

No. 728,407.

PATENTED MAY 19, 1903.

L. PATTERSON.
MAILING TUBE.

APPLICATION FILED MAR. 31, 1902.

NO MODEL.

Fig. 1.

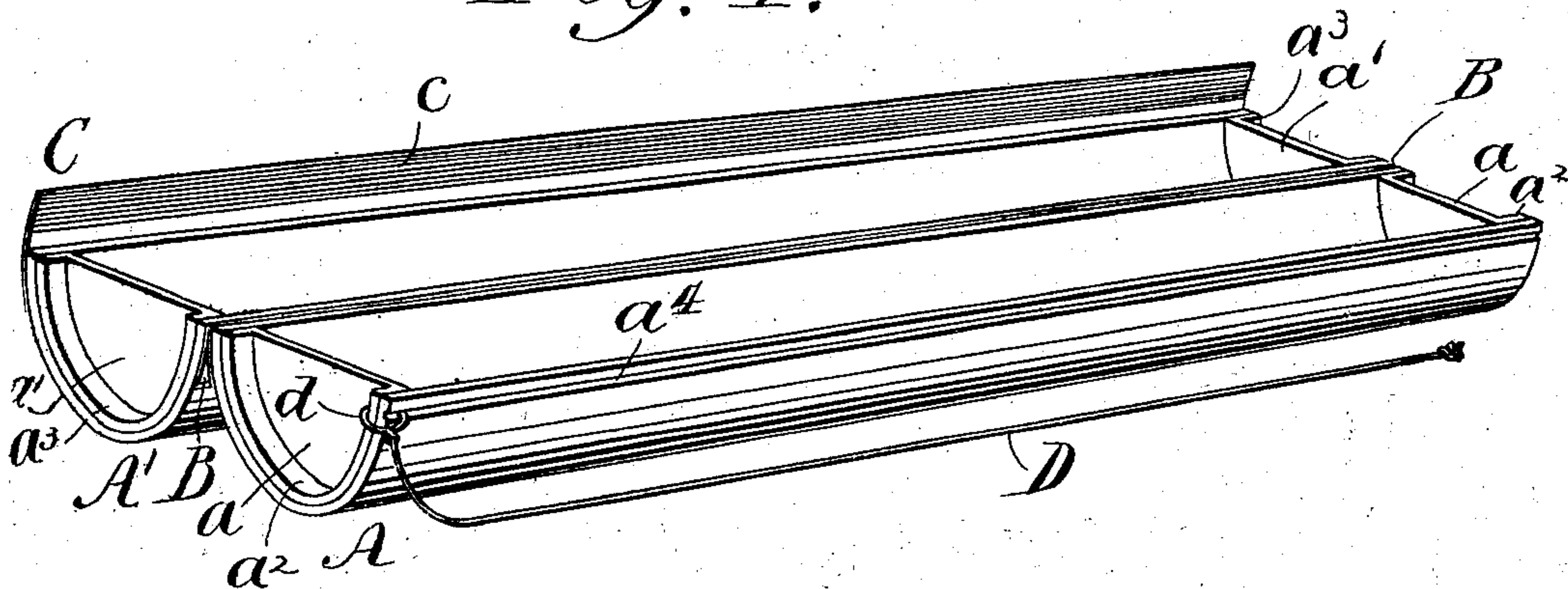


Fig. 2.

