view of the prior art.

What I claim as new, and desire to secure by Letters Patent, is:

A bag open at the top and provided with a hem around the opening, said hem having an opening at one corner of the bag; and a draw-string extending through said hem twice around the opening of the bag, the center of the draw-string being provided with a portion outside of said hem and attached to the bag adjacent said hem opening, one of the ends of said draw-string attached to the other end of said draw-string outside of the hem adjacent said hem opening.

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