

912,156.

Patented Feb. 9. 1909

Fig 1.

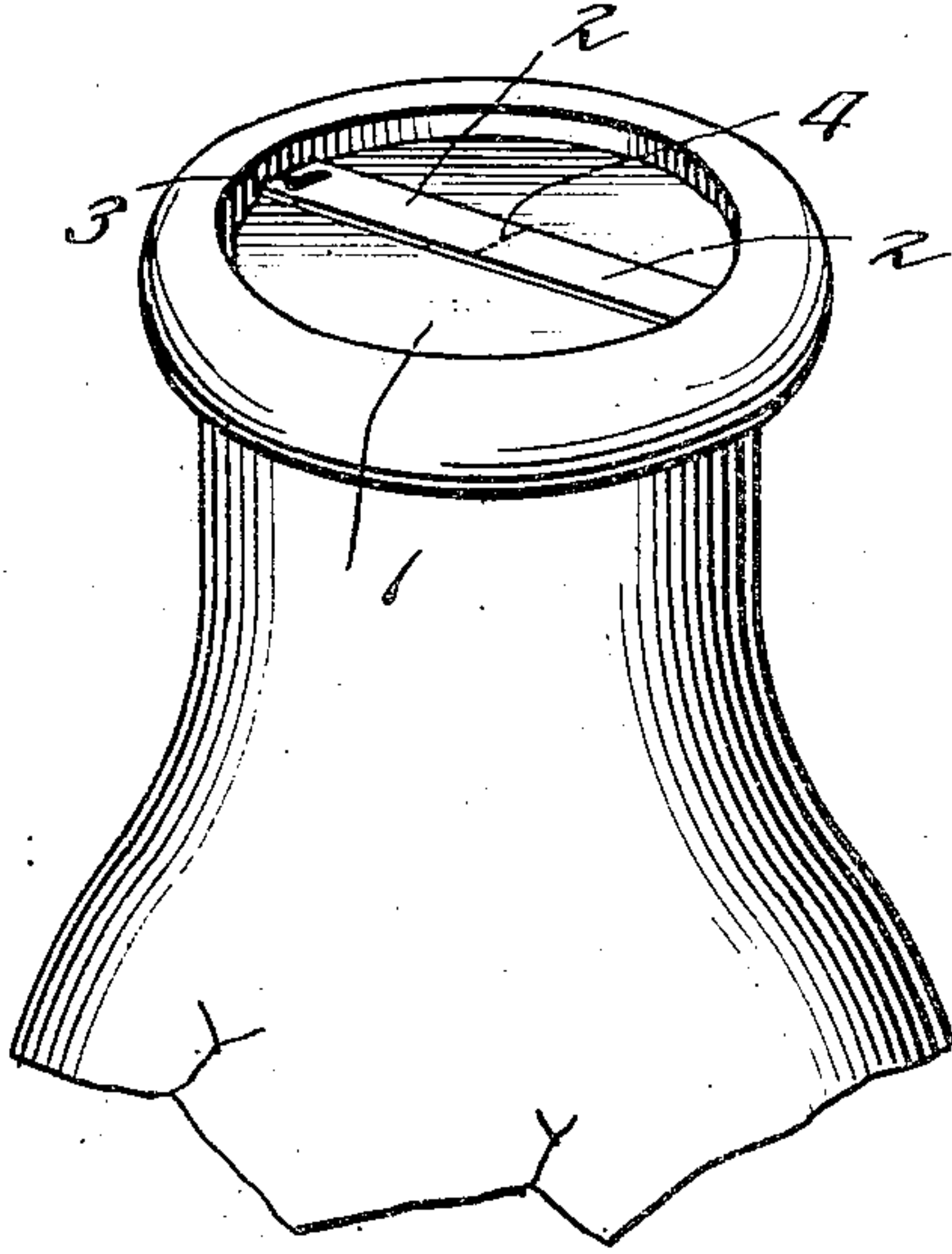


Fig 3.

