No. 852,305.

PATENTED APR. 30, 1907.

E. F. WACH.

SOAP HOLDER.

APPLICATION FILED APR. 14, 1906.

Fig. 3.

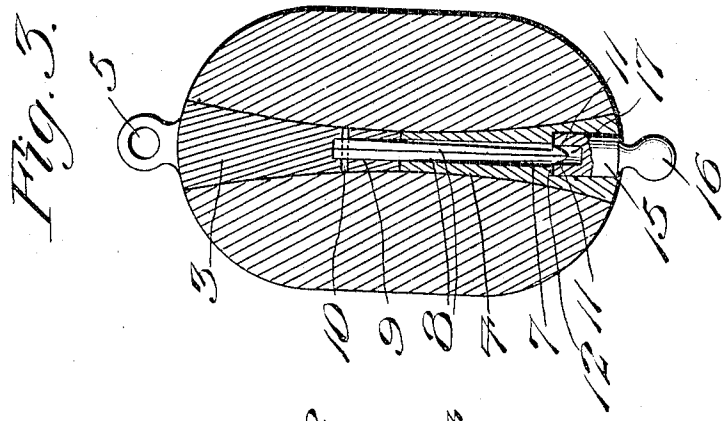


Fig. 2.

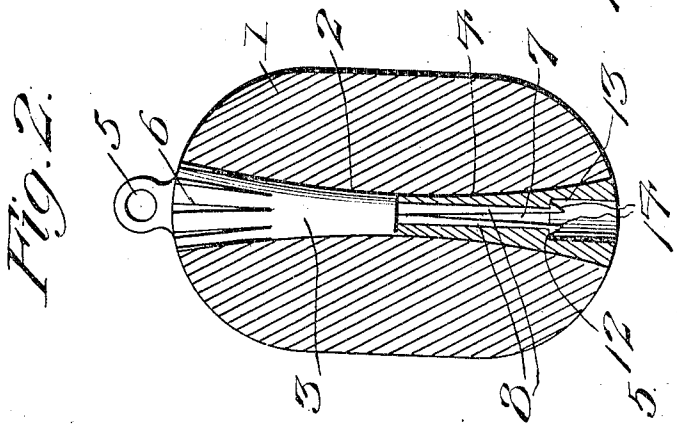


Fig. 5.

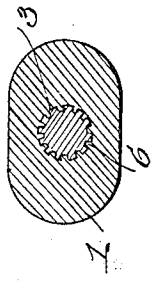


Fig. 1.

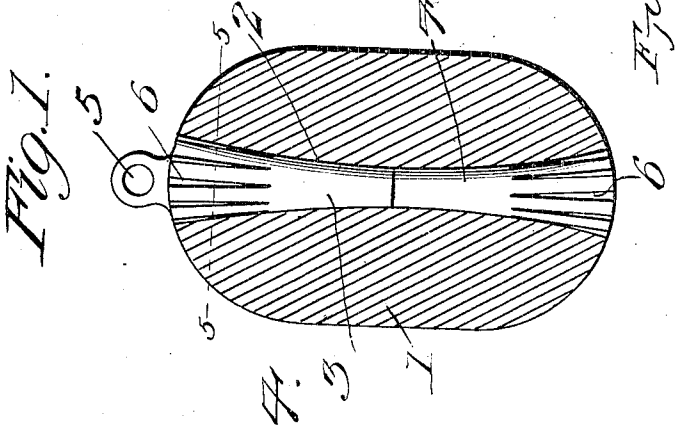
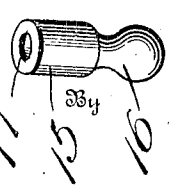


Fig. 4.



Witnesses

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SOAP-HOLDER.

No. 852,305. Specification of Letters Patent. Patented April 30, 1907.

Application filed April 14, 1906. Serial No. 311,703.

To all whom it may concern:

Be it known that I, EDWARD FRANK WACH, 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 Soap-Holders, of which the following is a specification.

This invention relates to cake soap and especially to an improved form of core having an engaging portion or eye and adapted to be embedded in the soap body to permit of the latter being conveniently suspended from a holder, and has for its objects to produce a comparatively simple, inexpensive device of this character which will be effectually retained in position within the body, one wherein the sections of the core may be conveniently disconnected at will to permit of the cake of soap being removed from the holder or to permit of a fresh cake being applied to the core, and one in which the core sections may be readily and securely united.

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 longitudinal section taken centrally through a cake of soap equipped with a core embodying the invention and showing the core in elevation. Fig. 2 is a similar view showing the core partly in section and illustrating the means for connecting the core sections. Fig. 3 is a longitudinal section taken centrally through the soap and core and illustrating the manner of releasing the core sections one from the other. Fig. 4 is a detail, perspective view of the implement for disconnecting the core sections. Fig. 5 is a detail sectional view taken on the line 5—5 of Fig. 1.

Referring to the drawings, 1 designates a body or cake of soap having a central, longitudinal opening or bore 2 of gradually increasing taper from its longitudinal center to its ends, there being fitted in said bore a core comprising an upper member or section 3 and a lower, tubular member or section 4 which, together with the section 3, is of gradually diminishing taper from its outer toward its inner end to conform to the corresponding taper of the bore 2 at the longitudinal center of the inner, smaller ends of the core members.

The upper section 3 is provided at its outer end with a projecting perforated engaging portion or eye 5 and with a series of longitudinally extending, radially projecting ribs 6 adapted through engagement with the soap body to prevent rotation of the core therein, while the lower tubular section 4 presents a central longitudinal opening 7 adapted to receive a pair of spring locking members or arms 8 fixed at their upper ends in a suitable socket 9 in the member 3 by means of a transverse pin 10 and having at their free ends engaging portions or heads 11 adapted for engagement with an internal shoulder 12 formed in the member 4, the opening 7 of which is enlarged at its outer end in the shoulder 12 as at 13, for a purpose which will presently appear, it being noted that the engaging heads 11 have outer, reversely inclined faces 14 adapted to be acted upon by a releasing implement 15 formed to fit in the enlarged opening or bore 13 and having a finger piece or knob 16 to be grasped by the operator and a socket 17 to receive the heads 11.

In practice, the soap is molded in shape with the bore or opening therein, it being understood that the cakes may be cast with the opening 2 therein by means of suitable dies for the reception of the cores. Under the latter conditions the cores are inserted by first introducing the member 4 into one end of the bore and thereafter inserting the member 3 from the other end, whereupon the spring arms 8 will pass through opening 7 and the heads 11 spring into engagement with the shoulder 12, thereby locking the sections in connected relation with the soap body. The cake of soap is in use suspended from a suitable holder by means of a chain or other element engaged with the eye 5 and may, when desired, be temporarily removed from the holder by introducing the implement 15 into the enlarged opening or bore 13, it being noted that when the implement is so introduced the heads 11 will enter the socket 17 and owing to the inclined faces 14 riding over the end of the walls of the socket cause compression of the members 8 to permit ready removal of the core section 3. It will be understood that the core may be used repeatedly by renewing the soap thereon and that the sections 3 and 4 will be disconnected in the manner just explained to permit application of a cake of soap to the core.

Having thus described my invention, what I claim is:

A soap anchor consisting of two tapering

cylindrical sections adapted to be embedded in a soap cake, and diminishing in cross section from their outer toward their inner ends, which ends lie adjacent to each other, coöperating interlocking means on said sections, the flaring outer portions of the sides of said sections being provided with longitudinally extending radially projecting ribs to engage the soap cake and prevent rotation of the cake on the anchor.

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

EDW. FRANK WACH.

Witnesses:

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