

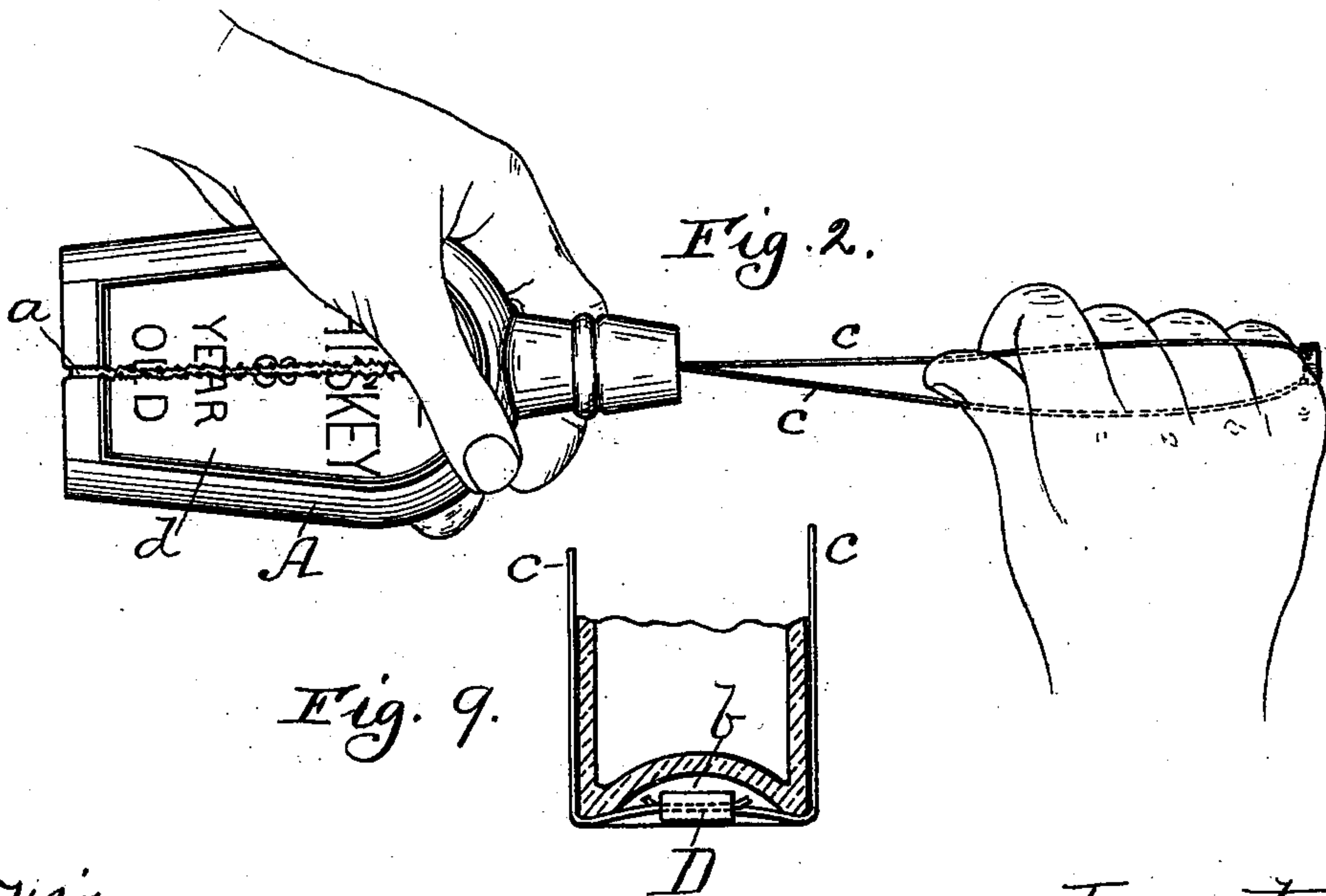
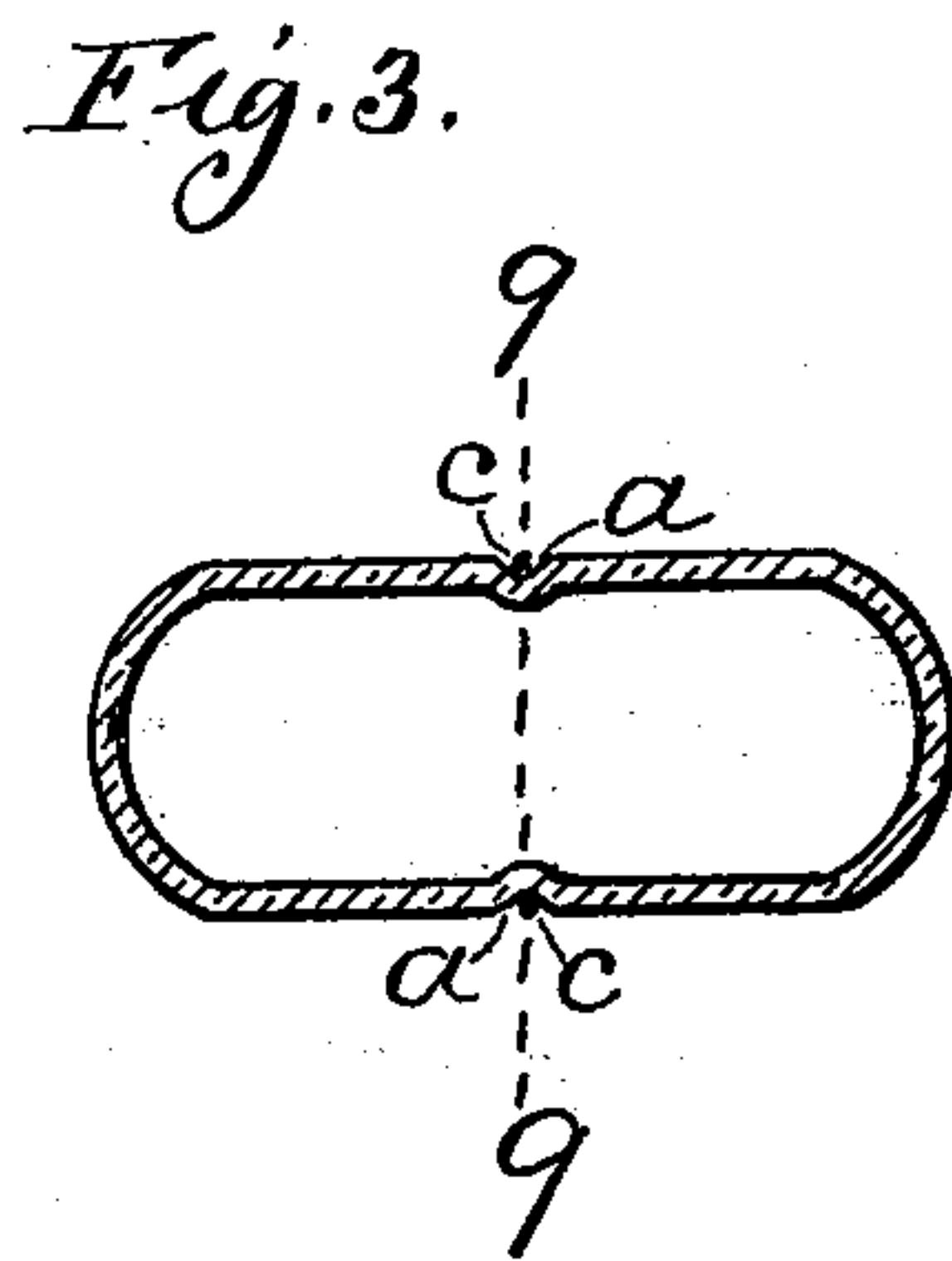