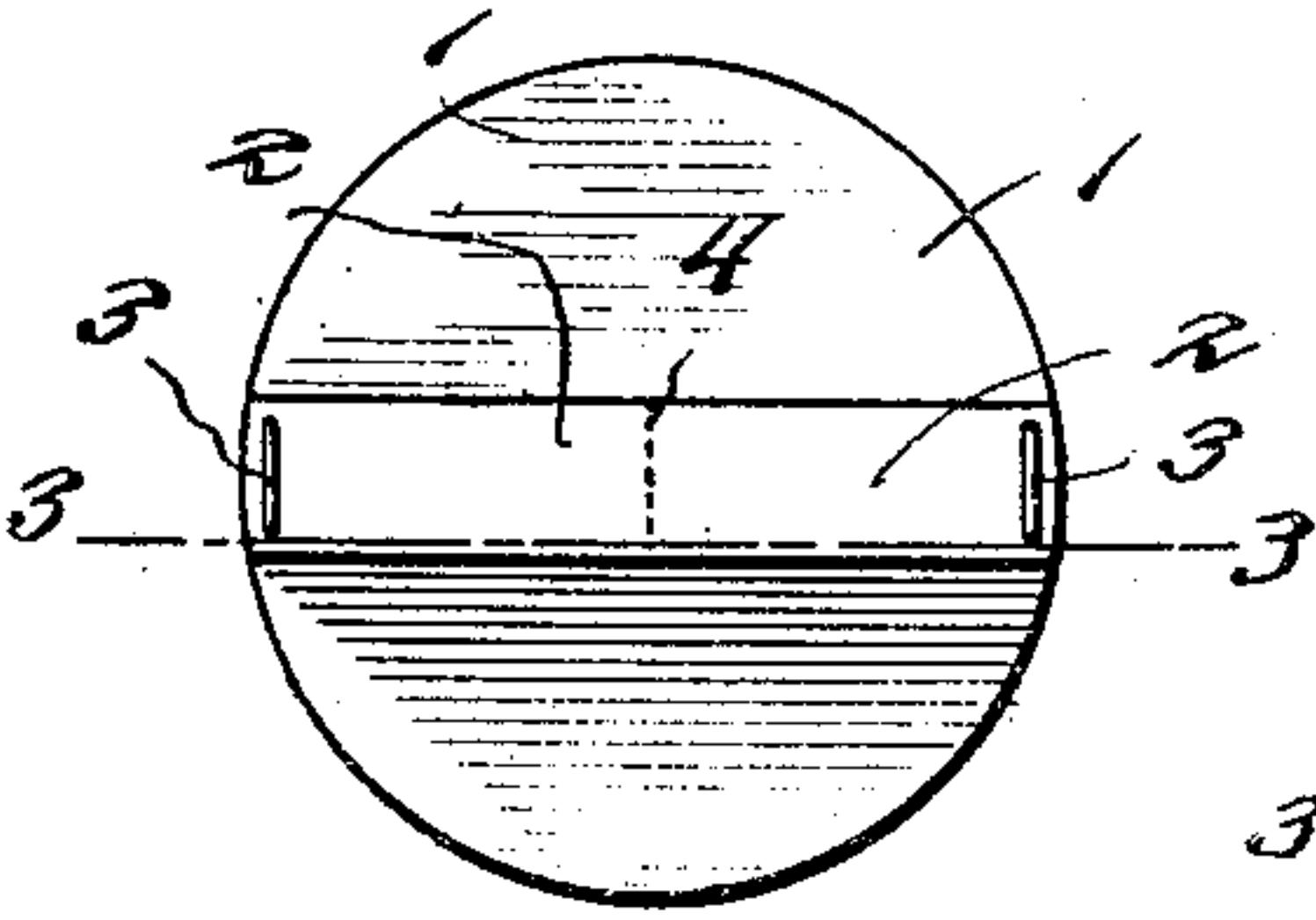


Fig 4.

