

No. 832,042.

PATENTED OCT. 2, 1906.

F. E. DE MARS.  
LOCK BOTTLE.

APPLICATION FILED APR. 10, 1906.

Fig. 1.

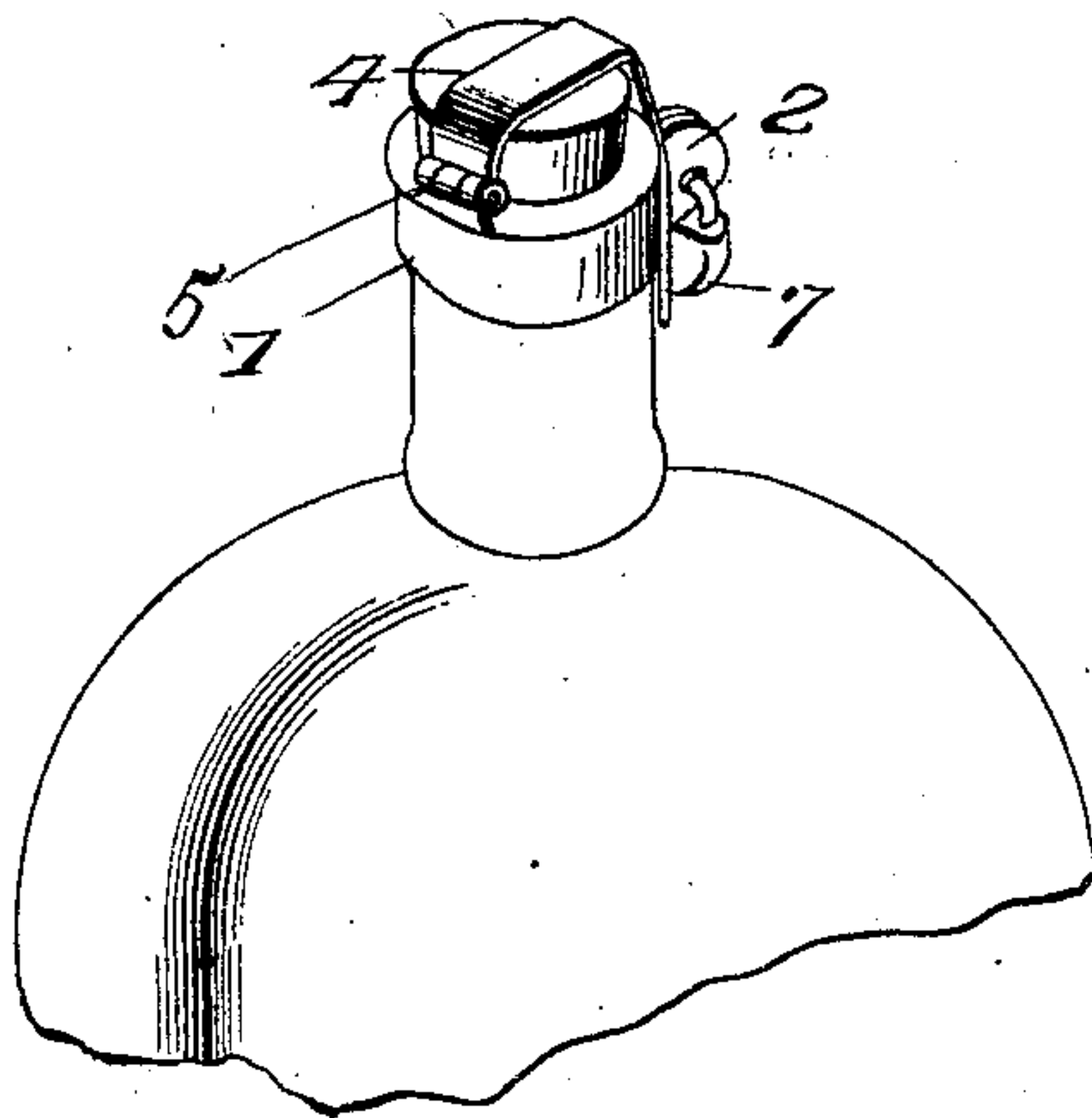


Fig. 2.

