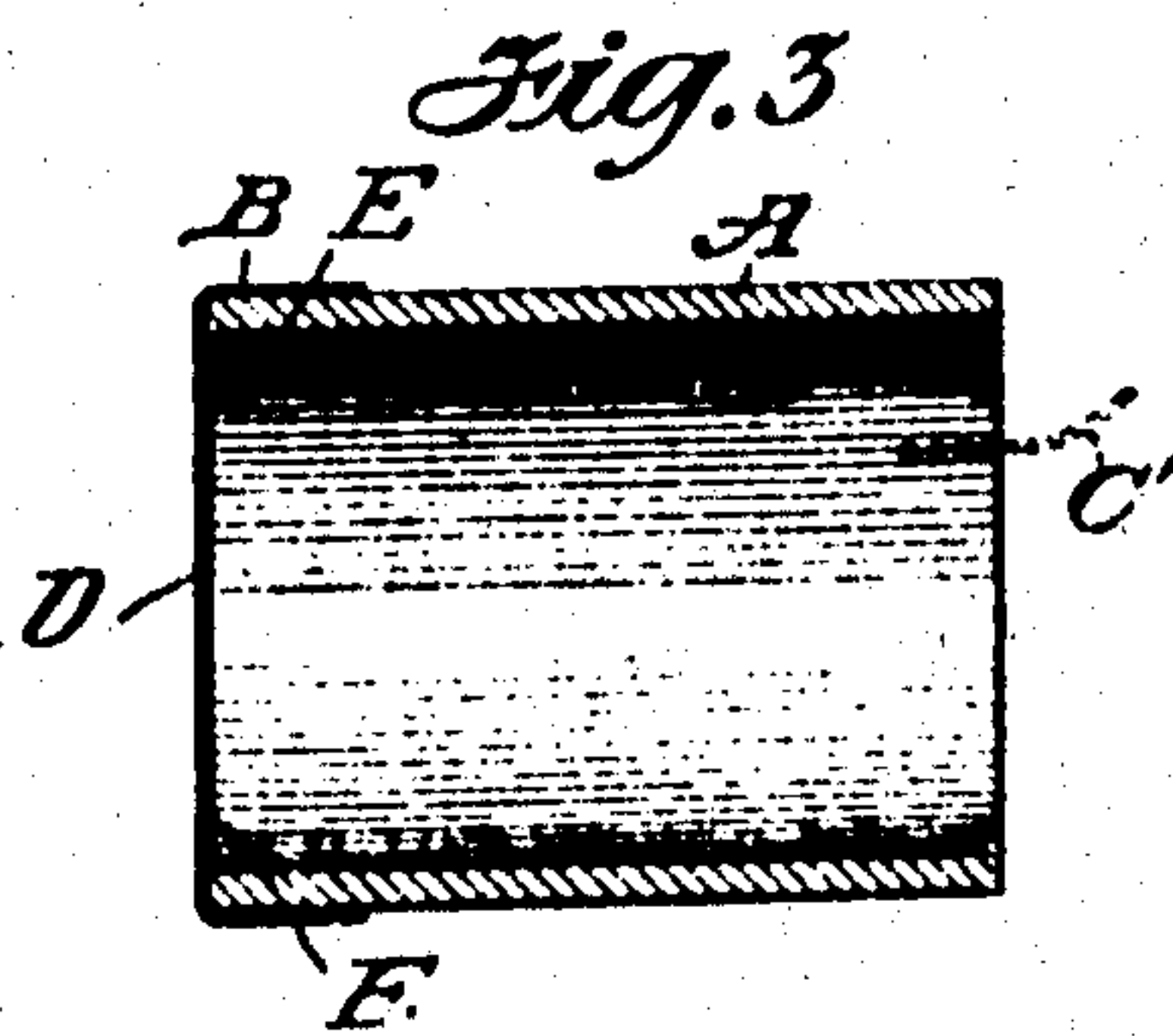
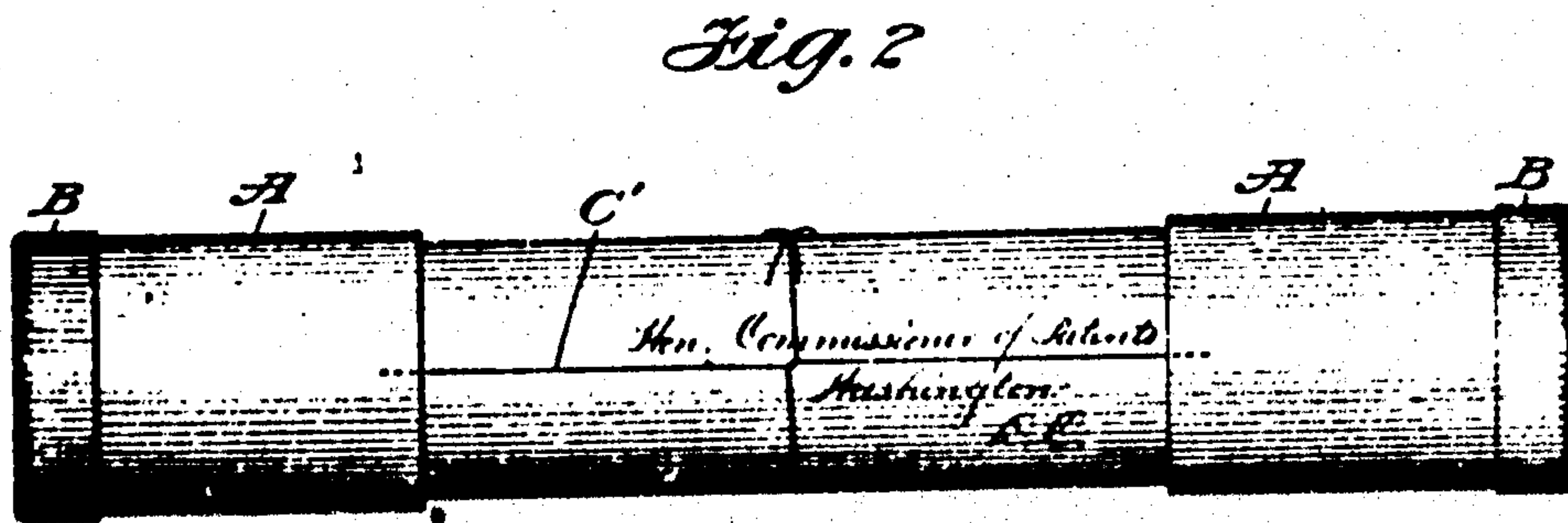