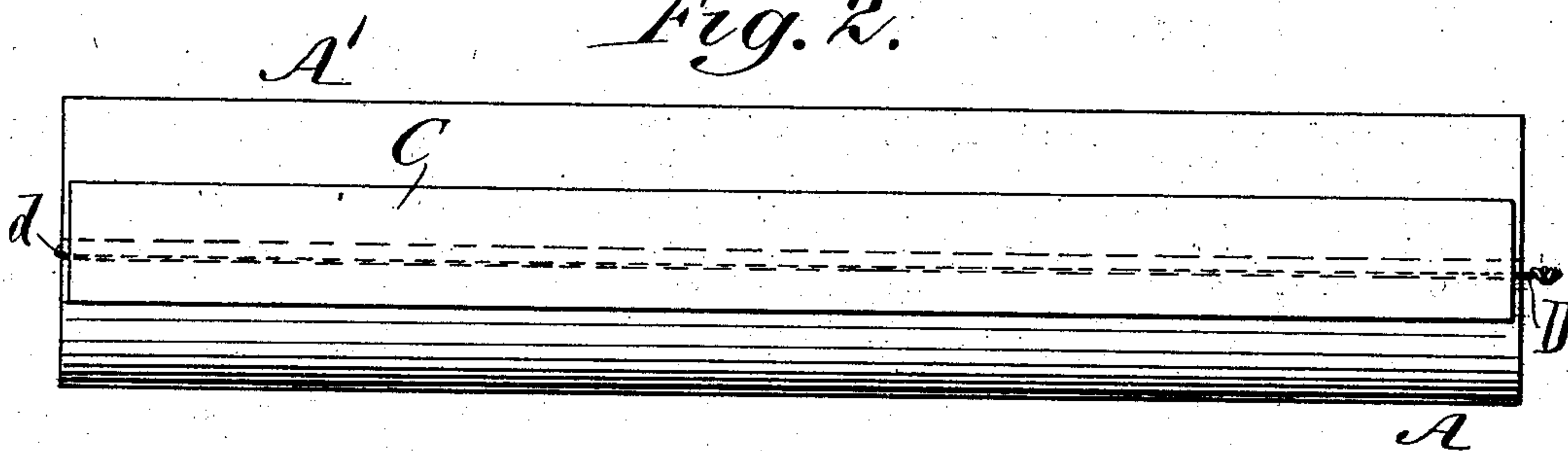
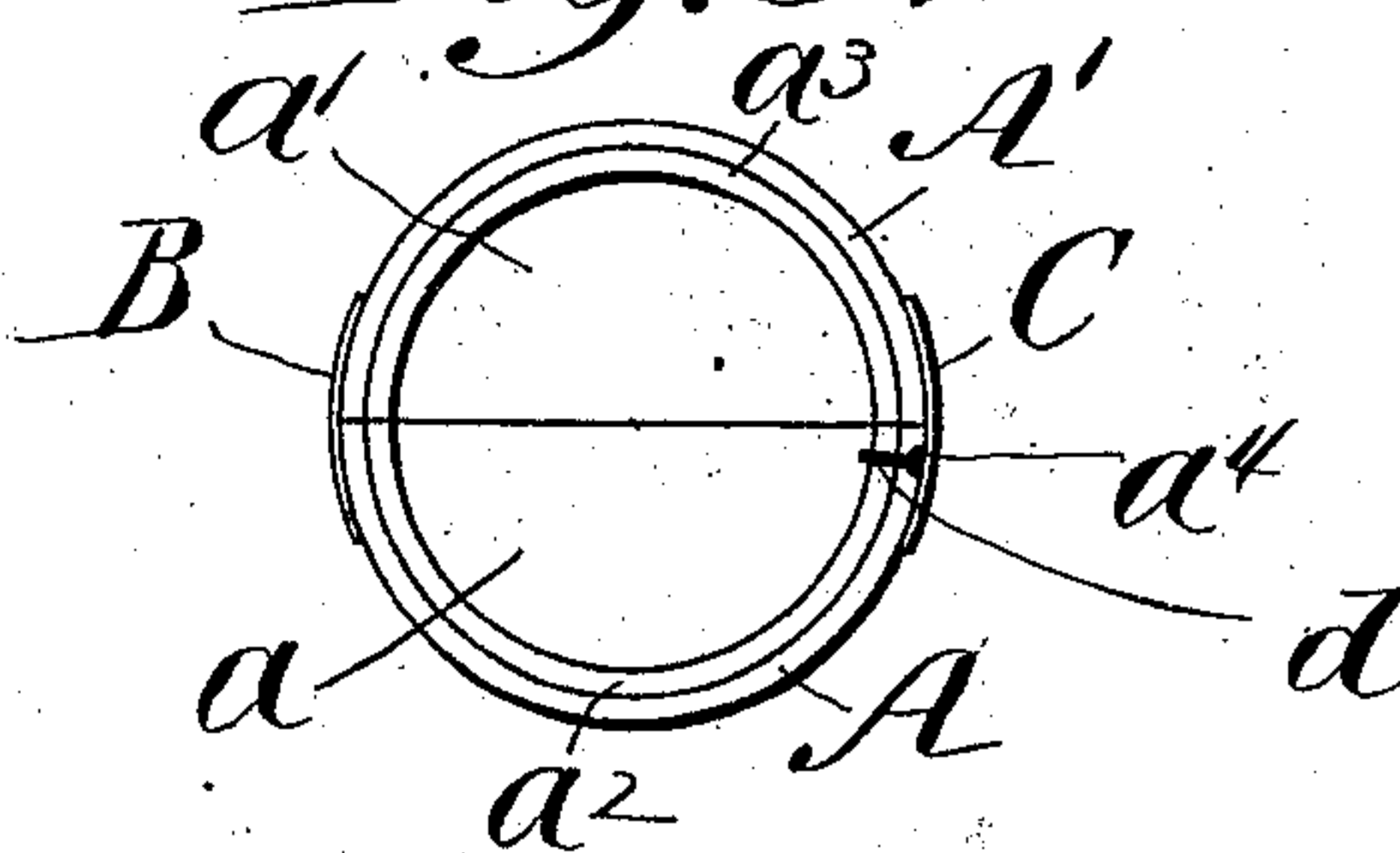