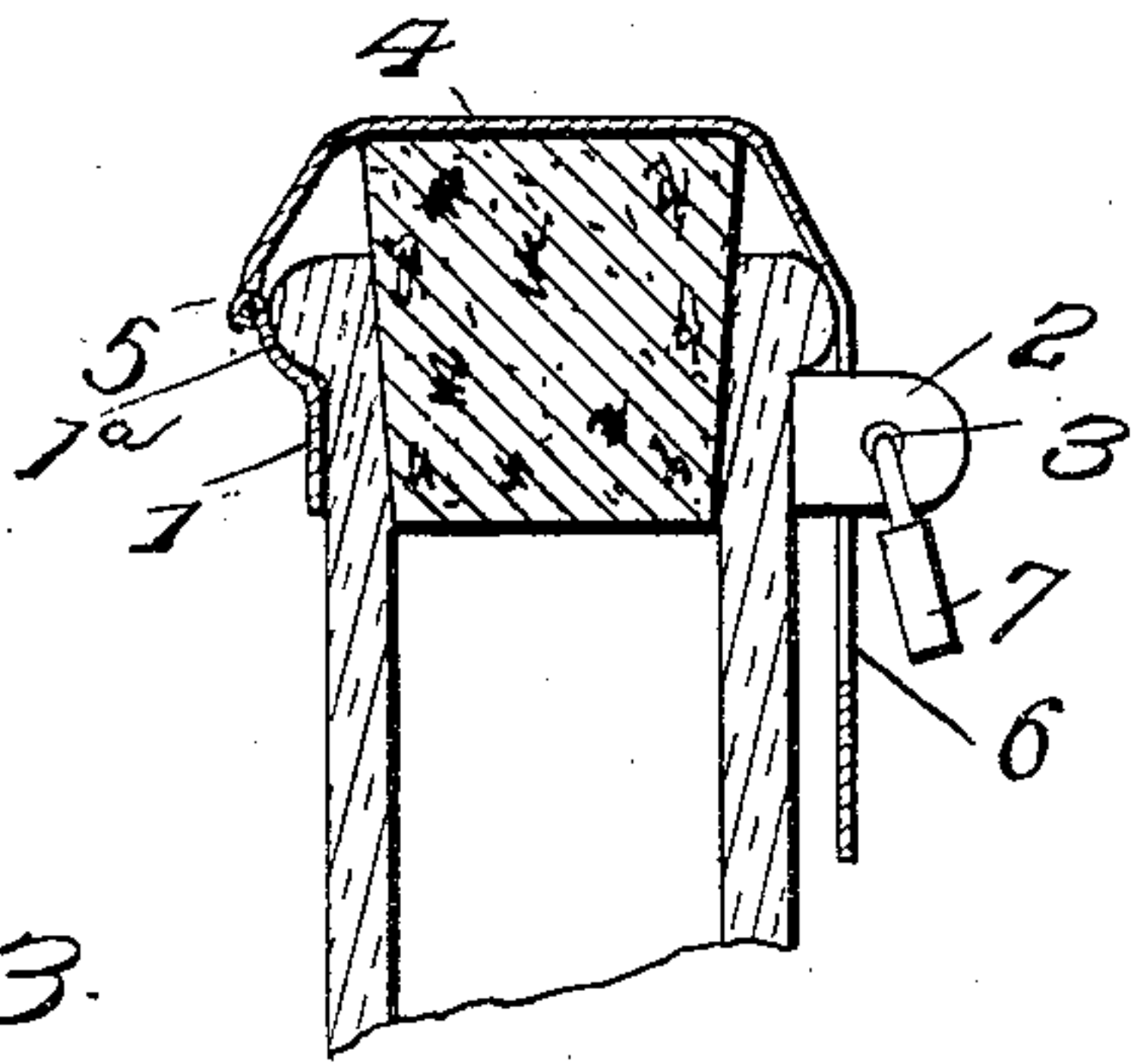


Fig. 3.

