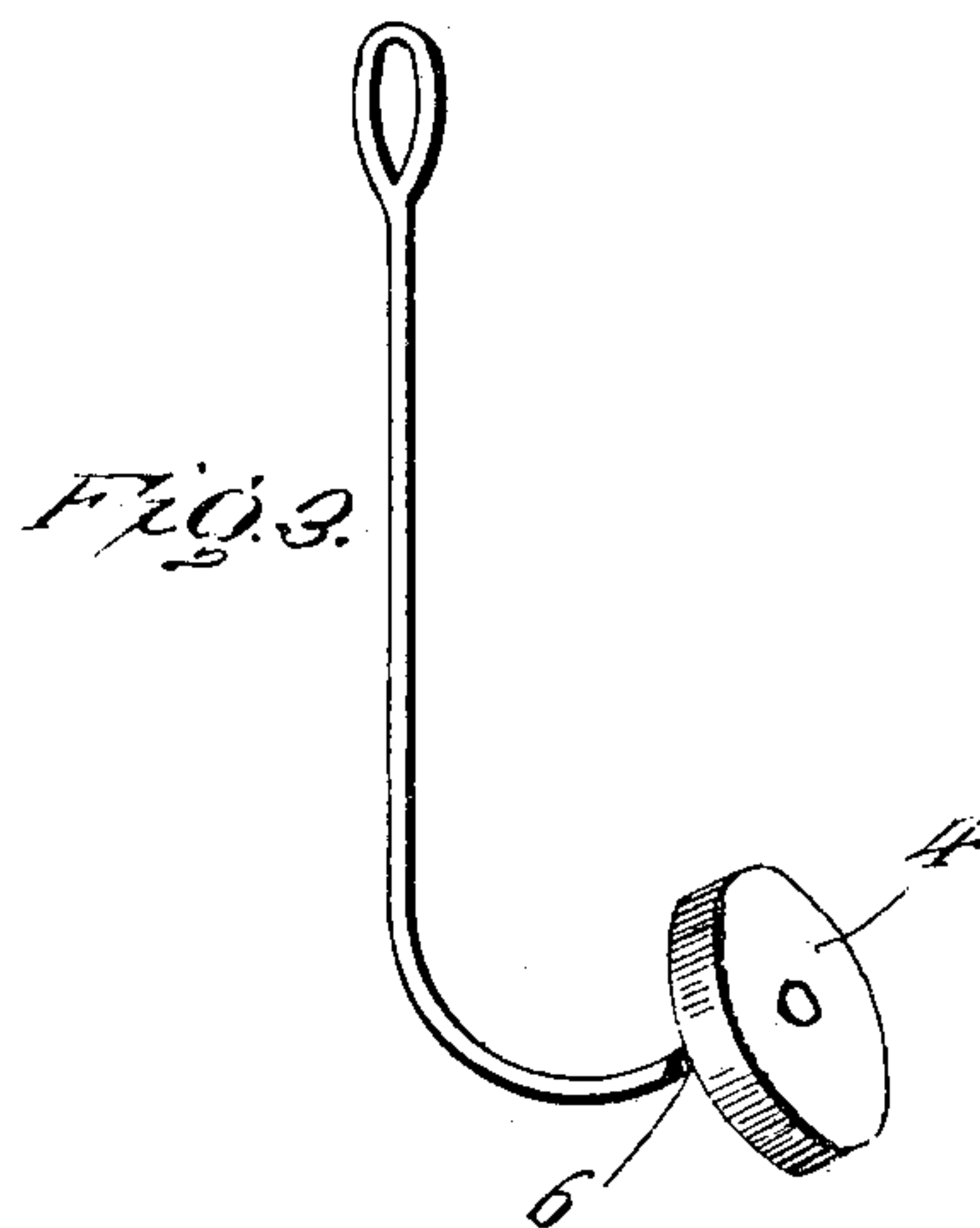
