

No. 850,741.

PATENTED APR. 16, 1907.

J. H. DUNSTAN.

BOTTLE.

APPLICATION FILED APR. 24, 1906.

Fig. 1

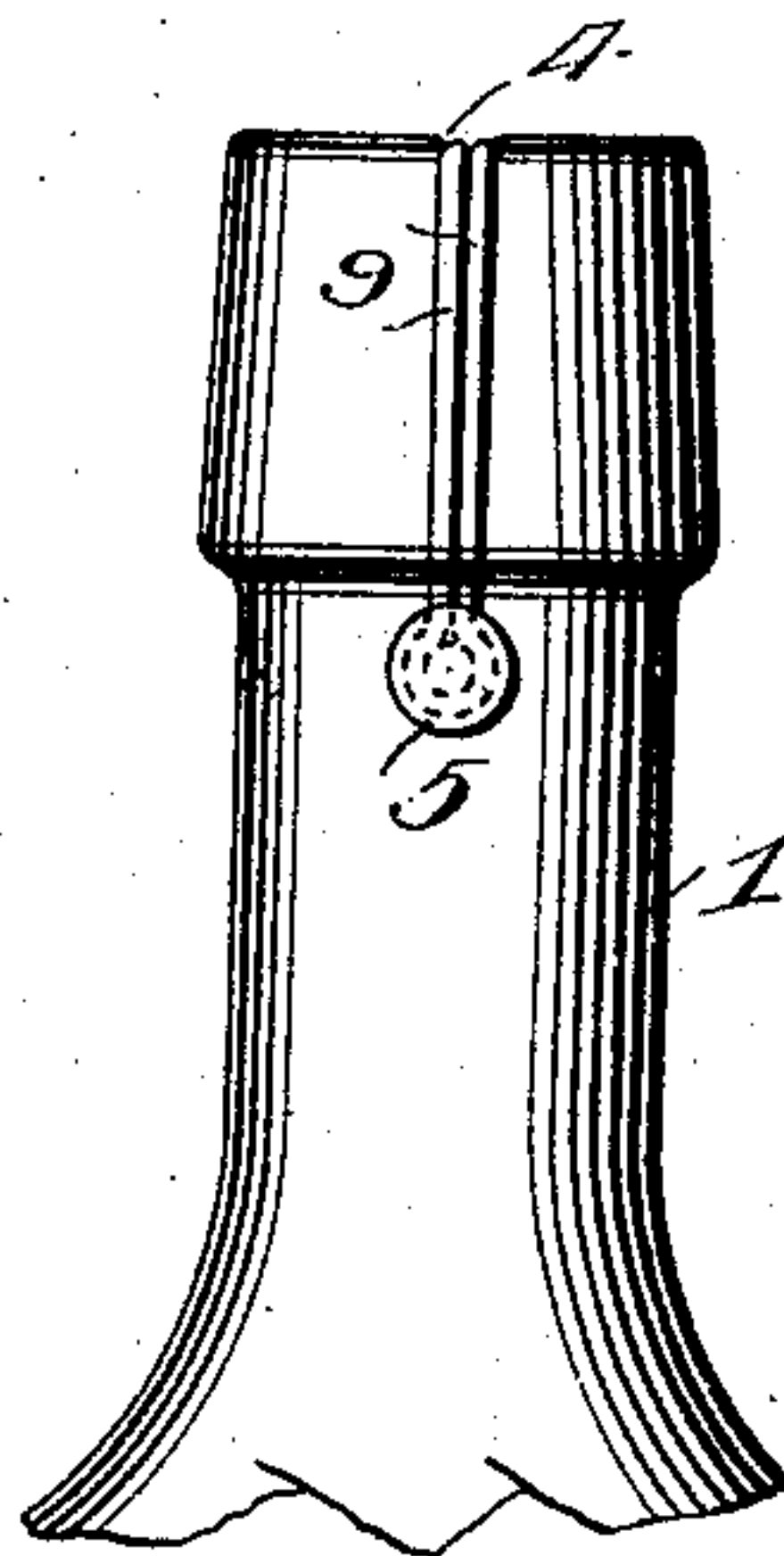


Fig. 2.