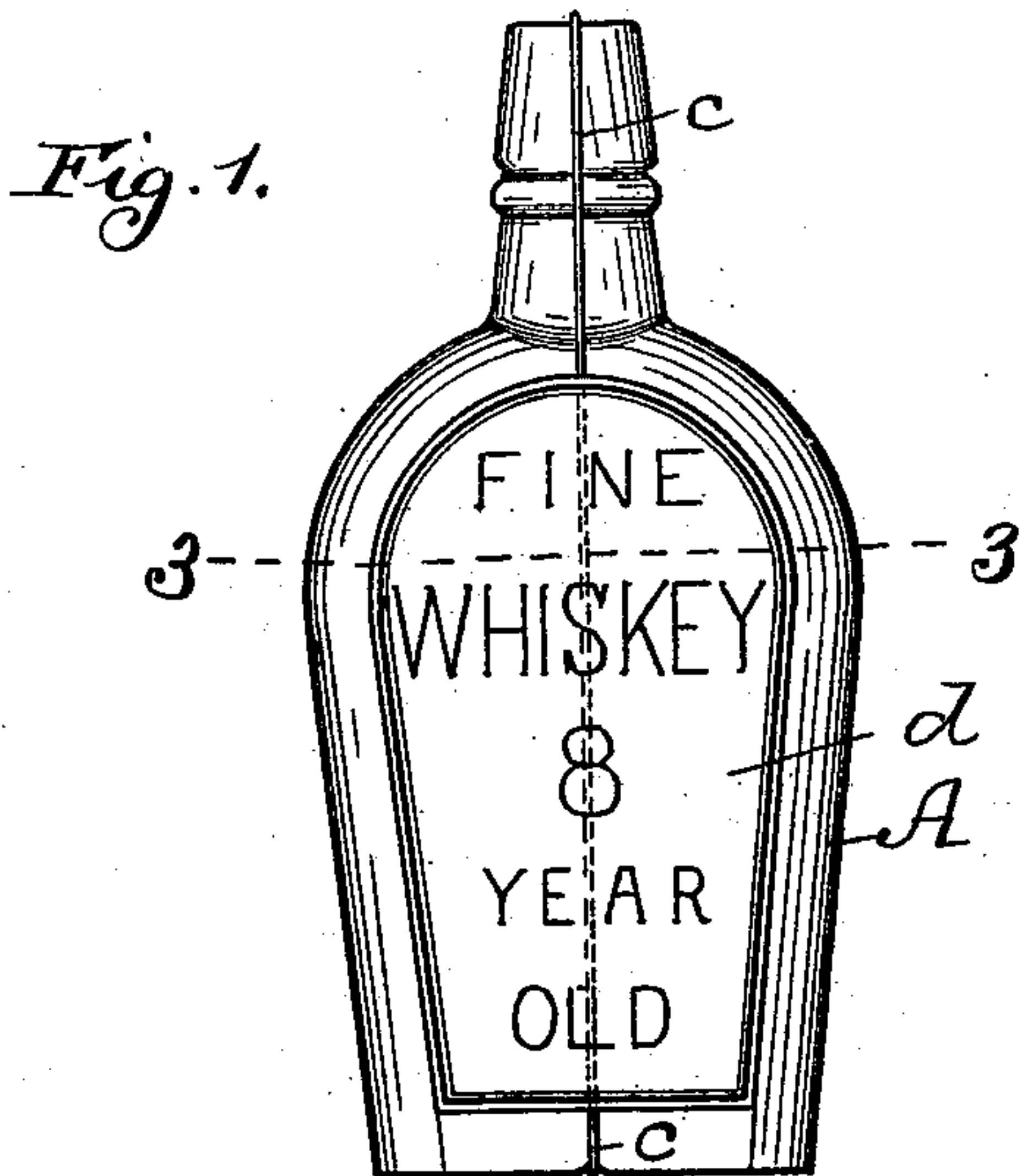
(No Model.)