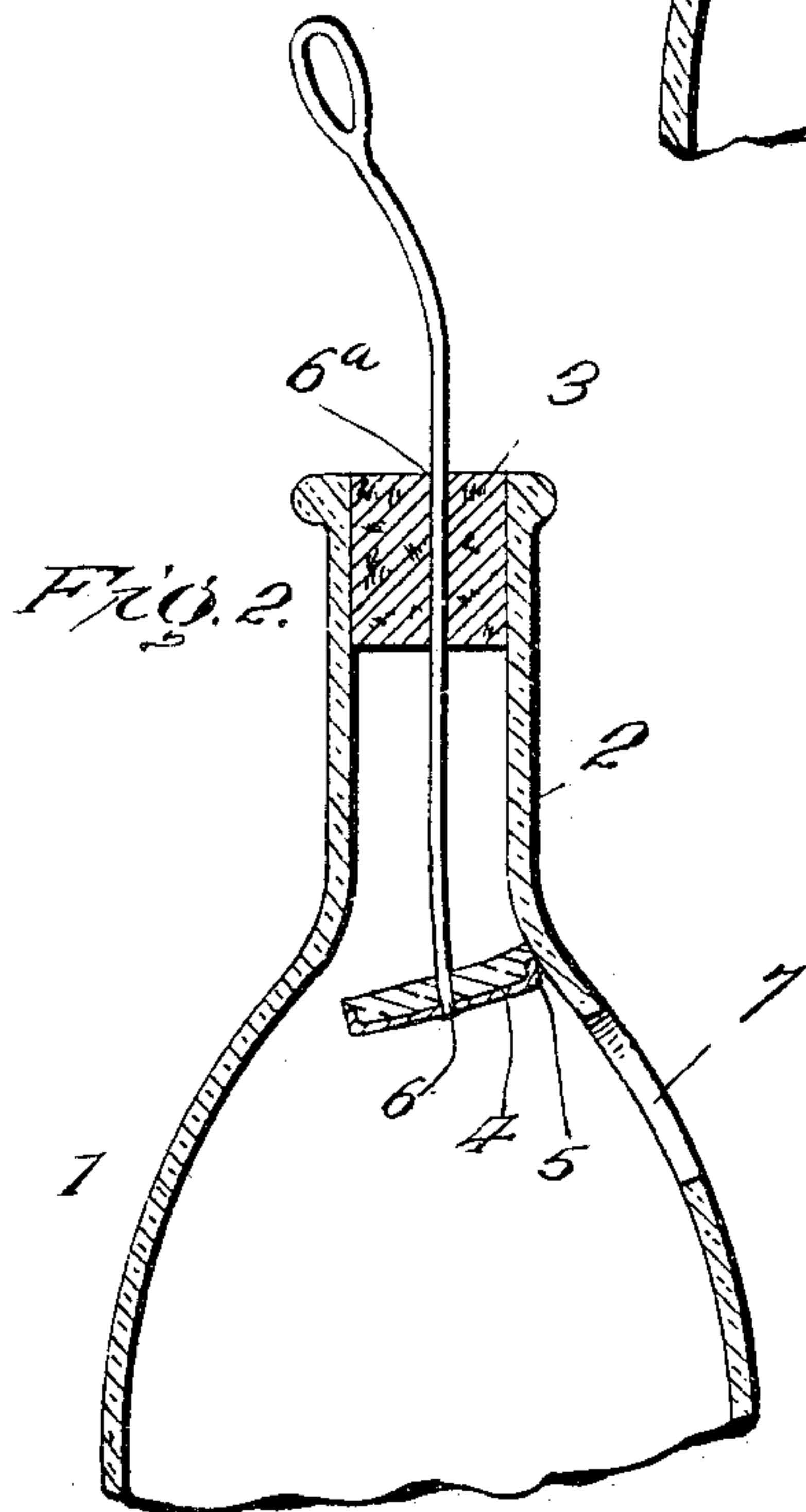