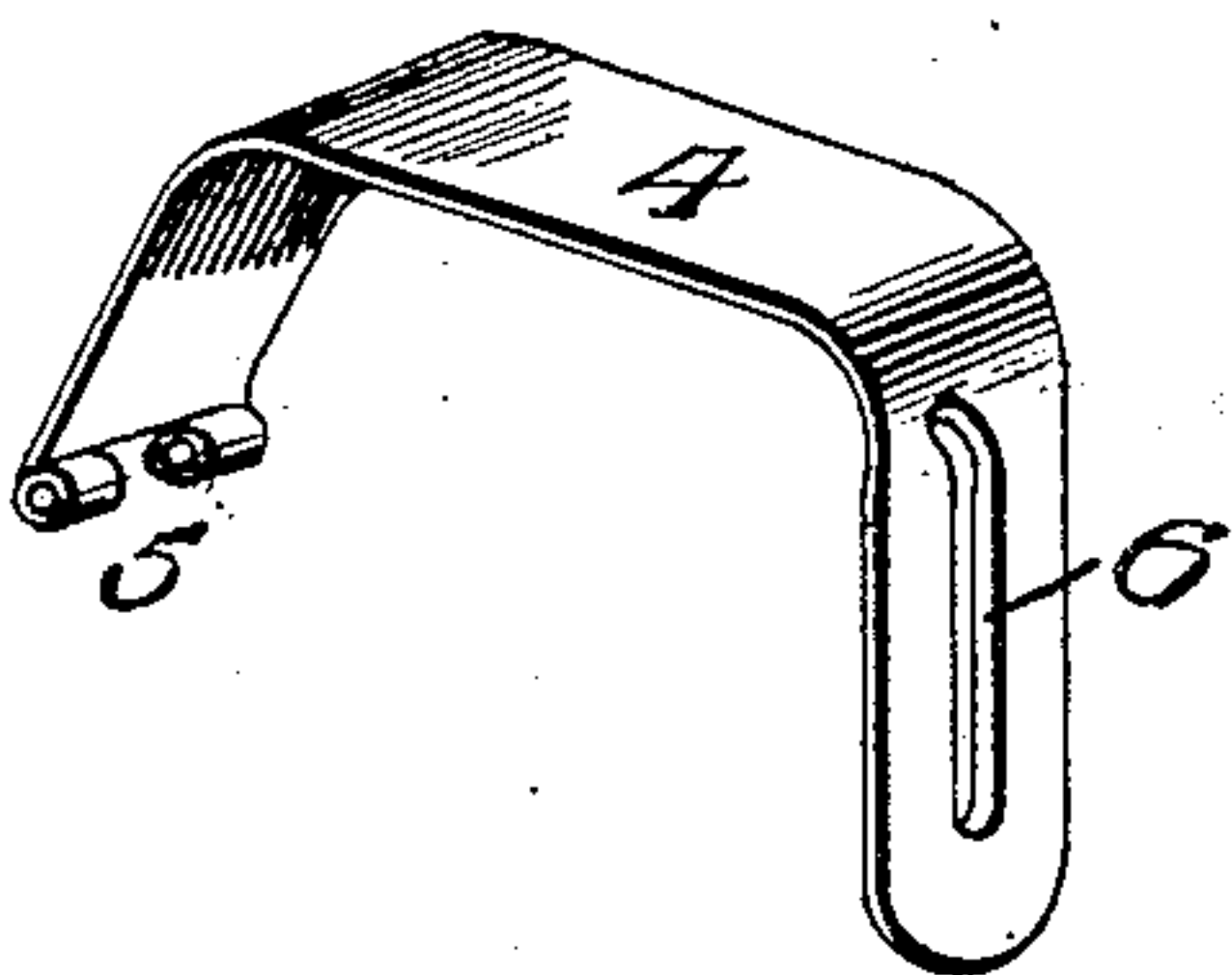
