

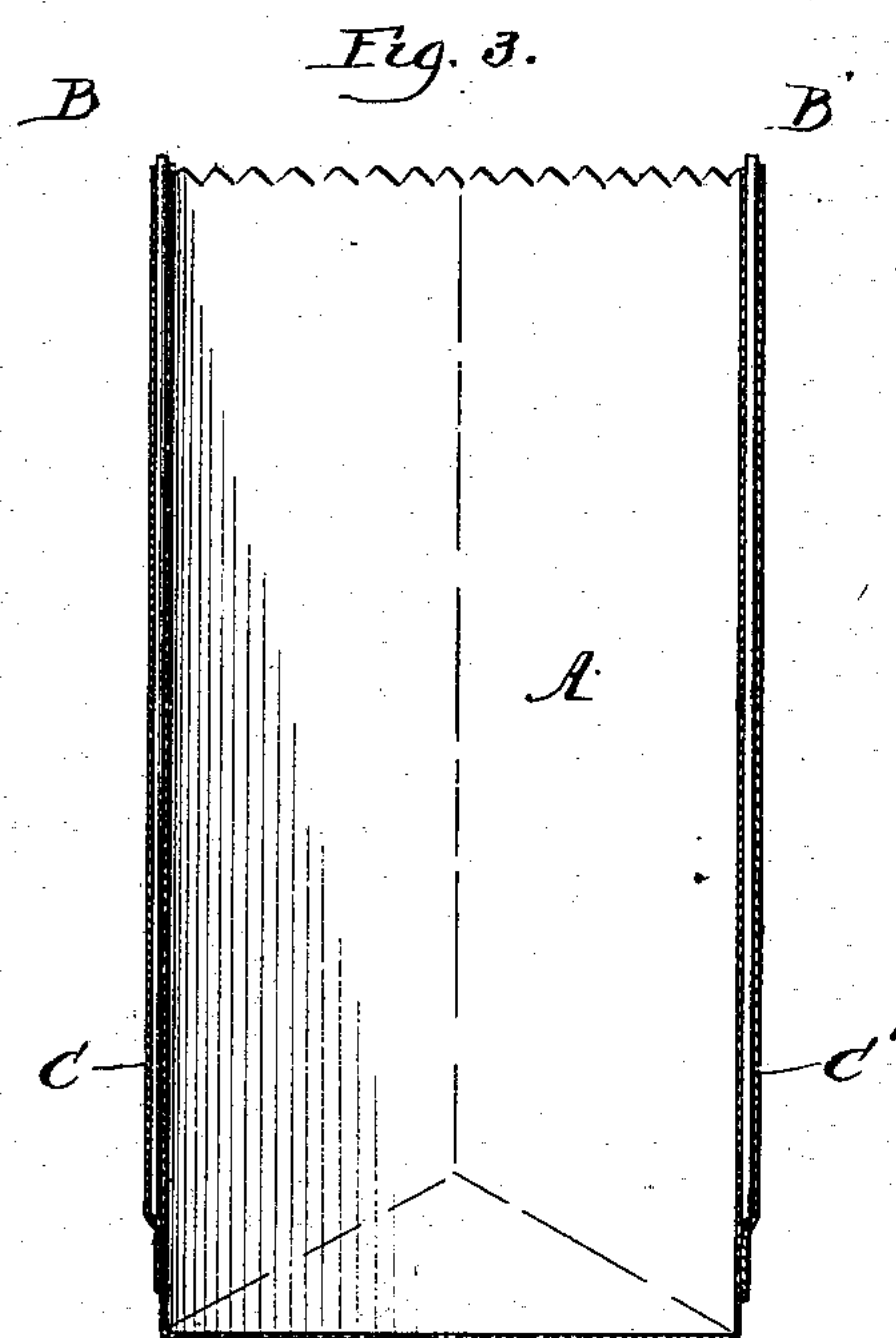
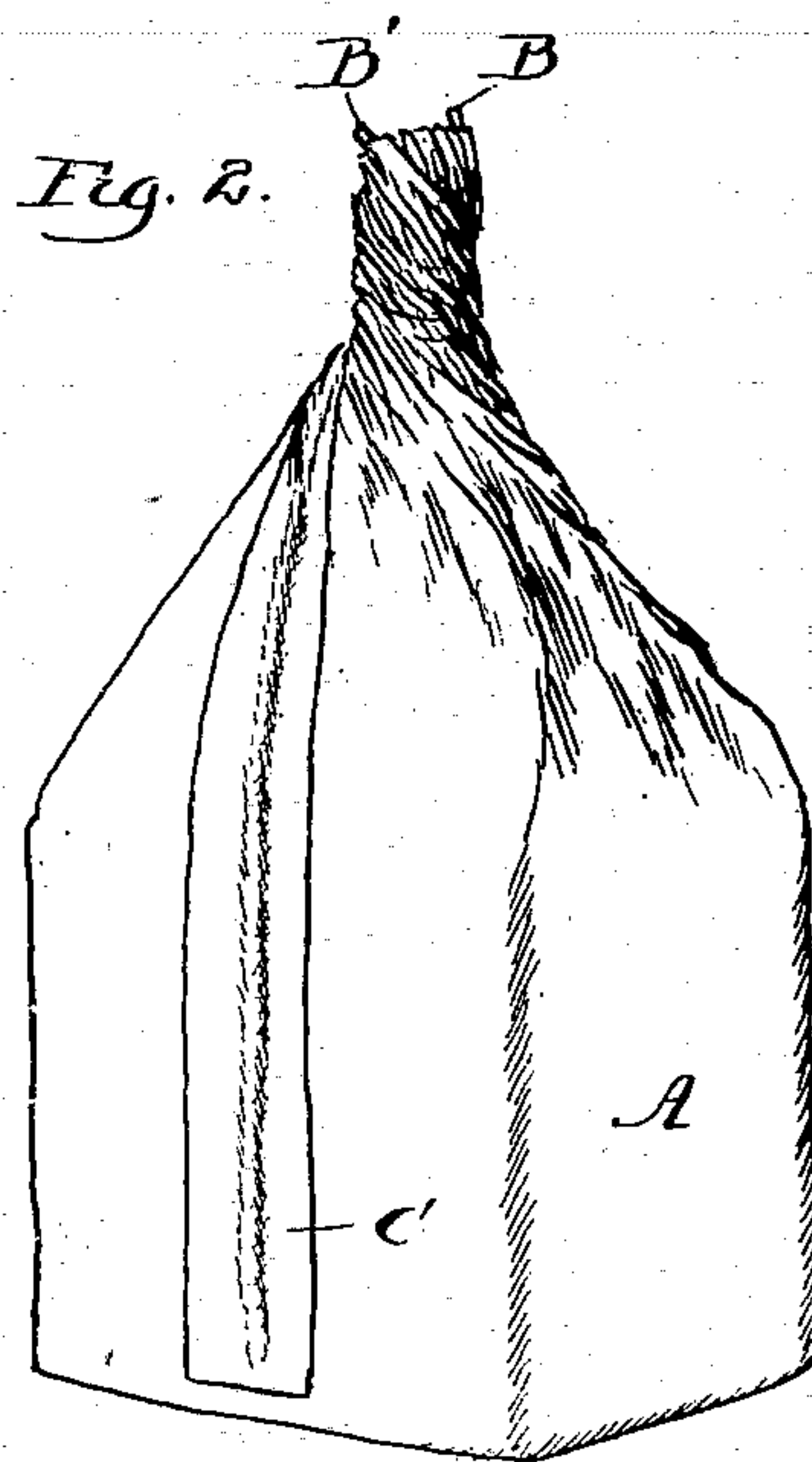
