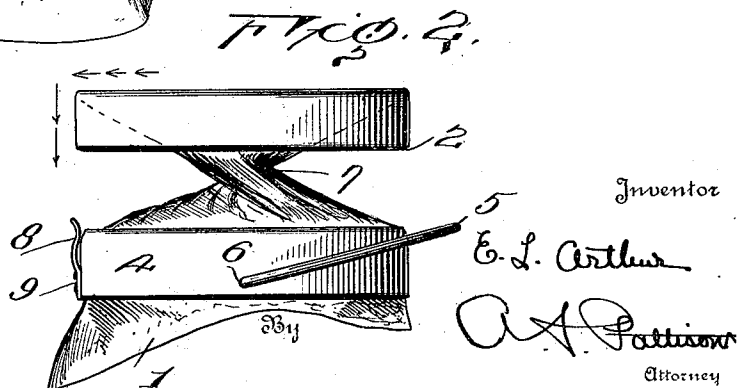
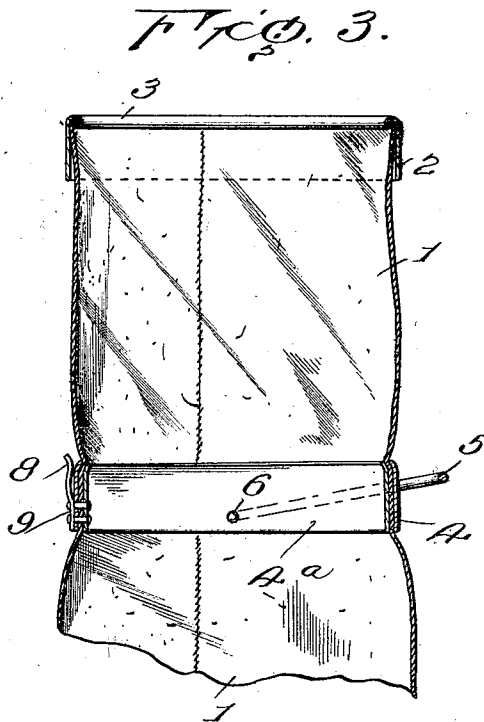
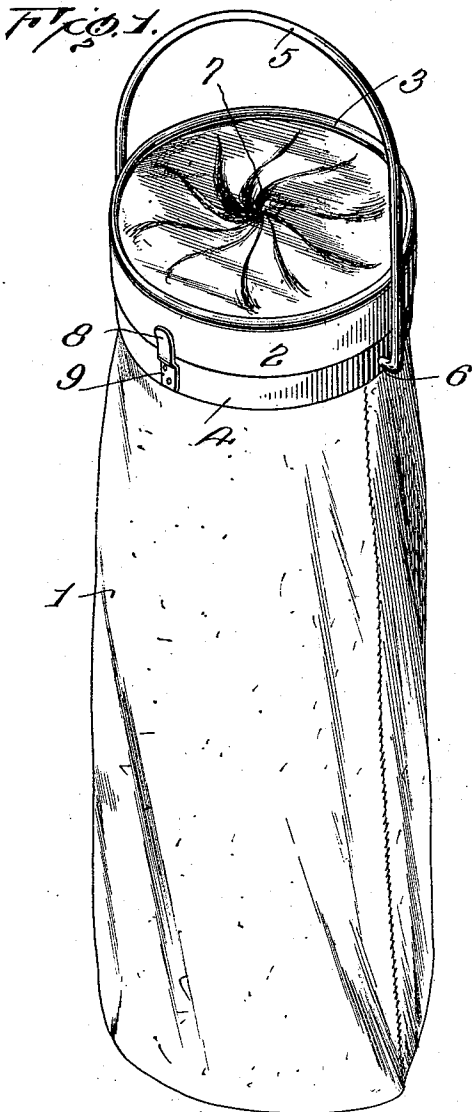


1,431,918.

Patented Oct. 17, 1922.



UNITED STATES PATENT OFFICE.

ERNEST LEWEL ARTHUR, OF PEMBROKE, VIRGINIA.

BAG.

Application filed August 10, 1921. Serial No. 491,219.

To all whom it may concern:

Be it known that I, ERNEST L. ARTHUR, a citizen of the United States, residing at Pembroke, in the county of Giles and State

of Virginia, have invented certain new and useful Improvements in Bags, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to improvements in bags, and more particularly to a new and novel ring construction for closing and operating the mouth of the bag.

I have found that with bags now in use for carrying automobile tire chains, it usually takes one person to hold the mouth of the bag open while the other person puts the chains into the bag. To overcome the necessity of the help of a second person in storing automobile chains in a chain bag, I have designed my improved bag. Although I have designed my bag primarily for the use of carrying automobile tire chains, it will be readily understood that my bag can be also successfully used by plumbers, electricians, or persons of like trade, as a tool or kit bag, and when my bag is put to such use, I provide a handle or bail for the bag, such as shown in the accompanying drawings.