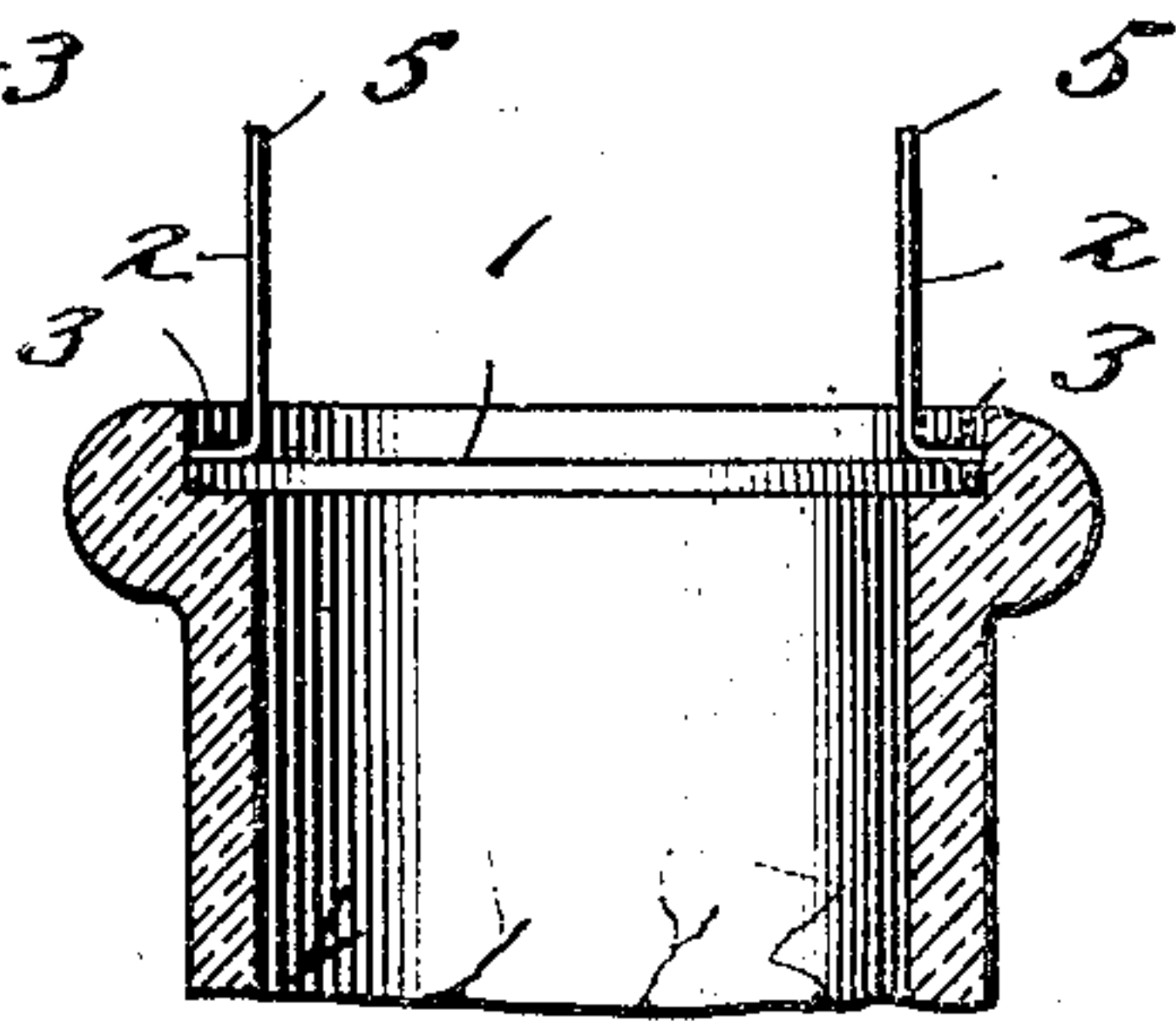
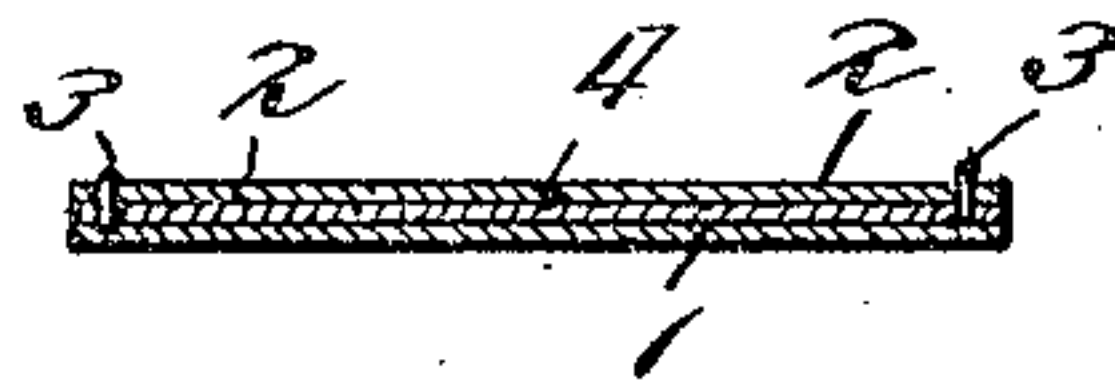