2 Sheets—Sheet 1.

T. C. NEWMAN.
BOTTLE.

No. 547,885.

Patented Oct. 15, 1895.



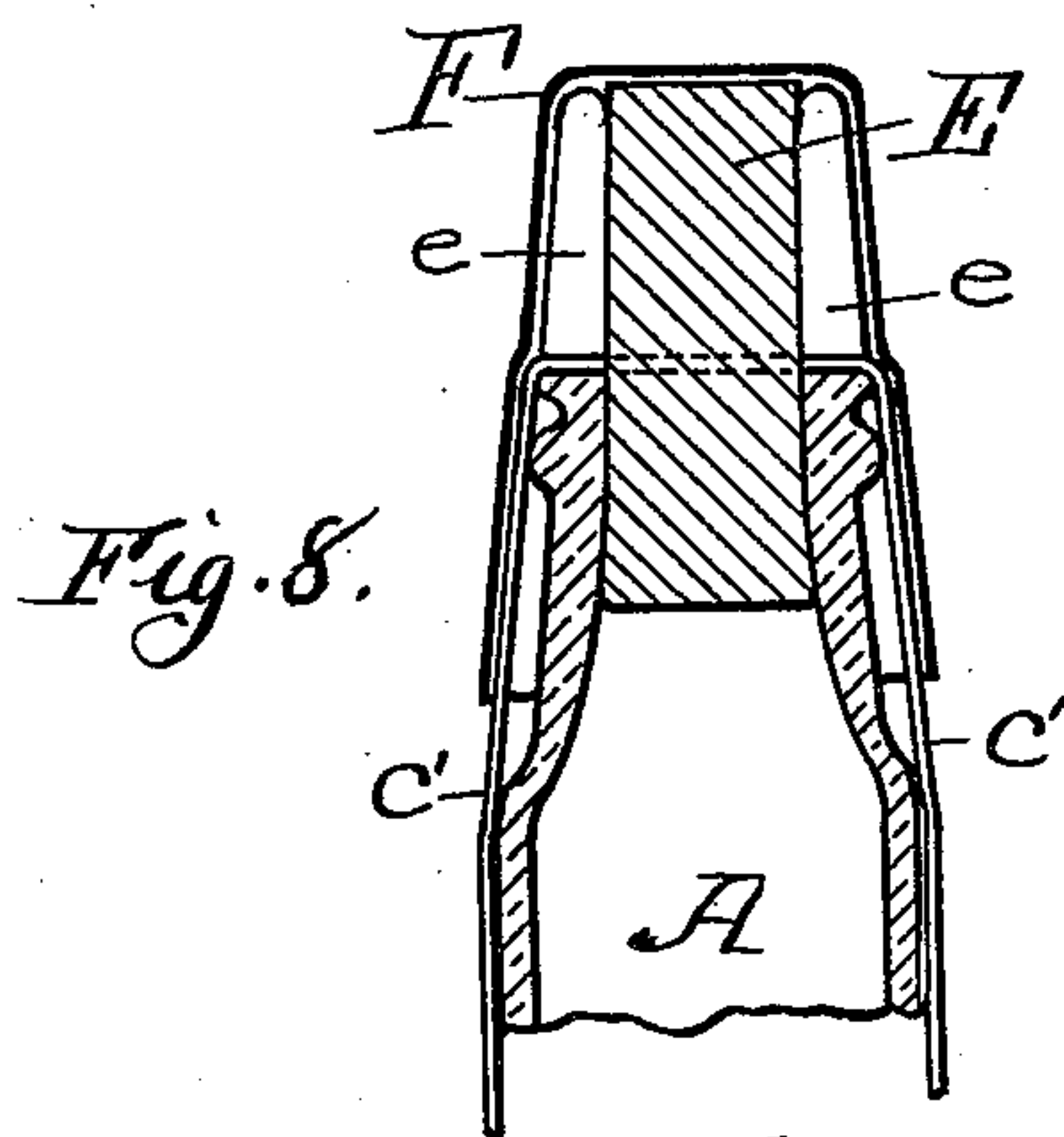
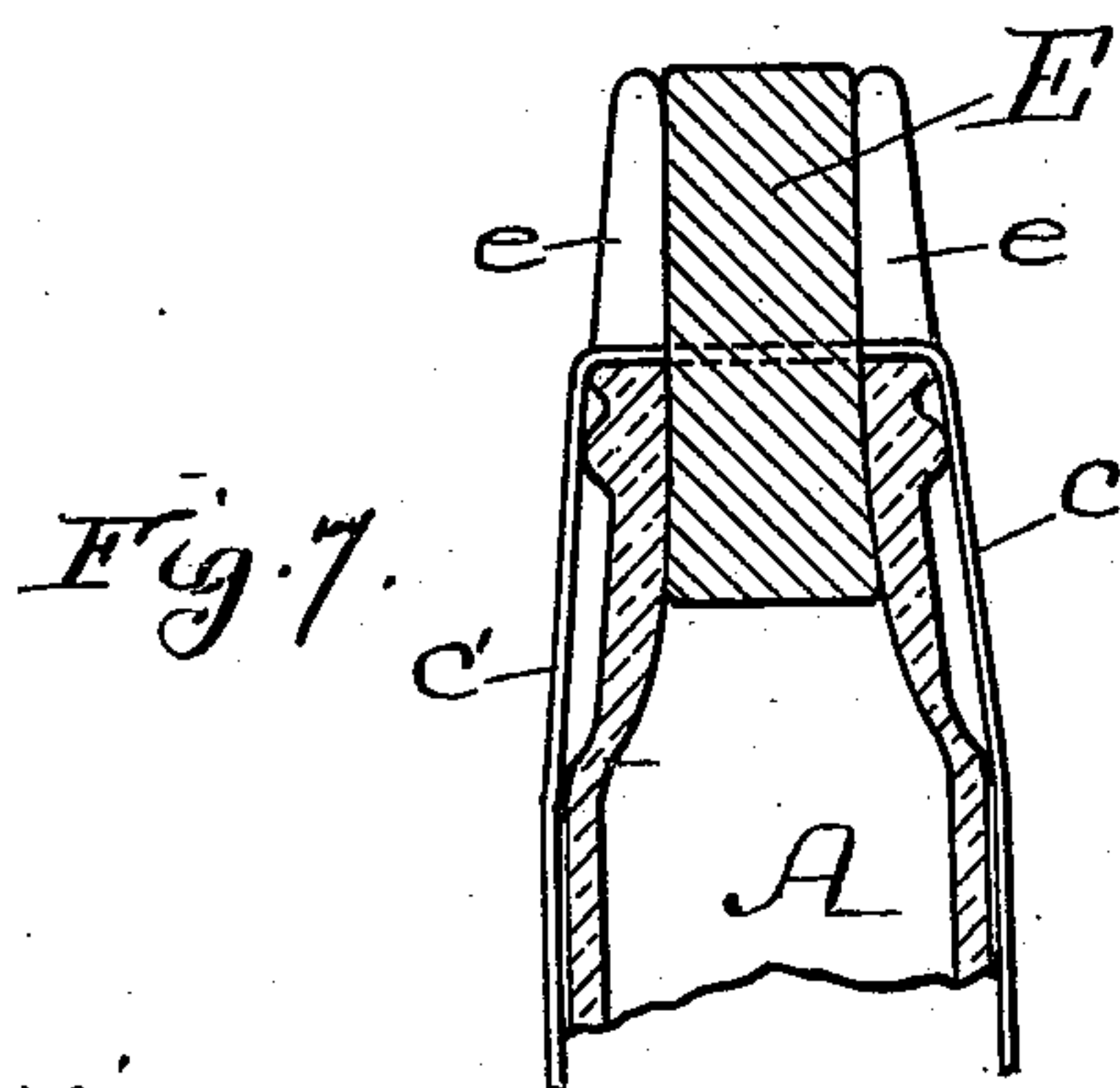