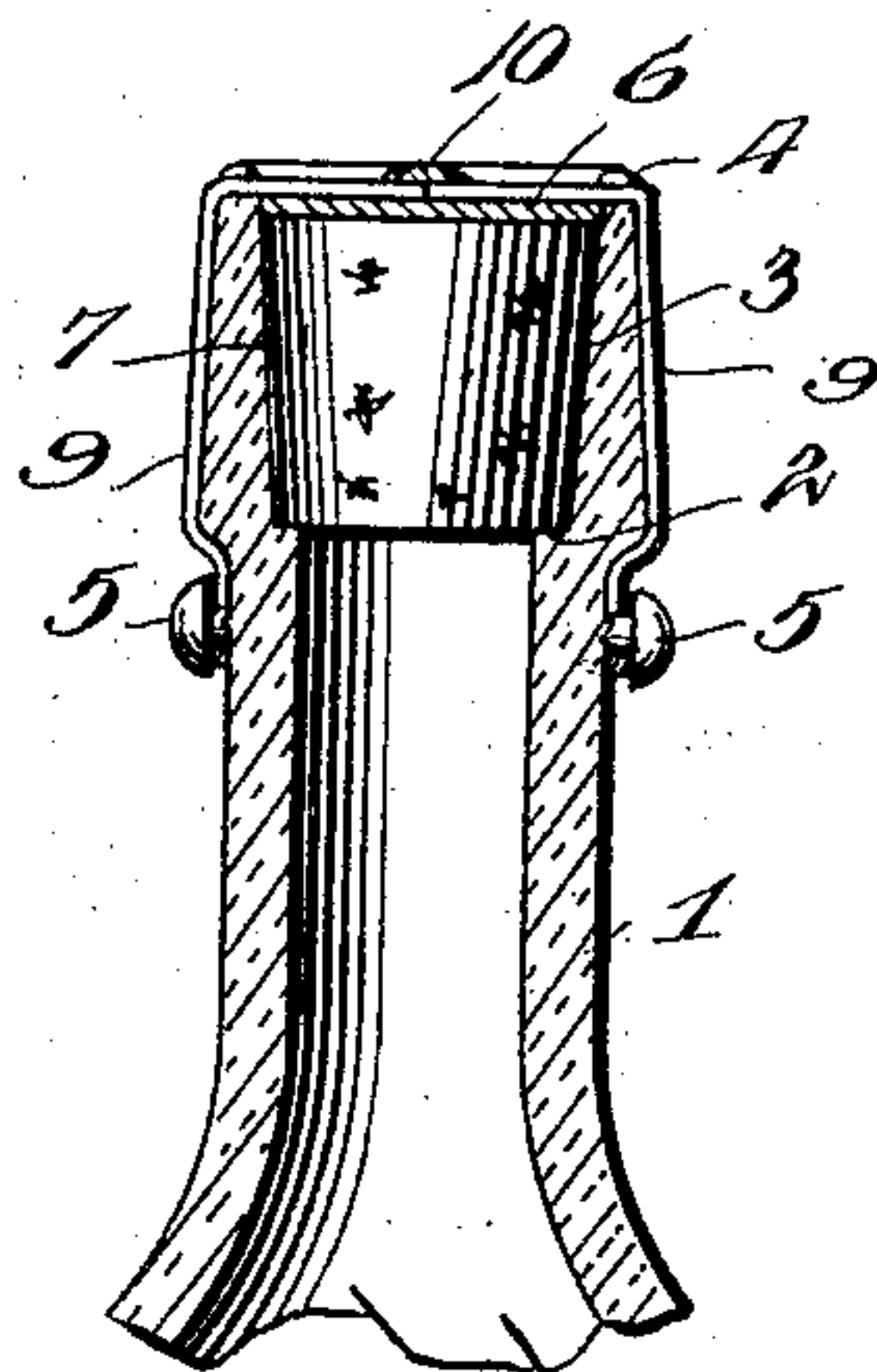
