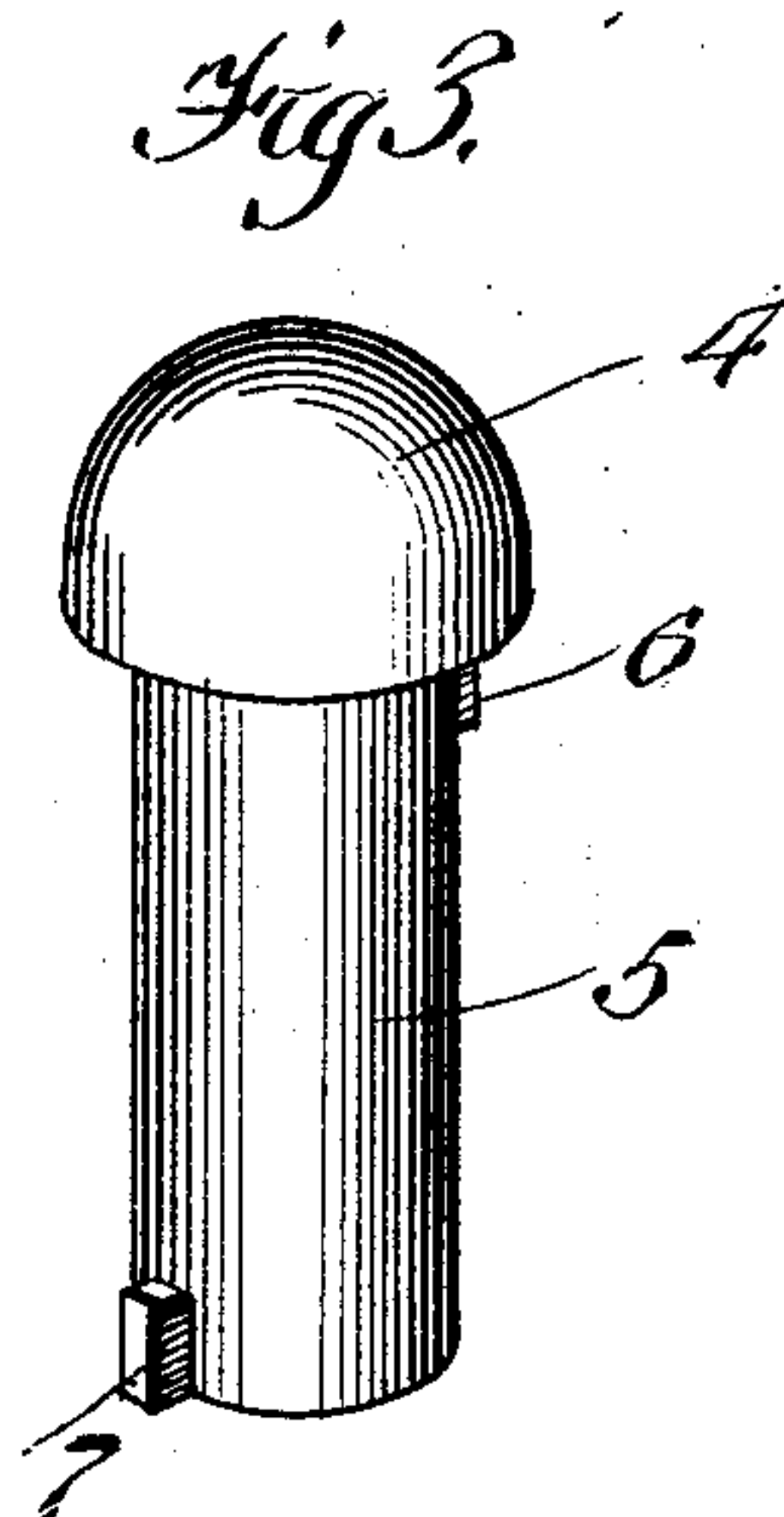