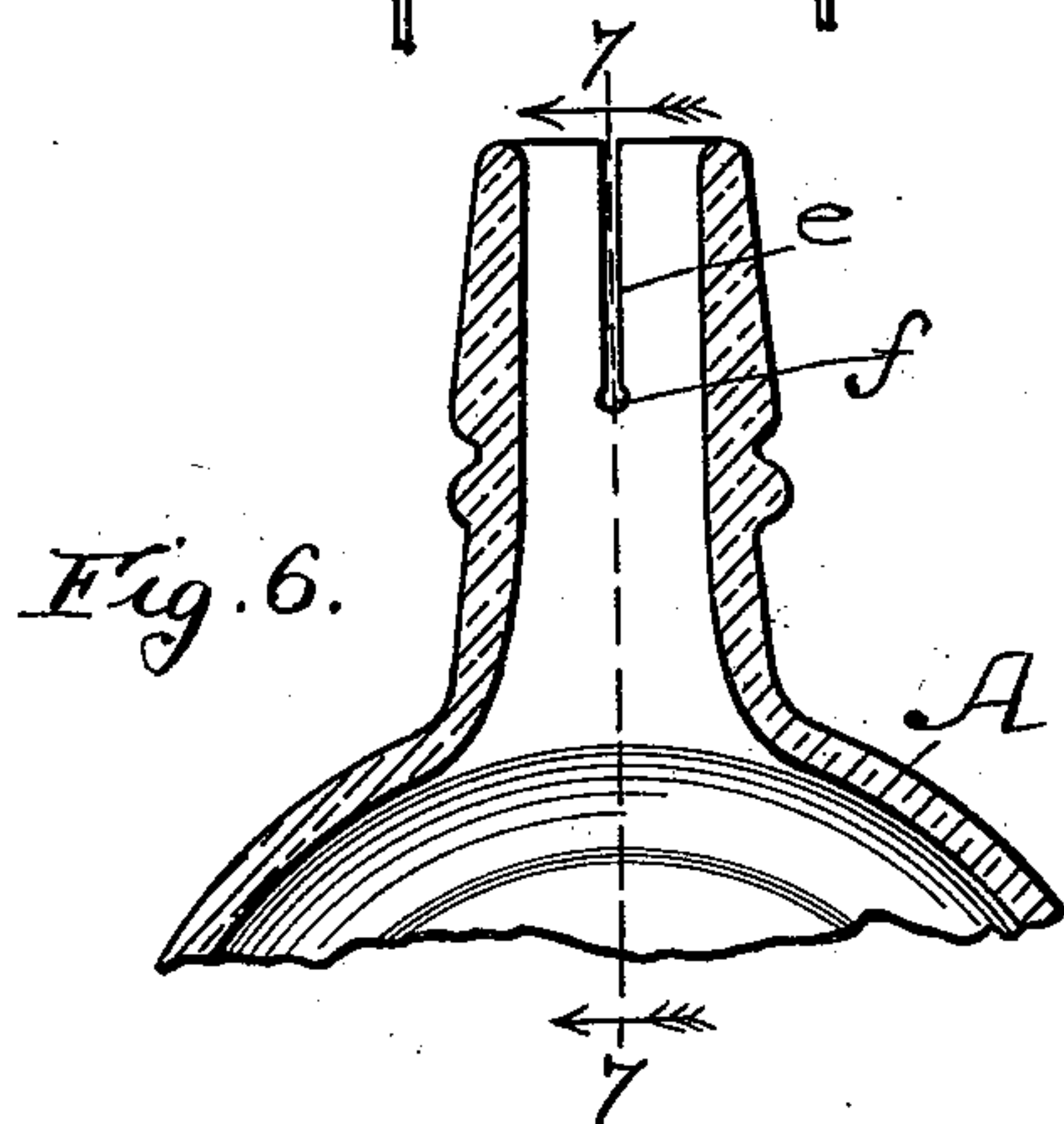
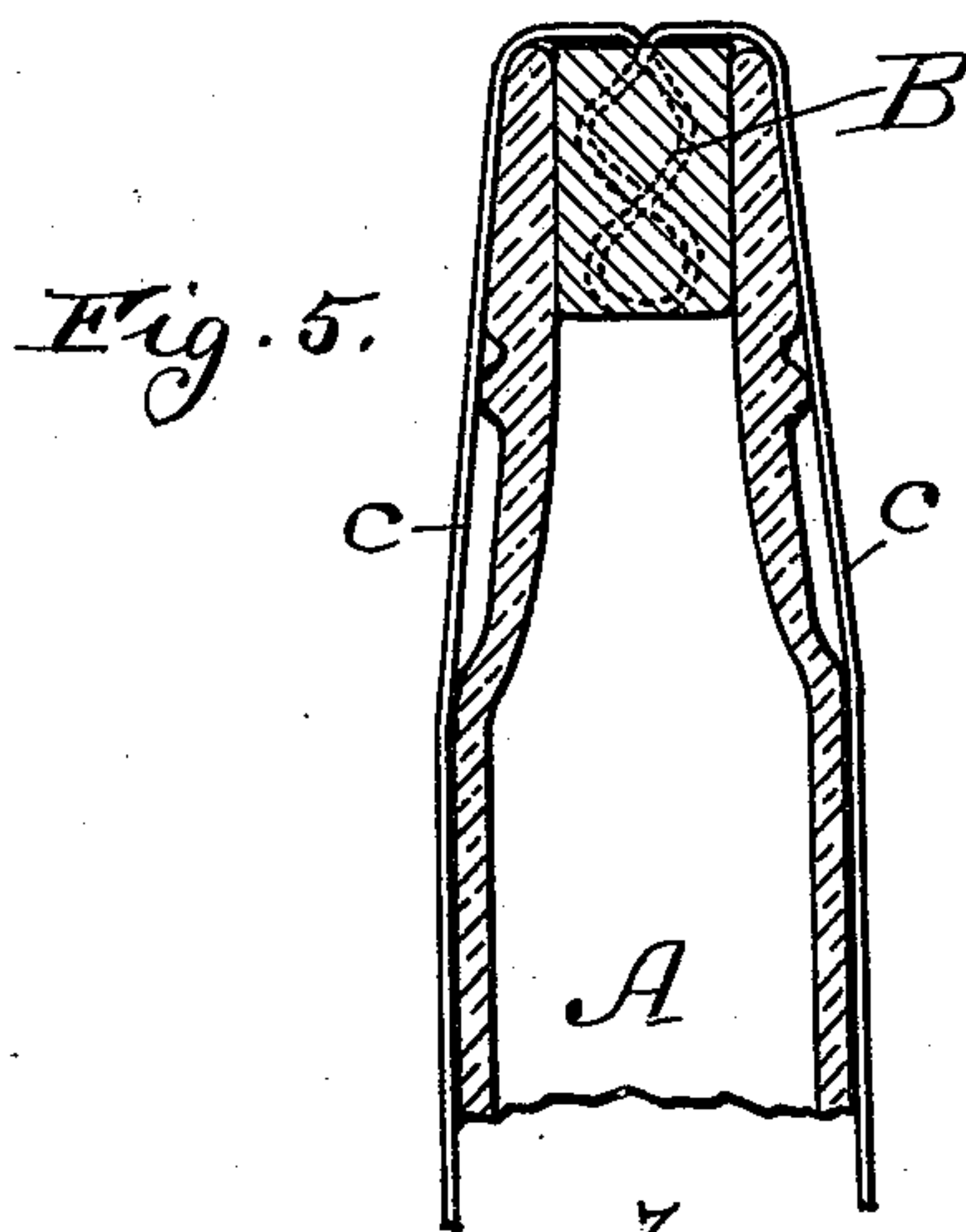