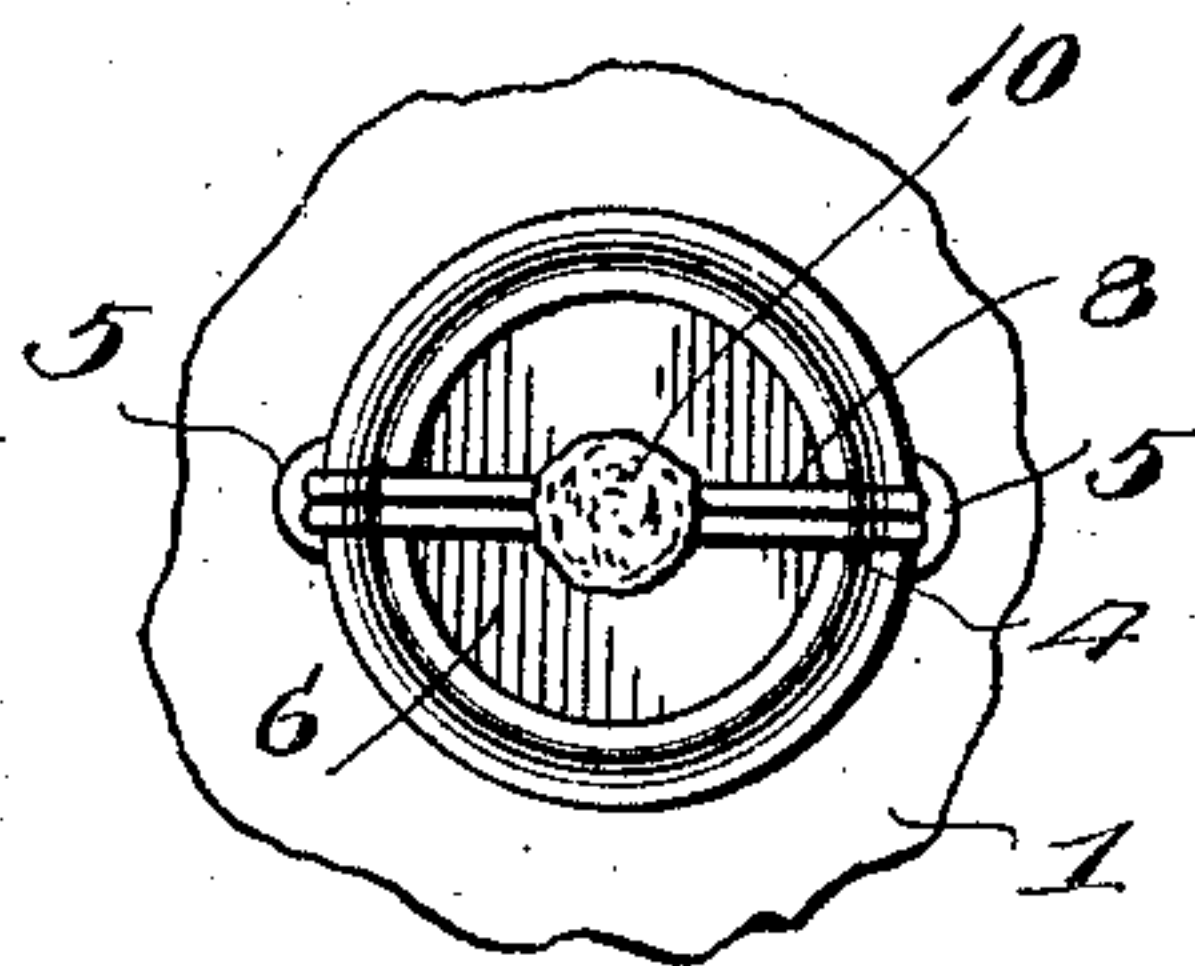