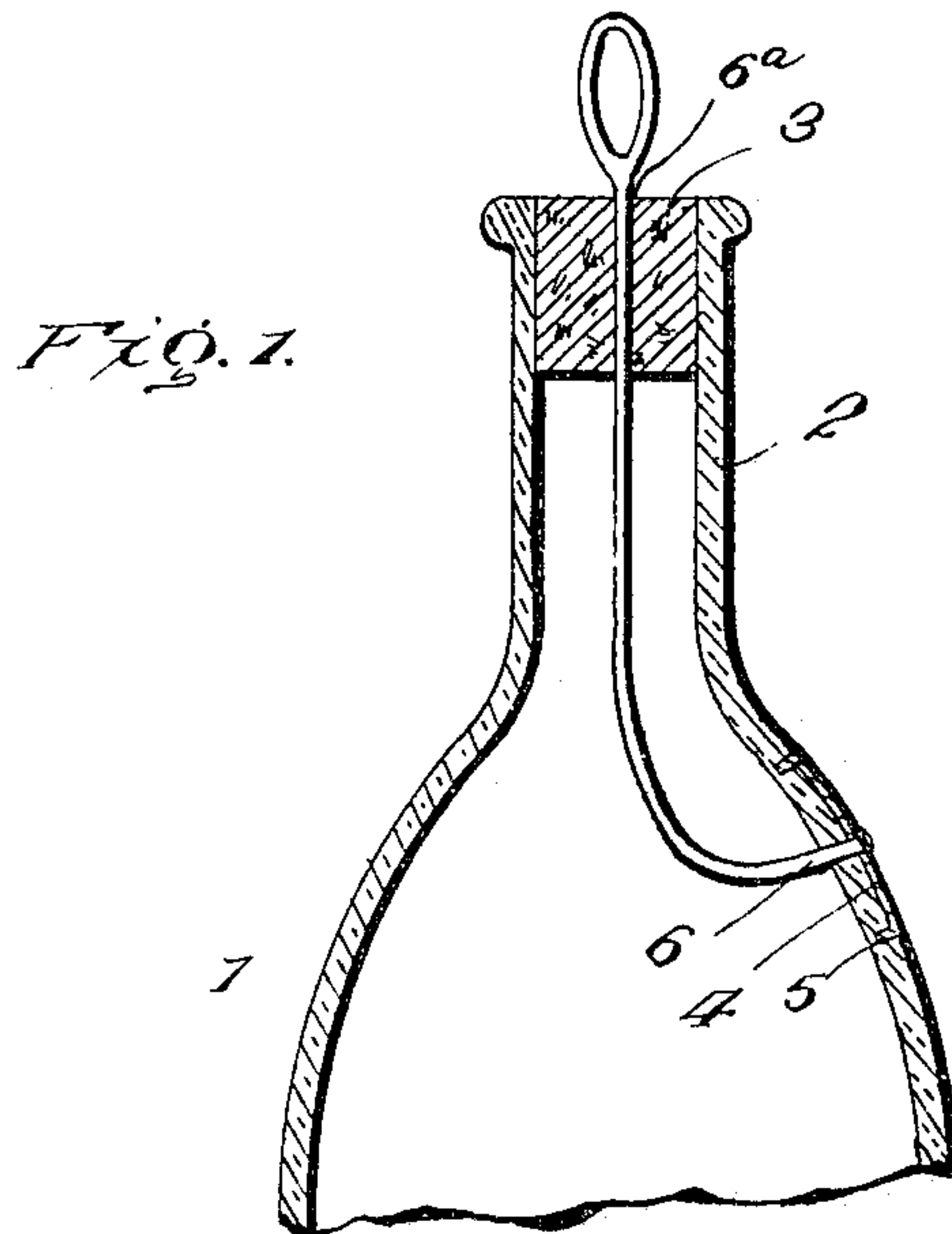