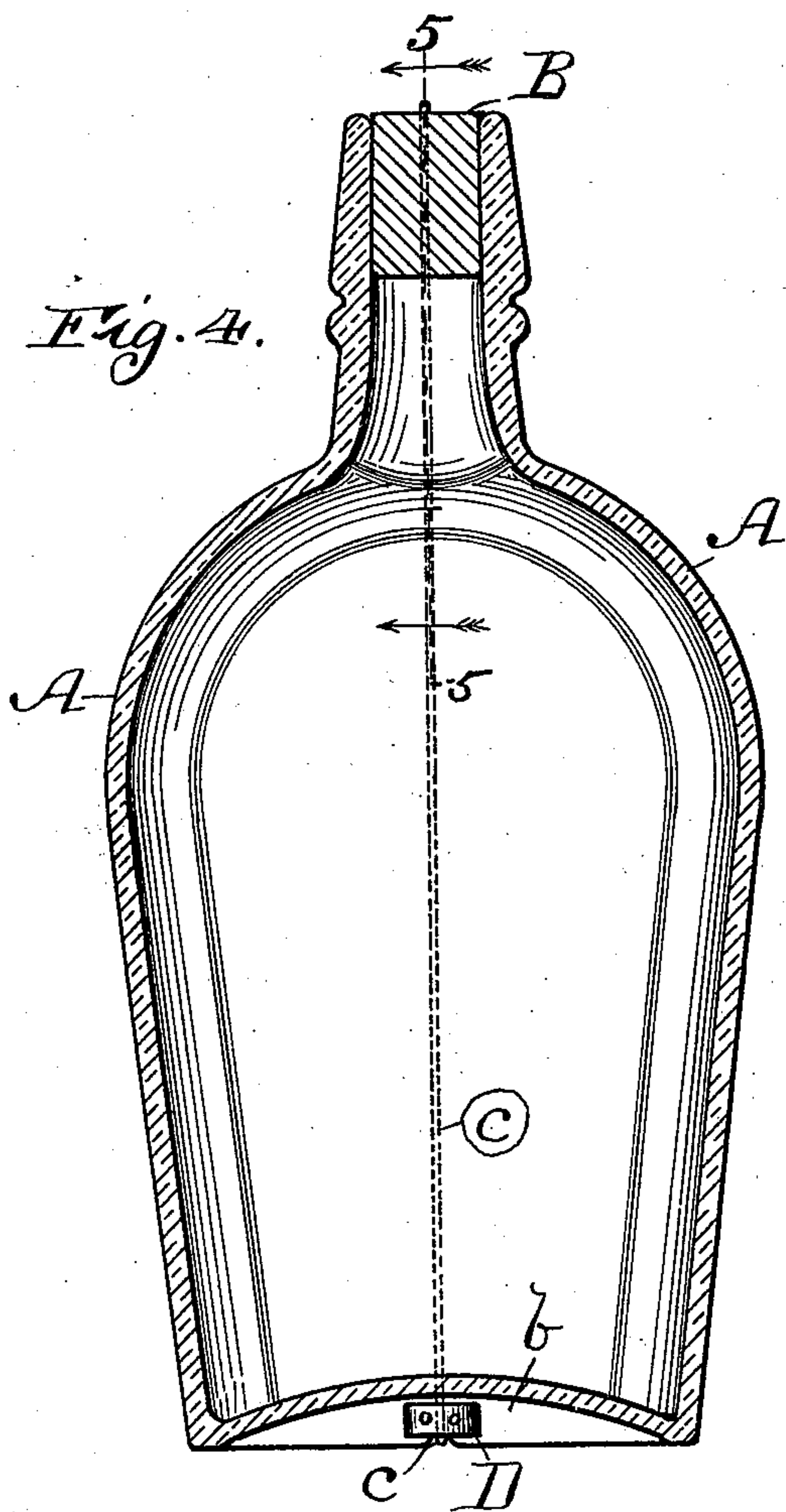
Witnesses:
R. J. Jager,
S. C. Thomas