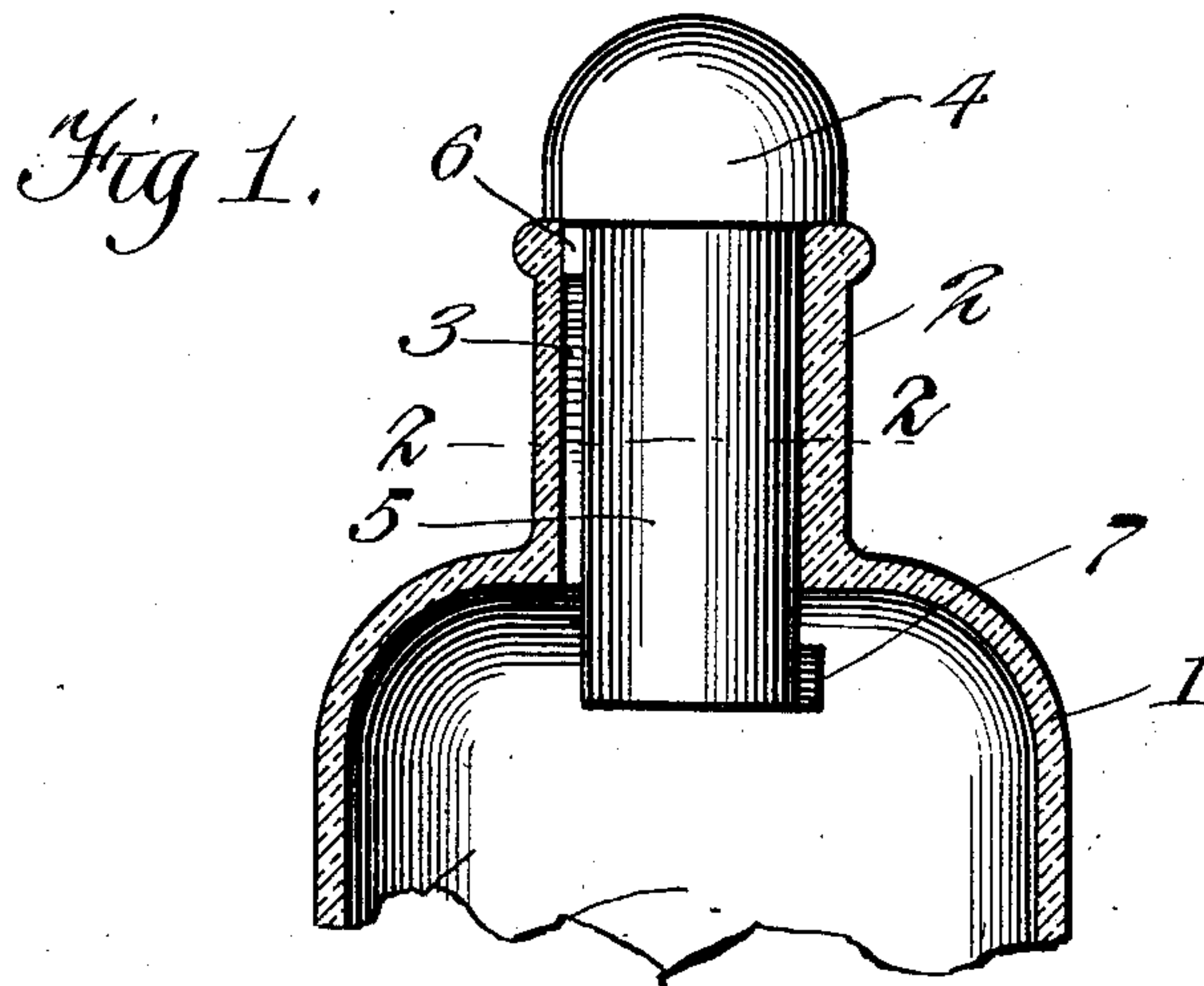