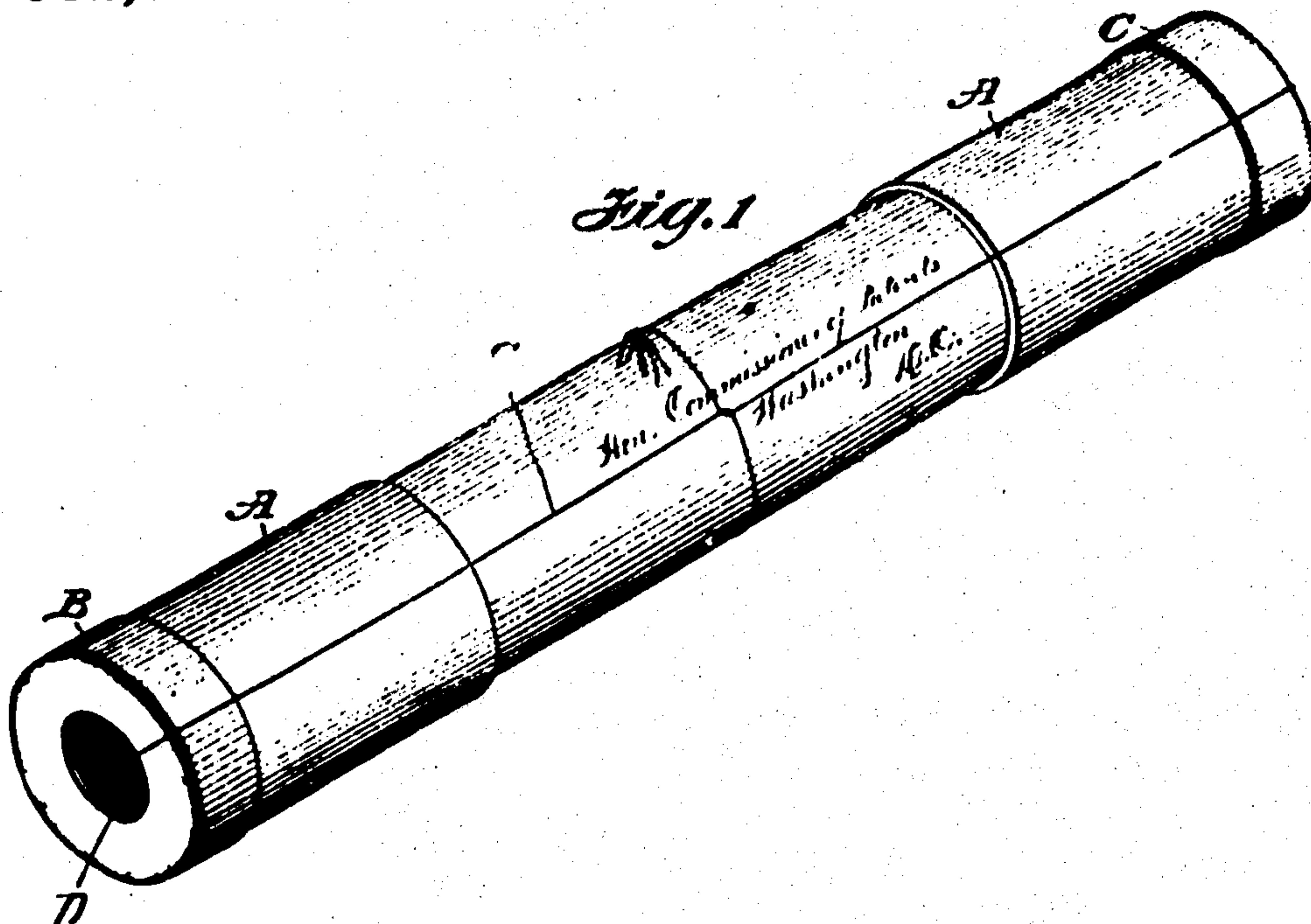