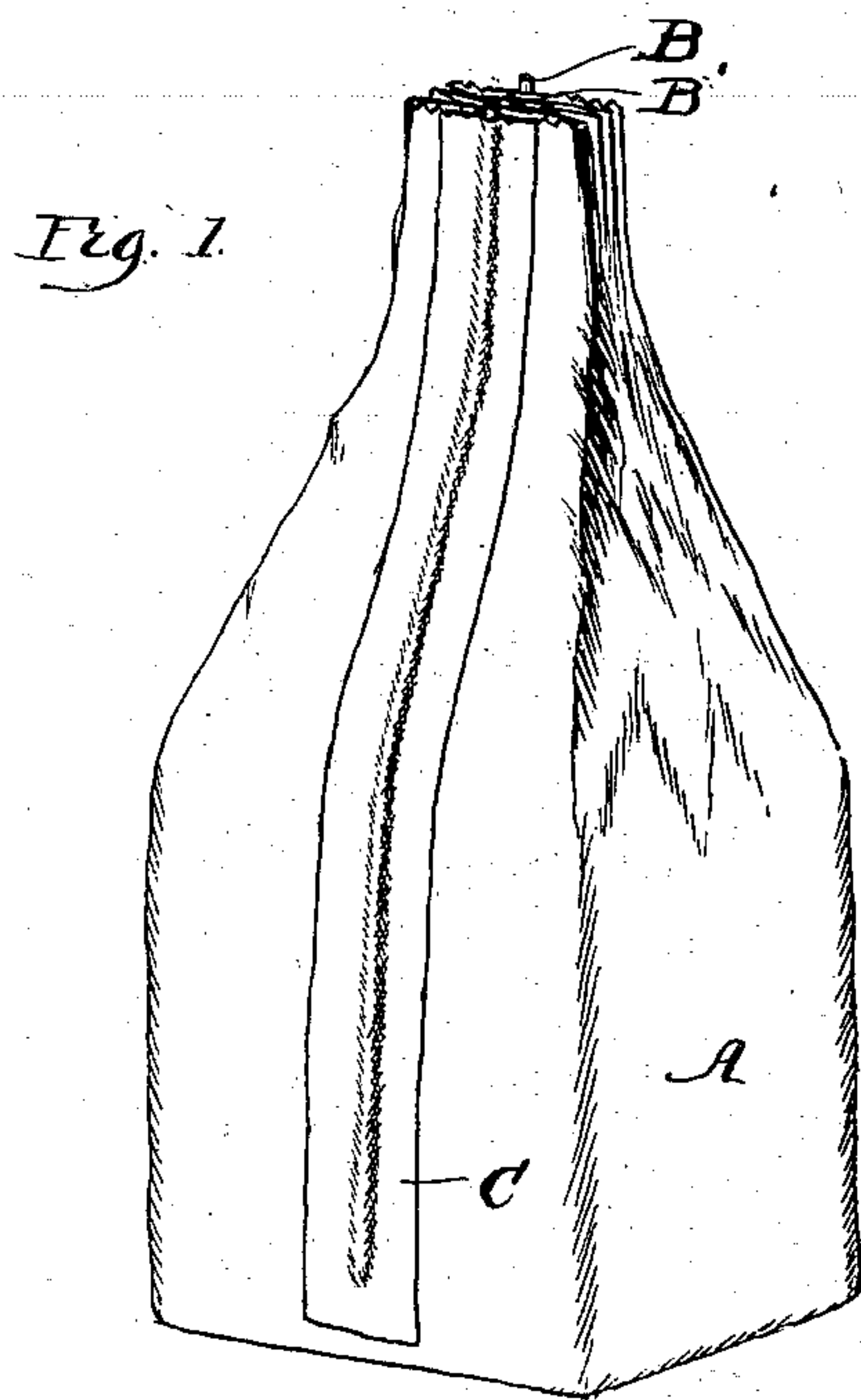
No. 651,937.