In the drawings I have shown the bag as being made of cloth, but if it is desired, it can be made of fabric, rubberized material or the like.

The primary object of my invention is to provide a bag having a stiffened open mouth.

A further object of my invention is to provide a bag having a stiffened open mouth and so constructed that the mouth is quickly and easily closed.

A still further object of my invention is to provide an open mouth bag which is quickly and easily closed by the mouth closing upon itself.

Further and other objects and improved results of my bag will appear in the following description and accompanying drawings.

In the drawings—

Figure 1 is a perspective view of a bag embodying my invention.

Fig. 2 is a detailed side view of the mouth closing feature of my bag, the closure of the bag having been only partially effected.

Fig. 3 is a vertical sectional view taken through the upper portion of the bag, showing the construction of the improved closure feature.

Referring now to the drawings which show a preferred embodiment of my invention, like parts are designated throughout the description by similar reference numerals.

In the construction of my invention, I provide a bag 1, of any suitable or desired material, which bag is provided at its top open end with a ring 2, which is clamped over as at 3, to clamp the bag. In the drawings, I have shown the ring 2 as made of metal, but it will be readily understood that this ring could be constructed of fiber or like material and the clamping of the bag could be effected by an additional ring on the inner or outer side of the bag in place of the crimped edge 3 of the outer ring, if it is so desired.

Positioned around the bag at a point below the open mouth of the bag and the ring 2, is a ring or collar band 4, which is held in position by the inner collar ring 4^a. The bag 1 passes between rings 4 and 4^a and is clamped thereby. Although I have shown in the drawings the bag made in one piece from its closed bottom to the top edge at the mouth ring 2, the bag can be constructed, if desired, of two pieces. If a two piece construction of the bag were used, one piece would extend from the closed bottom to the collar ring 4, and the other piece would extend from the collar ring 4 to the mouth ring 2.

The mouth ring 2 is made of a diameter slightly greater than the diameter of the collar ring 4, so that the mouth ring will fit over and around the collar ring in a snug fashion, as shown in Fig. 1 of the drawings.

To adapt the bag for uses other than the storage of automobile tire chains, I have provided the collar ring 4 with a handle or bail 5, the ends of which are bent as at 6, and extend through suitable openings in the ring.

To effect the closing of the bag, which in Fig. 3 is shown in open position, the mouth ring 2 is turned to either the right or left, as shown in Fig. 2, as it is lowered upon and over the collar ring 4. This turning of the mouth ring twists the bag 1 as at 7, and when the mouth ring 2 is completely down upon the collar ring 4, as shown in Fig. 1, the twist 7 in the bag has completely closed the mouth thereof, as clearly appears in Fig. 1.

To insure the retention of the mouth ring

2 upon the collar ring 4, I have provided a spring tension clamp 8, which is riveted or otherwise suitably fastened to the collar ring, as at 9. The mouth ring 2 when in its lowered position upon the collar ring, rests between the collar ring and the spring tension clamp 8, the spring tension of which will assure the retention of the mouth ring on the collar ring.

10 In the drawings I have shown the collar ring 4 provided with an inner ring 4^a, but it will be readily understood that I do not limit my construction to the additional inner ring, as the collar ring could be, in some other manner, suitably attached to the bag.

15 Having thus described my invention, what I claim and desire to secure by Letters Patent is:

20 1. A bag having an open mouth, a ring carried by the bag mouth, a collar ring carried stationarily by the bag at a point below the bag mouth, and the open mouth of the bag being closed by twisting it upon itself between the mouth ring and the collar ring.

25 2. A bag having an open mouth, a ring surrounding the mouth portion, a collar ring surrounding the bag below the mouth portion, the collar ring stationarily fastened to the bag, and the mouth portion of the bag closed by rotating the mouth ring and lowering the same upon the collar ring.

30 3. A bag having an open mouth, a ring

surrounding the mouth portion, a collar ring surrounding the bag below the mouth portion, and the mouth portion of the bag closed by rotating the mouth ring and lowering the same upon and over the collar ring.

4. A bag having an open mouth, a ring surrounding the open mouth of the bag, inner and outer collar rings clamped upon the bag below the open mouth thereof, and the open mouth of the bag closed by rotating the mouth ring and lowering it upon the outer collar ring.

45 5. A bag having an open mouth, a ring surrounding the open mouth of the bag, a collar ring surrounding the bag below the open mouth thereof, a clamp carried by the collar ring, and the mouth ring adapted to be twisted and lowered upon the collar ring and held by the clamp, for the purpose described.

60 6. A bag having an open mouth, a ring surrounding the open mouth of the bag, a collar ring surrounding the bag below the open mouth thereof, a handle carried by the collar ring, and the mouth ring adapted to be rotated and lowered upon the collar ring, for the purpose described.

In testimony whereof I hereunto affix my signature.

ERNEST LEWEL ARTHUR.