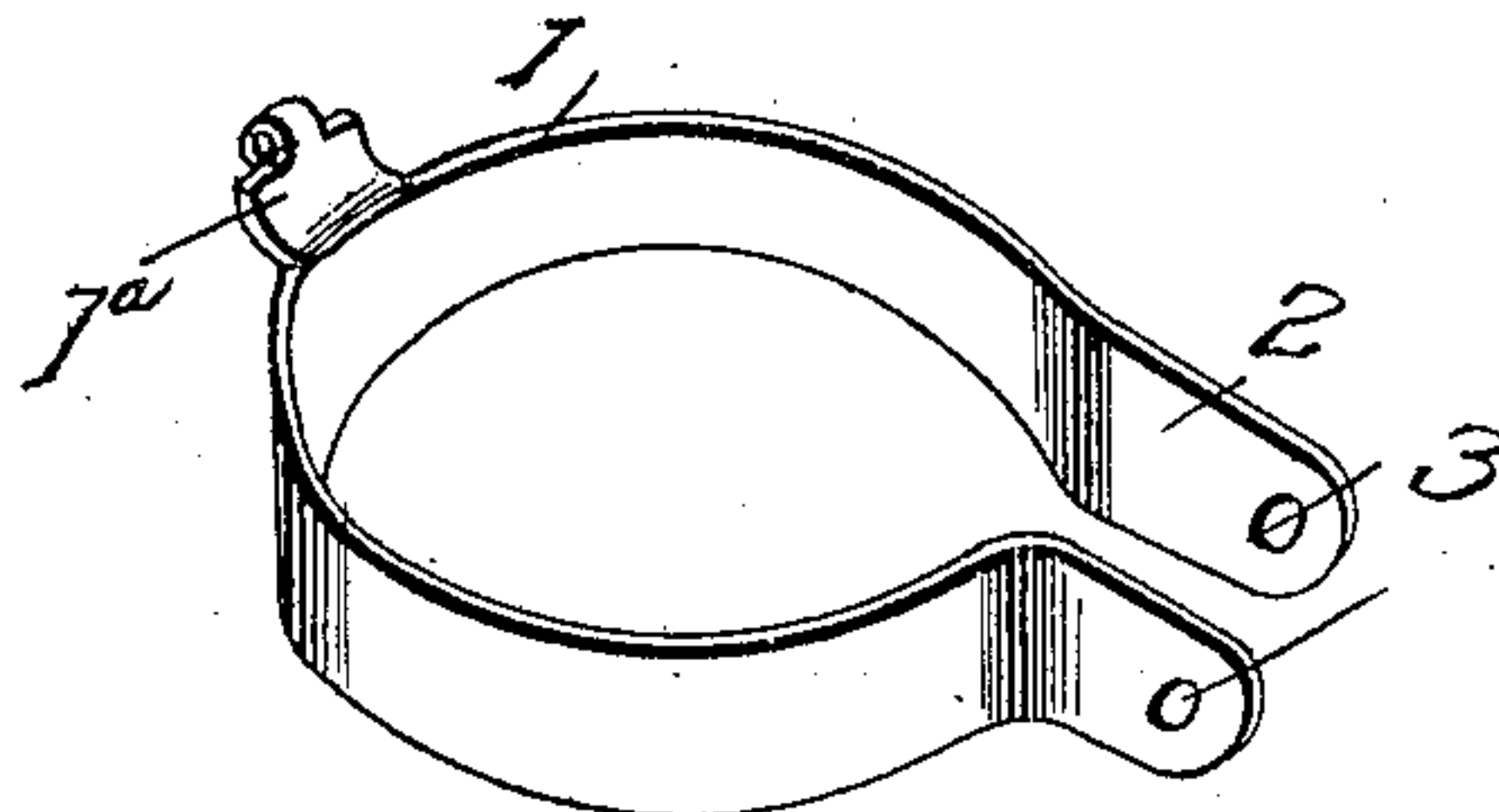