Inventor:
Thomas C. Newman
By Frank D. Thomas
Atty.

T. C. NEWMAN.
BOTTLE.

No. 547,885.

Patented Oct. 15, 1895.



Witnesses:

W. J. Jaeger,
S. E. Thompson

Inventor:

Thomas C. Newman,
By Frank D. Thompson
Atty.

UNITED STATES PATENT OFFICE.

THOMAS C. NEWMAN, OF CHICAGO, ILLINOIS.

BOTTLE.

SPECIFICATION forming part of Letters Patent No. 547,885, dated October 15, 1895.

Application filed October 8, 1894. Serial No. 525,256. (No model.)

To all whom it may concern:

Be it known that I, THOMAS C. NEWMAN, a citizen of the United States, and a resident of Chicago, Cook county, Illinois, have invented certain new and useful Improvements in Devices for Securing Corks in Bottles, for Uncorking the Same, and Obliterating the Labels Thereof, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings and to the letters of reference marked thereon.

Heretofore considerable inconvenience and loss by fraud and otherwise have been occasioned manufacturers of bottled goods by reason of the reuse of their bottles in such condition as to deceive the general public into the belief that the said reused bottles contained the same liquor originally put therein. Moreover, much annoyance is created and experienced by the users of such bottles in their efforts to remove the cork therefrom, especially in the absence of a corkscrew or like device; and, moreover, oftentimes it is difficult to keep the corks in the bottles without the aid of some specially-constructed device made especially for that purpose.

The object of my invention is to provide a simple contrivance which securely holds the cork in place and seals the bottle until it is desired to withdraw the same, and then in order to open the bottle causes the mutilation of the label in such manner that it is thereafter plainly to be seen that the contents of the bottle have been used or tampered with.