Fig. 3.

Witnesses

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# UNITED STATES PATENT OFFICE.

JAMES H. DUNSTAN, OF SUSANVILLE, OREGON.

## BOTTLE.

No. 850,741.

Specification of Letters Patent.

Patented April 16, 1907.

Application filed April 24, 1906. Serial No. 313,408.

*To all whom it may concern:*

Be it known that I, JAMES H. DUNSTAN, a citizen of the United States, residing at Susanville, in the county of Grant and State of Oregon, have invented new and useful Improvements in Bottles, of which the following is a specification.

My invention relates to bottles; and its primary object is to provide a novel and highly useful means by which the stopper of the bottle may be so secured in position that its removal will disfigure the bottle in such manner that it will be readily apparent that the original contents of the bottle has been withdrawn, this preventing an inferior article being sold in the bottle as a substitute for its original contents.

A further object of the invention is to provide a device of this character which is simple and durable and one which may be manufactured and sold at a comparatively low cost.

The invention consists in the construction, combination, and arrangement of parts hereinafter fully described, claimed, and illustrated in the accompanying drawings, wherein—

Figure 1 is a view in elevation of a bottle-neck embodying my invention. Fig. 2 is a top plan view thereof, and Fig. 3 is a central longitudinal sectional view thereof.

Referring to the drawings by reference-numerals, 1 designates a bottle-neck which is formed to provide an annular shoulder 2 and interiorly enlarged above the shoulder 2 to permit the use of a cork 3, having a diameter greater than that of the shoulder, thus preventing the cork from being forced downward into the bottle and necessitating its removal in the usual manner in order to gain access to the contents of the bottle. The neck 1 is provided in its edge with diametrically-opposed seats 4 and at a point intermediate its length with laterally-projecting lugs 5, said lugs being arranged in vertical alinement with the seats 4. The lugs 5 are formed integral with the bottle-neck and headed, as fully illustrated in Fig. 3 of the drawings. A metallic guard 6 is positioned within the neck 1 above the stopper 3 to prevent the removal of the stopper without its first having been removed. A bail 7 is applied to the bottle-neck to position its horizontal member 8 transversely of the bottle-neck above the guard 6 and in the seats 4. This application of the bail posi-

tions its vertical members 9 to be bent to engage around the lugs 5, after which the bent portions thereof are carried vertically. The ends of the bent portions are bent downwardly in opposite directions into the seats 4 and transversely of the bottle-neck above the guard 6. After the bail has been thus applied the horizontal member 8 and the ends of the bent portions of the vertical members 9 are permanently secured to the guard 6 by means of solder 10.

It should be apparent that inasmuch as the bail is secured to the guard 6 and to the lugs 5 it is impossible to remove the stopper 3 without first having removed the bail. Inasmuch as the bail is soldered to the guard 6 it can be removed only by removing the head of one or the heads of both of the lugs 5, after which the guard 6 may be removed to permit the withdrawal of the stopper 3. The removal of one or both of the heads of the lugs 5 so disfigures the bottle that it will be readily apparent that its original contents has been withdrawn, thereby preventing the sale of an inferior article in the bottle for its original contents. The shoulders 2 and the guard 6 prevent the stopper 3 from being forced downward into the bottle, and the guard 6 prevents the stopper from being removed by destroying it, thus necessitating the destruction of the lugs 5 before the stopper can be extracted.

From the above description, taken in connection with the accompanying drawings, the construction and mode of operation of the invention will 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 invention without departing from the spirit or sacrificing any of the advantages thereof.

Having fully described and illustrated my invention, what I claim is—

A bottle having an interior stopper-supporting shoulder or offset formed in the neck thereof and provided with diametrically opposite laterally-extending lugs upon the neck and with notches forming seats in the upper edge of the neck in registry with said lugs, in combination with a stopper supported upon the shoulder, a metallic guard-plate seated upon the stopper in the mouth of the bottle, and a wire bail straddling the stopper, seated in the recesses at the upper

edge of the neck and having its side members bent around the lugs, carried back through the seat-recesses, and bent upon the guard member adjacent to the crown of the bail, and a seal of solder securing the free ends and the crown of the latter upon the metallic guard-plate.

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

JAMES H. DUNSTAN.

Witnesses:

ARTHUR R. WHITE,  
S. E. HEATON.