Fig. 4.



Inventor

F. E. De Mars

Witnesses

W. W. Hudson

By

R. S. A. Phacy Attorneys

# UNITED STATES PATENT OFFICE.

FRANK E. DE MARS, OF NEW YORK, N. Y.

## LOCK-BOTTLE.

No. 832,042.

Specification of Letters Patent.

Patented Oct. 2, 1906.

Application filed April 10, 1906. Serial No. 310,991.

*To all whom it may concern:*

Be it known that I, FRANK E. DE MARS, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Lock-Bottles, of which the following is a specification.

My invention contemplates certain new and useful improvements in bottle-locks designed to prevent the unauthorized withdrawal of the cork and access to the contents of a bottle or flask.

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 perspective view of the upper portion of a flask or bottle, showing my improved lock applied thereto. Fig. 2 is a vertical sectional view of the upper portion of the bottle-neck with the invention applied. Figs. 3 and 4 are detail perspective views of the two parts of the lock, shown detached from each other.

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.

My improved bottle-lock comprises a ring or band 1, designed to encircle the neck of the bottle and take up underneath the rim-bead thereof, as illustrated in the drawings, said band being open or split at one end to provide two outwardly-extended ends 2, as shown. The ends 2 are formed with registering apertures 3. The band 1 is formed at its rear with an integral extension 1<sup>a</sup>, projected from its upper edge and curved outwardly and upwardly, as illustrated in Fig. 2, to fit snugly against the bead at the upper end of the bottle-neck, and a cork-retainer 4, which in the present instance is in the form of a strip, is hinged at one end, as indicated at 5, to the curved extension 1<sup>a</sup>, which is curled, as shown, to constitute one member of the hinge. The strip 4 is provided at its other end with a slot 6, designed to receive the apertured ends 2 of the band. A padlock 7 or the like may then be inserted through the apertures 3 of the band and securely lock the

retainer or strip 4 down over the cork. Hence the cork may only be removed by some one having the key to the padlock, and all unauthorized tampering with the bottle to remove the cork will be prevented.

From the foregoing description, in connection with the accompanying drawings, it will be seen that my construction of bottle-lock produces a simple device of only two main parts so arranged that the strip or cork-retainer 4 not only extends over the cork to prevent the removal thereof, but is correlated with outwardly-extended ends 2 of the band 1 when the device is locked. It will be seen that the slotted end of the cork-retainer 4 securely holds the band 1 around the neck of the bottle or flask in connection with the padlock 7, and the parts are all securely locked together, so that the cork-retainer 4 cannot be swung back over the cork to release the same until the padlock shall have been removed from the ends 2 of the band 1, said ends projecting through the slot 6.

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

The combination with a bottle provided with a rim-bead of a band encircling the neck of the bottle adjacent and underneath the bead or rim thereof, said band being split at one end and provided with two outwardly-extended ends formed with apertures, said band being provided at a point diametrically opposite said apertured ends with an integral upwardly-projecting extension curved rearwardly and upwardly and fitting underneath and around the rim or bead of the bottle-neck, the upper edge of said integral extension being curled and constituting one member of a hinge, and a cork-retaining strip provided at one end with a curled edge coacting with the curled edge of the said extension of the band to hinge the strip to said band at one end, said strip being designed to extend over the cork and provided at its other end with a slot to receive the apertured ends of the band as and for the purpose set forth.

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

FRANK E. DE MARS. [L. s.]

Witnesses:

LOGAN WILLIAMS,  
ALFRED MARTIN.