C. O. SMITH.  
BOTTLE.

APPLICATION FILED JULY 28, 1909.

924,848.

Patented June 15, 1909.



Witnesses

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# UNITED STATES PATENT OFFICE.

CHARLES O. SMITH, OF QUOQUE, NEW YORK.

## BOTTLE.

No. 924,848.

Specification of Letters Patent.

Patented June 15, 1909.

Application filed July 28, 1908. Serial No. 445,767.

*To all whom it may concern:*

Be it known that I, CHARLES O. SMITH, a citizen of the United States, residing at Quoque, Long Island, in the county of Suffolk and State of New York, have invented new and useful Improvements in Bottles, of which the following is a specification.

This invention relates to bottles and stoppers therefor, and one of the principal objects of the same is to provide means whereby the contents of the bottle may be indicated whenever it is desired to use the same.

Another object of the invention is to provide a bottle and a stopper therefor which must be first slightly withdrawn and rotated in order to give access to the contents of the bottle.

Still another object of the invention is to provide a bottle with a groove in the neck thereof which extends from the mouth of the bottle entirely through the neck and communicates with the body portion of the bottle, and a stopper having a lug upon one side which locks into said groove at the top and a cylinder lug at the bottom and upon the opposite side of the stopper, the groove serving as a dropper for the contents of the bottle and the lugs on the stopper serving to prevent access to the contents without such manipulation as indicates that the bottle contains a dangerous compound.

The objects and advantages hereinbefore referred to may be attained by means of the construction illustrated in the accompanying drawing, in which:—

Figure 1 is a view showing the upper portion of a bottle in section and a stopper in elevation in the neck thereof, said bottle and stopper embodying my invention. Fig. 2 is a horizontal sectional view on the line 2—2 of Fig. 1. Fig. 3 is a perspective view of the stopper.

Referring to the drawing, the numeral 1 designates a bottle, the body portion of which may be of any suitable size and contour.

The neck portion 2 of the bottle is provided with a groove 3 which extends from the top or mouth of the bottle entirely through the neck and communicates with the interior of the bottle. The neck 2 of the bottle, aside from the groove 3, may be of any suitable shape or construction.

A stopper provided with a head 4 and a cylindrical portion 5 of less diameter than the head is provided immediately under the head 4 with a lug 6 of a size to fit within the

groove 3. At the opposite end of the stopper 5 a similar lug 7 is formed, this lug also being of such size as to move freely in the groove 3. 60

The operation of my invention may be briefly described as follows: When inserting the stopper 5 in the bottle the lug 7 is brought into coincidence with the groove 3 and the stopper is then inserted into the bottle until the lug 7 is within the bottle or beyond the neck portion 2. By then turning the stopper until the lug 6 comes into coincidence with the groove 3 and is inserted therein, as shown in Fig. 1, the stopper is locked against rotation. In order to gain access to the contents of the bottle it is necessary to first lift the head 4 until the lug 6 is cleared from the groove 3, by then rotating the stopper half a turn the lug 7 is brought into register with the groove 3 then the stopper may be removed. However, dangerous remedies are usually dispensed in small quantities, in drops usually, and in order to dispense the quantity required the groove 3 may be utilized for this purpose and when so used the stopper 5 is lifted until the lug 6 is out of engagement with the groove and the stopper then is rotated part of a turn so that the contents may be dropped through the groove 3 and out at the mouth of the bottle without removing the stopper. 75 80 85

My invention is of simple construction, can be manufactured at low cost and provides a reliable guard and indicator for use in poison bottles and those bottles containing dangerous remedies. Moreover, means are provided whereby the contents may be dispensed in drops without removing the stopper. 90

I claim:—

1. A bottle provided with a neck having a groove extending from end to end of said neck and a stopper provided with a head, a locking lug under said head designed to fit said groove, and a lug formed at the end of the stopper and upon the side opposite the locking lug. 95 100

2. A bottle and stopper therefor comprising a bottle having a neck provided with a groove, and a stopper provided with a locking lug near one end and a lug near the other end upon the opposite side from the locking lug. 105

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

CHARLES O. SMITH.

Witnesses:

MARCUS E. GRIFFIN,  
ALICE M. ARCHIBALD.