

No. 850,722.

PATENTED APR. 16, 1907.

H. BARTOW.
BOTTLE STOPPER ATTACHMENT.
APPLICATION FILED AUG. 29, 1906.

Fig. 1.

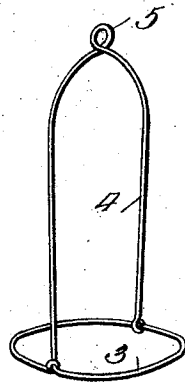
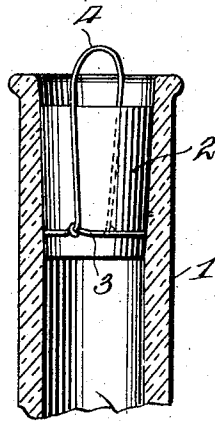


Fig. 2.

Witnesses

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HARRY BARTOW, OF SEANOR, PENNSYLVANIA.

BOTTLE-STOPPER ATTACHMENT.

No. 850,722.

Specification of Letters Patent.

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Application filed August 29, 1906. Serial No. 332,552.

To all whom it may concern:

Be it known that I, HARRY BARTOW, a citizen of the United States, residing at Seanor, in the county of Somerset and State of Pennsylvania, have invented new and useful Improvements in Bottle-Stopper Attachments, of which the following is a specification.

This invention relates to bottle-stopper attachments, being directed especially to an improved form of device for use in extracting the stopper, and has for its objects to provide a comparatively simple inexpensive attachment of this character which may be readily applied for use, one which in practice will in no wise affect the contents of the bottle, and one which permits ready removal of the stopper, and this without liability of breaking the latter.

With these and other objects in view the invention comprises the novel features of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a central longitudinal section through a portion of a bottle-neck containing a stopper equipped with a device embodying the invention. Fig. 2 is a perspective view of the attachment.

Referring to the drawings, 1 designates a bottle-neck of usual form and material adapted to receive a stopper 2, composed of cork or other yieldable material adapted for effectually sealing the neck of the bottle to prevent escape of the contents of the latter.

In accordance with my invention the stopper is equipped with an extracting attachment, preferably composed of a single length of fine-gage highly-tensioned wire bent into shape to form a cork-engaging portion or girdle 3, formed to encircle or embrace the stopper at a point adjacent the inner or lower end thereof, and an upwardly or outwardly projecting extractor portion or loop 4, which projects beyond the outer end of the stopper for ready engagement by the operator in the operation of extracting the stopper.

In practice the stopper equipped with the attachment embodying the invention is introduced into the neck of the bottle, as seen in Fig. 1, and when it is desired to remove the stopper the operator engages his finger or

a small instrument, such as a pencil or the like, with the loop 4, whereupon the stopper may be readily withdrawn or extracted. It will be noted in this connection that the portion 3 of the device becomes embedded in the soft material of which the stopper is composed, thereby in no wise interfering with the sealing properties of the latter, and, furthermore, that owing to the position of the portion or girdle 3 at a point adjacent the lower end of the stopper the material of which the extractor is composed will be wholly free from contact with the contents of the bottle, while at the same time liability of the stopper being broken during the extracting operation is obviated, thus to insure drawing of the stopper in its entirety.

As seen in Fig. 2 the loop 4 is formed at its outer end with a small twist or bend 5, which in practice serves to draw the side portions of the loop into close contact with the sides of the stopper, thereby permitting convenient insertion of the latter in the bottle and at the same time preventing the loop from slipping out of its proper position on the stopper. With regard to the loop 4 the twist or bend 5 does not interfere with its use on stoppers where it is necessary to use some other substance, such as sealing-wax, &c., to insure its contents being preserved, as it can readily be pressed down on the end of the stopper, and thus sealed. When the seal is broken, the bend 5 is straightened and ready for use.

Having thus fully described my invention, what I claim is—

As a new article of manufacture, a stopper-extractor composed of a single length of material bent into shape to form a stopper-engaging portion or girdle designed to embrace the stopper at a point between its ends, and an extractor portion or loop disposed in a plane perpendicular to that of the girdle and forming side portions which lie at the sides of the stopper, the material after formation of the loop being attached to the girdle.

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

HARRY BARTOW.

Witnesses:

L. HELSEL,
JACOB F. KAUTZ.