No. 819,169.

PATENTED MAY 1, 1906.

H. O. RICHTER.
ANTIREFILLING BOTTLE.
APPLICATION FILED JUNE 23, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

HENRY O. RICHTER, OF CLINTON, MASSACHUSETTS.

ANTIREFILLING BOTTLE.

No. 819,169.

Specification of Letters Patent.

Patented May 1, 1906.

Application filed June 23, 1905. Serial No. 266,655.

To all whom it may concern:

Be it known that I, HENRY O. RICHTER, a citizen of the United States, residing at Clinton, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Antirefilling Bottles, of which the following is a specification.

This invention relates to improvements in that type of receptacles having means for preventing likelihood of refilling of the receptacle after the original contents thereof have been withdrawn.

In carrying out the invention the receptacle is provided with an auxiliary seal which closes an auxiliary outlet and which seal when displaced forms an indicator which cannot be removed from the bottle or receptacle without mutilation thereof, such indicator forming an effective means for showing that the original contents of the bottle have been removed, and thereby obviating likelihood of an attempt to refill the same.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a vertical sectional view showing the invention applied to a bottle. Fig. 2 is a view showing the indicating-seal displaced and the bottle opened for removal of the contents thereof. Fig. 3 is a detail perspective view of the sealing device alone.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawings, the numeral 1 designates the bottle, and the numeral 2 the neck thereof, the neck being adapted to be closed by the usual cork or stopper 3. At a suitable point, preferably in the upper portion of the body of the receptacle, is arranged the auxiliary seal 4, and this seal consists, preferably, of a sealing disk or plate flanged, as shown at 5, and embedded in a side of the receptacle in the molding thereof. The portion of the body in which the seal 4 is embedded is weakened not only because of the construction of the seal itself, but, if desirable, the glass or material from which the receptacle is made may be of decreased thickness at this portion, so that the seal 4 may be

readily displaced or broken from the bottle, and thereby form an outlet or opening through which the contents of the receptacle may have egress in pouring the same therefrom. The seal 4 is adapted to be displaced from the body of the bottle by a connection 6, which is preferably a length of wire, one end of which is passed through an opening in the sealing-disk 4 and attached thereto in any suitable way. The connection 6 is arranged interior of the receptacle a major portion of its length, the end portion of said connection opposite that secured to the disk 4, however, extending out of the bottle through a neck thereof, as shown at 6^a. If desired, a finger-loop may be provided in the outer portion of the connection 6, so that said connection may be readily grasped in actuating the same to open the bottle for removal of the contents thereof.

When it is desired to remove the contents of the bottle 1, the same being closed, as shown clearly in Fig. 1 of the drawings, the loop 6^a or the exterior end portion of the connection 6 is grasped and pulled upon. When pulled upon, the connection 6 will displace the seal 4 or break the same from the bottle, said seal being frangible, because of the manner of embedding the same in the side of the receptacle; and when the seal has been removed in the above manner it will be noted that an outlet-opening is made, and the contents of the receptacle may be readily poured therefrom through said opening. The outlet-opening is indicated at 7 in Fig. 2, and owing to the fact that the seal 4 is made larger than the opening through the neck 2 of the bottle it is impracticable for the seal to be removed from the interior of the receptacle unless the latter be mutilated or broken in pieces. It will thus be seen that after the contents of the receptacle have been poured out through the opening 7 the seal 4 will be disposed in the interior thereof and will constitute an indicator which will show clearly that the original contents of the bottle have been used.

The disk 4 may be of various shapes, and the connection 6 is flexible, being preferably made of wire or like material.

Having thus described the invention, what is claimed as new is—

1. In combination with a bottle or like necked receptacle, a seal embedded in a side of the bottle and frangible to admit of di-

placement thereof to form an outlet-opening, and a connection for displacing said seal extending out of the bottle.

2. In combination with a bottle or like
5 necked receptacle, a seal therefor comprising a sealing-disk larger than the opening in the neck of the bottle and embedded in a side of said bottle, and a connection connected at
10 one end with the disk and passing out of the bottle through the neck thereof and adapted to displace the sealing-disk.

3. In combination with a bottle, a sealing-disk embedded in a side thereof and comprising a flanged plate, and a flexible con-
15 nection arranged within the bottle and con-

nected at one end to the said sealing-disk, the other end of said connection passing out of the bottle through the neck thereof and formed with a finger-loop for connection thereof, the sealing-disk being of a size larger 20 than the opening in the neck of the bottle to prevent the disk from being withdrawn from the receptacle.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY O. RICHTER. [L. s.]

Witnesses:

ALBERT E. JEWETT,
SAMUEL ROSS.