F. M. ASHLEY.  
MAILING TUBE.  
APPLICATION FILED DEC. 2, 1906.

932,425.

Patented Aug. 31, 1909.



Witnesses  
Chas. Clagett,  
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# UNITED STATES PATENT OFFICE.

FRANK M. ASHLEY, OF NEW YORK, N. Y.

## MAILING-TUBE.

932,425.

Specification of Letters Patent.

Patented Aug. 31, 1909.

Application filed December 3, 1906. Serial No. 345,973.

To all whom it may concern:

Be it known that I, FRANK M. ASHLEY, a citizen of the United States, and resident at West Sixth street and Dewey Avenue, New York city, borough of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Mailing-Tubes, of which the following is a specification.

10 The present invention relates to mailing-tubes, and the object of the invention is to provide a substitute for the tube which will have certain advantages, and which will reduce the cost of postage, the cost of the package, the weight of the package, and which will allow the drawings or other papers inclosed, to be removed without danger of being torn, and also permits of the wrapper being stored in a more convenient manner.

20 One of the uses which I desire to make of the new device, is to mail Patent-Office drawings, specifications, etc.

Referring to the drawings which form a part of this specification: Figure 1, is a perspective view of the completed package showing the means used to hold the package together, the cord being shown as passing through the interior of the tube. Fig. 2, is a view in which the cord is shown as being fastened permanently to the tube ends. Fig. 3, is a longitudinal sectional view of one of the tube ends, disclosed in Fig. 2.

30 The device consists of a short tube having one end partly closed thus forming an internal shoulder E and provided with an opening D through which a cord C may be passed in at one end and through the opening formed in the roll, and out at the opposite end, and then preferably a turn is made with the cord at the middle of the package and tied as shown, to hold the package together. The contents of the package may be partially examined through the opening D when mailed as second class matter. When the cords C are fastened permanently to the tube end, the hole may be dispensed with if desired, and the package held together by tying the string as shown in Fig. 2.

I prefer to make the tube end of card board paper such as is usually used for mailing-tube purposes, on account of its lightness and strength.

When made from card-board, I make the tube-end by uniting the parts B and A together by glue or other suitable means, but when made from tin or other metal, the tube end may be drawn up in one piece to advantage.

For the use of patent attorneys, the wrapper which contains the address, may be made of the proper width to accommodate the width of the drawings, and the address may be printed on the wrapper, so that a package may be made up without loss of time, and the wrapper may be of suitable weight and toughness to protect the drawings within, the stiffness of the drawings serving to hold the package in cylindrical form as shown. The drawings are rolled and wrapped and the tube ends placed over the ends as shown, and the cord passed through as shown in Fig. 1, or connected as shown in Fig. 2, and the package is complete. The ends of the drawings are protected, the weight of the package is much less than if in a regular mailing-tube, and there is no danger of tearing the drawings in taking them from the tube ends. The tube ends are made of several different diameters to accommodate the size of the roll of drawings, and where the specifications are wrapped within the drawings, the cord holds them from slipping out of the package through the hole in the tube-end.

The device is very simple and its use has demonstrated that it saves time and postage, and prevents the tearing of the drawings when removing them from the tube.

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

1. A mailing tube comprising an independent, flexible wrapper; two end tubes removably secured thereto, each of which is provided with an end piece having a hole at its center and forming with the tube an internal shoulder.

2. A mailing tube comprising two simi-



larly constructed short, rigid tubes, the one end of each being partially closed to form internal shoulders, said tubes adapted to fit over and protect the ends of a parcel; and a flexible and independent wrapper for the parcel of a length sufficient to cover the said parcel, and to extend within the tubes.

Signed at New York, in the county of New York and State of New York this 1st day of December, A. D. 1906.

FRANK M. ASHLEY.

Witnesses:

H. J. DORRINGTON.  
N. C. MILLER.