It is a further object of my invention to utilize it, after unsealing the bottle and mutilating the label thereof, as a pull to uncork the same, substantially as hereinafter fully set forth, and as illustrated in the drawings, in which—

Figure 1 is a side view of a bottle labeled and corked and having my improvements applied thereto. Fig. 2 is a perspective view illustrating the manner of removing the cork with the aid of my invention. Fig. 3 is a section taken on the dotted line 3 3, Fig. 1, looking in the direction indicated by the arrows. Fig. 4 is a longitudinal section through the bottle, showing it sealed and illustrating the construction of the bottom to allow room for the seal. Fig. 5 is a section taken on dotted

line 5, Fig. 4, looking in the direction indicated by the arrow. Fig. 6 is a section of the head and neck of a bottle, illustrating a modified form of my improvement. Fig. 7 is a section taken on dotted line 7 7, Fig. 6, looking in the direction indicated by the arrow. Fig. 8 is a section of the head and neck of a bottle having my improvements applied thereto and showing how an ordinary soft metal cover or hood may be placed over the same. Fig. 9 is a section of the lower part of the bottle, taken on dotted line 9 9, Fig. 3.

Referring to the drawings, A represents a bottle of any desired shape or design, but which in the drawings is shown as a whisky-flask. This flask is preferably labeled on both sides or on the neck thereof, and the flattened sides of its body are provided with longitudinal central grooves *a a*, and its bottom or base is concaved, so as to provide a pocket *b* within which the seal used in connection with and forming a part of my invention is normally placed so as to be out of the way when it is desired to stand the flask or bottle upright, substantially as will hereinafter more fully appear. This flask or bottle is closed by a stopper or cork B, which has secured therein the wires *c c*, as shown. These wires extend, preferably, out of the upper end of the cork, and from thence pursue diametrically-opposite courses over the edges of the mouth of the bottle, and then downward in the grooves *a* thereof to and beyond the bottom, where they are first drawn tightly, then made to pass each other, and then finally secured, preferably, by being passed through or otherwise united by a lead seal D. The seal, as before stated and as shown in the drawings, is of such size and is so located as to normally come within the pocket *b* of the bottle. It is apparent that this seal may be located elsewhere by making one of the wires *c* longer than the other, and thus avoid the necessity for the pocket. When the cork is made to close the mouth of the bottle and the wires are drawn into the position shown in the drawings and sealed, the labels *d* are pasted on the body or neck of the bottle, so as cover the wire on one or both sides, whereupon my invention is ready for use. Now in order to open the bottle and

withdraw the cork the seal B is broken, so as to permit the wire to be pulled upward and thus mutilate the label and bring the wires into the position shown in Fig. 2 of the drawings. The bottle and the wires are then in position for the wires to be pulled upon and the cork withdrawn.

In Figs. 6, 7, and 8 of the drawings I show a slightly-modified form of my invention. This consists in providing the head of the bottle with two longitudinal slits *e*, which are located diametrically opposite each other and the lower end of each of which terminate in eyes *f*. In conjunction with this modified construction of the head I use a cork E, which is, preferably, about twice as long as the cork shown in the other figures of the drawings and which has the wires *c'* secured thereto about and projecting in a diametrically-opposite direction from about the center of length of said cork E. Now in using this modified form of my invention I place the cork in the mouth of the bottle, so that the wires *c'* register with the slots *e*, whereupon the cork is shoved into the bottle until the wires are in the eyes *f*, whereupon the said wires *c'* are secured, as hereinbefore explained. If desired, I can seal the head of the bottle with a soft metallic cover or hood F, substantially as shown in Fig. 8, and thus render it more difficult for the bottle to be opened and inferior liquor to be substituted therefor. The seal may be entirely dispensed with, if desired, and the wires be fastened in some other manner, either separately or together, without departing from the spirit of my invention, and instead of the wires being

used some equivalent, made of other material, can be substituted therefor.

The use of my invention will be more fully appreciated when it is considered that the opening of the bottle cannot be affected without mutilating the seal and destroying the label, and thus render detection certain. After the wires have once been cut, the cork B cannot be used again, so as to after close a refilled bottle and at the same time be fastened as it was originally.

What I claim as new is—

1. The combination with a bottle having longitudinal grooves extending down the sides thereof, and label therefor, of a cork, two lengths of wire suitably secured in said cork and extending longitudinally down the sides of said bottle in said grooves and under said bottle, and a seal for fastening the ends of said wire so that they pass under said bottle, as and for the purpose set forth.

2. The combination with a bottle having longitudinal grooves extending down the sides thereof, and having a concavity or pocket in the bottom of the same, and label therefor, of a cork, two lengths of wire suitably secured in said cork and extending longitudinally down the sides of said bottle in said grooves and under said label and to and beyond the bottom of the bottle, and a seal for fastening the lower ends of said wire, as and for the purpose set forth.

THOMAS C. NEWMAN.

Witnesses:

FRANK D. THOMASON,
SAMUEL E. THOMASON.