Fig. 3.



WITNESSES:
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LEMUEL PATTERSON, OF WARREN, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO RICHARD W. LAVERY, OF WARREN, PENNSYLVANIA.

MAILING-TUBE.

SPECIFICATION forming part of Letters Patent No. 728,407, dated May 19, 1903.

Application filed March 31, 1902. Serial No. 100,715. (No model.)

To all whom it may concern:

Be it known that I, LEMUEL PATTERSON, a citizen of the United States, and a resident of Warren, county of Warren, and State of Pennsylvania, have invented certain new and useful Improvements in Mailing-Tubes, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to mailing-tubes, the object thereof being to provide a device of this character which is susceptible of carrying rolled paper, light merchandise, legal documents, and other articles of a character adapted to be transported and which so securely retains its contents as to prevent accidental loss or injury in transportation, the device being at the same time so arranged that the removal of the contents may be readily effected.

The invention will be hereinafter fully described, and specifically set forth in the annexed claim.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of my improved tube, showing the same in open position; Fig. 2, a side elevation showing the device closed, and Fig. 3 is an end view.

In the practice of my invention I employ two semicylindrical sections or parts A A', which are composed of pasteboard, compressed fiber, or any suitable material of sufficient durability to stand the strain of wear and tear incidental to transportation through the mails. The device is preferably circular in cross-section; but octagonal, square, or other forms may be employed, if desirable. These sections are each provided at their end parts with heads a a' , which have integral flanges a^2 a^3 for strengthening them and which are glued or otherwise fastened to the inner walls of the device.

The parts A A' are hinged to each other by means of a strip of fabric B, which is glued to the periphery of the device along two of its abutting or contiguous edges, whereby the structure may be readily opened and closed.

As a means for closing the device I fasten

by the use of mucilage or glue to the edge part of one section, as A', opposite its hinged edge, a paper strip C, which has an inner coating c of mucilage or gum, adapted when moistened to adhere to the outside part of the other section of the device, as A, when the same is closed. The mucilaged part is only on the two longitudinal edges of this strip, whereby the adjacent edge parts of the tube sections are kept clean.

Permanently fastened to one end of the section A by means of the loop d , which passes through the material forming the wall of the device and the flange of one of its end heads, is the cord or wire D, which is employed as a means for opening the device. This cord when the device is closed rests snugly within a shallow groove a^4 , formed in the wall A, thus permitting the strip C to smoothly contact with the surfaces of the adjacent sections to maintain secure connection of the two parts of the device without producing a ridge where the cord is located, thus permitting this strip to be employed as a means for carrying an address, if desirable.

In the operation and use of the invention the matter to be transported is placed within the section A. The section A' is then closed over thereon, moisture being applied to the gummed surface of the strip C, and the same is fastened to the surface of the section A, with the cord within the groove a^4 . To open the package, it is simply necessary to grasp the free end of the cord D and pull outwardly thereon until the strip C is severed, whereupon the package may readily be opened. Should it be desirable to reuse the tube, it is simply necessary to supply a new strip C, gummed along two of its edges. Thus I supply a durable and efficient mailing-tube which can be used a number of times and which is so constructed as to thoroughly protect its contents.

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

In a mailing-tube, the combination with the two semicylindrical halves A and A', one of which is indented with a shallow groove a^4 , near one of its edges, and means for connecting said halves together, of the heads a

and a' , in the ends of said halves, and the flanges a^2 , and a^3 , raised on and integral with said heads, strengthening them and affording them a secure connection with said halves, and the cord D, attached to the half A, and fitting into the groove a^4 .

In testimony that I claim the foregoing as

my invention I have signed my name, in presence of two witnesses, this 15th day of March, 1902.

LEMUEL PATTERSON.

Witnesses:

WM. B. HASSETT,

LOUIS S. KLINE.