

No. 848,569.

PATENTED MAR. 26, 1907.

J. T. SANDMAN.
STOPPER FOR BOTTLES.
APPLICATION FILED MAY 23, 1906.

Fig. 1.

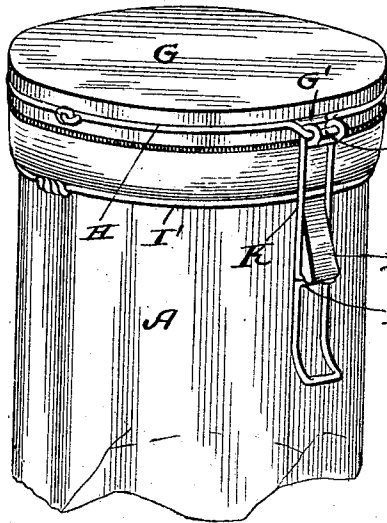


Fig. 2.

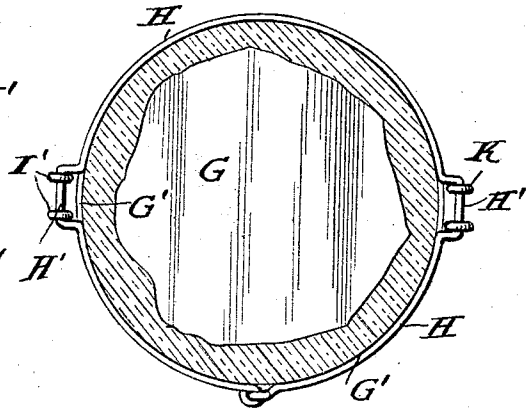


Fig. 3.

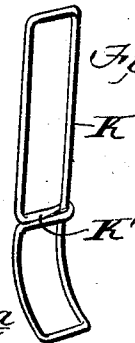
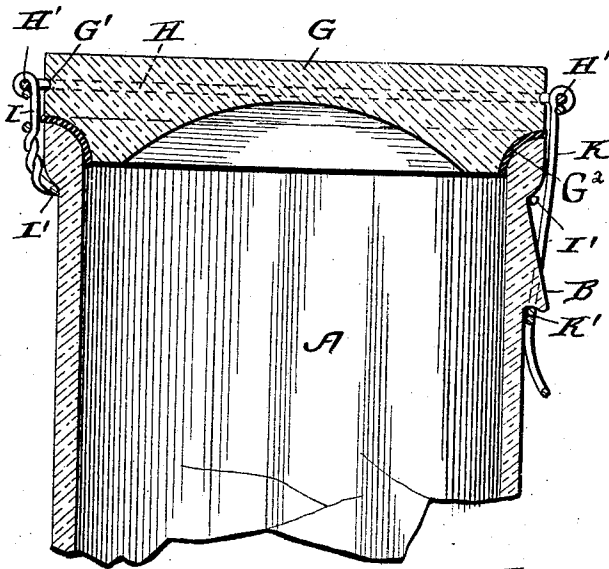


Fig. 4.

Fig. 4 a

Inventor

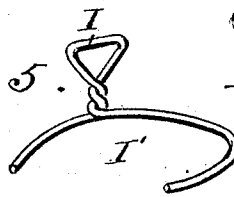
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Fig. 5.



UNITED STATES PATENT OFFICE.

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STOPPER FOR BOTTLES.

No. 848,569.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed May 23, 1906. Serial No. 318,353.

To all whom it may concern:

Be it known that I, JOHN T. SANDMAN, a citizen of the United States, residing at Philadelphia, in the State of Pennsylvania, have invented a new and useful Improvement in Stoppers for Bottles, of which the following is a specification.

This invention is an improved construction of stopper-fastener adapted for use in connection with bottles, jugs, or jars, the object of the invention being to provide an exceedingly cheap, simple, and efficient form of device which can be quickly and easily locked and which will remain securely locked until it is desired to unlock the stopper or cap, which operation can be quickly and easily accomplished.

With these objects in view my invention consists, essentially, in providing a nose upon the exterior of the neck of the bottle, which nose is adapted to be engaged by a bail or hasp pivotally connected to one end of the stopper or cap, the opposite end of the stopper or cap being hinged to the upper end of the bottle and always held in convenient position for fastening.

The invention consists also in certain details of construction hereinafter fully described, and pointed out in the claim.

In the drawings forming a part of this specification, Figure 1 is a perspective view of a portion of a jar, showing the application of my invention. Fig. 2 is a transverse sectional view of the jar. Fig. 3 is a vertical sectional view of the jar and cap. Fig. 4 is a detail perspective view of the wire bail. Fig. 4^a is a detail perspective view of the bail, showing the upper end of the bail after being bent to engage the wire band which surrounds the cap of the jar. Fig. 5 is a perspective view of a portion of the wire band which is secured to the bottle.

Referring now to the stopper-fastener, it will be noted that the jar A is formed with a laterally-projecting nose B adjacent the upper end of the mouth, having a concaved under side, and in practice this nose will be so constructed that it will not project a sufficient distance outwardly to render it liable to breakage. A wire band I' is fastened around the jar just below the curved beading of the mouth, and this band is twisted at

one side to provide an ear I, to which is pivotally connected one of the oppositely-disposed upset portions H' of a band H, which is secured in an annular groove G' of a cover G, which is provided with a packing G² in an annular groove in the face of the cover adapted to fit in the mouth of the jar and completely close the same. A hasp K is pivotally connected to the opposite upset portion H' of the band H, which is in the form of a wire bail having a cross-bar K', formed by a portion of one side being looped around the other side and upon itself, said cross-bar being adapted to fit in the concaved under side of the nose B, the lower free end of the bail being curved slightly away from the neck of the bottle in order to permit the end of the finger or thumb to be inserted beneath the same. The upper end of the bail is connected to the upset portion by bending the end around the same, back upon itself, so that it can swing freely thereon. It will thus be seen that I provide an exceedingly cheap, simple, and efficient form of cap-fastener which can be used upon either bottle, jar, or jugs and by means of which the said cap can be securely fastened, and it will also be noticed that the fastening means can be quickly released whenever it is desired to open the jar or bottle, as the case may be.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination with a receptacle having a laterally-projecting nose having a concaved under side, of a band surrounding the upper end of said receptacle and having an upwardly-projecting ear, a cover adapted to fit over said receptacle, a band surrounding said cover pivotally connected to the upwardly-projecting ear and a keeper formed of a wire bail having one end pivotally mounted on said band surrounding the cover, and provided with a cross-bar formed by a portion of one side being looped around the other side, and upon itself said bar being adapted to fit in the concaved under side of the nose for the purpose described.

JOHN T. SANDMAN.

Witnesses:

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