Patented June 19, 1900.

L. S. SHORT.
BAG FASTENER.

(Application filed May 11, 1899.)

(No Model.)



Witnesses:
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Mathaline Gerlach,

Inventor:
Leonard S. Short.
By *Fred Gerlach*
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UNITED STATES PATENT OFFICE.

LEONARD S. SHORT, OF CHICAGO, ILLINOIS.

BAG-FASTENER.

SPECIFICATION forming part of Letters Patent No. 651,937, dated June 19, 1900.

Application filed May 11, 1899. Serial No. 716,361. (No model.)

To all whom it may concern:

Be it known that I, LEONARD S. SHORT, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bag-Fasteners, of which the following is a full, clear, and exact description.

The invention relates to paper and like bags which are provided with fasteners for retaining the mouth portion thereof closed. It has heretofore been common practice to provide a paper bag with a strip of wire extended in the direction of the length of the bag, which served to hold the mouth of the bag closed when the open end had been rolled upon itself.

The present invention designs to provide a paper bag with a fastener which is simple in construction and which serves to hold the end of the bag closed and also to effect an air-tight closure.

With this object in view the invention consists in providing a paper bag with strips of wire on opposite sides thereof, between which the folds of paper may be gathered, and then twisted to firmly bind such folds, whereby an air-tight closure will be made.

Figure 1 is a perspective view of a paper bag embodying the invention, showing the mouth portion of the bag folded between the strips of wire and in position to be twisted to close the bag. Fig. 2 is a perspective showing the bag and fastener in closed position. Fig. 3 is a central vertical section.

A denotes a paper or a like bag made from a sheet cut, folded, and formed in usual manner. On opposite sides of the bag two strips of flexible wire B and B' are secured and extended in the direction of its length from a point adjacent the bottom to the upper end thereof. These strips of wire B and B' are secured to the sides of the bag by strips of paper or cloth C and C', which are pasted to the sides of the bag, extended over the wires, and serve to hold these wires to the sides of the bag.

When the bag is to be closed, the upper or mouth portion of the bag is first folded into position between the binding-wires B and B', as clearly seen in Fig. 1 of the drawings. The binding-wires are then twisted with the folds of paper between them until such folds have been firmly bound between the wires.

In the use of paper bags it is frequently desired to make the closure as near air-tight as possible, and the present invention enables this desideratum to be attained in a most simple and effective manner. It is manifest that a bag made in accordance with the above invention can be used for holding liquids, and when the folds of paper have been firmly bound by the close twisting of the wires a closure of the mouth will have been made which will prevent the escape of liquids from the bag.

I do not wish to claim, broadly, the use of a wire extended in the direction of the length of the bag and serving to hold the mouth portion of the bag rolled over upon itself.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination with a paper bag of the binding-wires secured to the bag on opposite sides thereof and extended in the direction of its length and between which the mouth portion of the bag is folded and held, the wires being twisted around each other, to effect a closure.

2. The combination with a paper bag of the binding-wires on opposite sides thereof and extended in the direction of its length, strips of paper or cloth pasted to said bag and over said wires, between which the mouth portion of the bag is folded and held, the wires being twisted around each other, to effect a closure.

LEONARD S. SHORT.

Witnesses:

OLIVER C. DENNIS,
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