Fig 2.

Witnesses

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UNITED STATES PATENT OFFICE.

JAMES J. O'GRADY, OF CHICAGO, ILLINOIS.

BOTTLE-STOPPER.

No. 912,156.

Specification of Letters Patent.

Patented Feb. 9, 1909.

Application filed May 29, 1908. Serial No. 435,698.

To all whom it may concern:

Be it known that I, JAMES J. O'GRADY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Bottle-Stoppers, of which the following is a specification.

This invention relates to improvements in bottle stoppers and has reference more particularly to that class thereunder known as disks.

The primary object of the invention is to provide a device of this character wherein a pull is secured adjacent the edges of the disks and extending transversely thereof, said pull being perforated, the purpose of such perforation is to enable one to detect any tampering with the contents of the bottle.

A further object of the device of the character described, is to provide a perforated pull so when the pull is broken the stopper can be removed by grasping either end of the pull.

A still further object of the invention is to provide a stopper for a bottle which is simple in construction, efficient in practice and one that can be manufactured and sold at a comparatively low cost.

With the above and other objects in view the invention consists in the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claims appended thereto.

In the accompanying drawing which illustrates one of the embodiments of the invention, Figure 1 is a perspective view illustrating the application of my improved bottle stopper, Fig. 2 is a sectional view taken on a plane extending vertically and centrally through a bottle equipped with my invention, Fig. 3 is a plan of my stopper, and Fig. 4 is a sectional view taken on line 3—3 of Fig. 3 of the drawings.

Referring more particularly to the drawing, 1 designates a circular bottle stopper adapted to be applied to a bottle, as clearly shown in Fig. 1, of the drawing. The stopper is provided with a pull 2, said pull being preferably a ribbon which extends transversely the central portion of the stopper and secured thereto adjacent the edges of the stopper, by means of rivets 3. The pull 2 is provided with a series of perforations 4 extending transversely of the pull and disposed at a point intermediate the ends, for the purpose of enabling a person to readily discover whether or not the contents of the bottle have been used. A use of the pull would result from the comfort and convenience experienced in removing the cork or stopper when the pull is broken, by grasping either of the ends of the ribbon, as clearly demonstrated in Fig. 2 of the drawing.

From the foregoing, taken in connection with the accompanying drawing, the construction and mode of operation of the invention should be understood without a further extended description.

Changes in the form proportions and minor details of construction may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

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

The combination with a disk, of a pull secured to the top face of the disk, said pull comprising a flexible member formed with a series of transversely aligned perforations, and means for securing the ends of the member to the disk.

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

JAMES J. O'GRADY.

Witnesses:

J. JAMES O'CONNOR,
DENNIS W. SULLIVAN.