No. 702,531. Patented June 17, 1902.

W. R. BOWEN.

SOAP CAKE.

(Application filed Aug. 27, 1901.)

(No Model.)

Fig. 1.

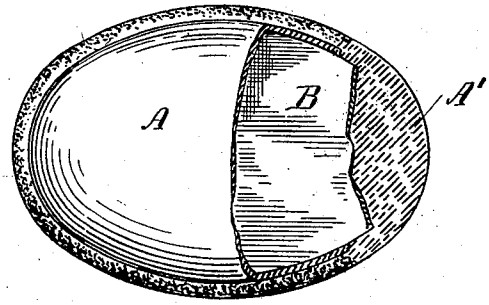


Fig. 2.

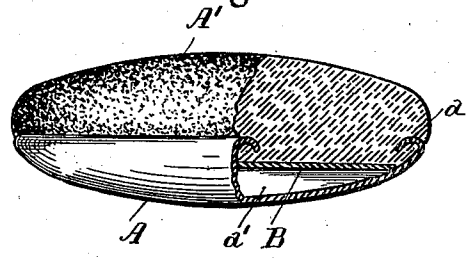
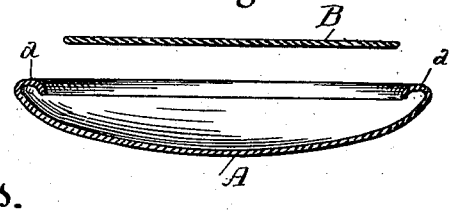


Fig. 3.



Witnesses.

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WALTER R. BOWEN, OF SAN FRANCISCO, CALIFORNIA.

SOAP CAKE.

SPECIFICATION forming part of Letters Patent No. 702,531, dated June 17, 1902.

Application filed August 27, 1901. Serial No. 73,444. (No model.)

To all whom it may concern:

Be it known that I, WALTER R. BOWEN, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented certain new and useful Improvements in Guard-Plates for Soap; and I do hereby declare the following to be a full, clear, and exact description of the same.

The present invention consists in providing a guard-plate by means of which a cake of soap is supported and held a slight distance away from the surface upon which the guard-plate rests, thereby maintaining the soap free from such foreign matter as it otherwise would pick up, while at the same time the said guard-plate acts as a "drain," so to speak, for the soap after use, the object of the invention being to add to the attractiveness of the soap by having one side of the cake of soap provided with a metallic or composition plate, which plate may be ornamented in any suitable manner.

To comprehend the invention, reference should be had to the accompanying sheet of drawings, wherein—

Figure 1 is a side view in elevation, partly broken, illustrating the guard attached to the soap. Fig. 2 is a bottom plan view partly broken, and Fig. 3 is a detail side sectional view of the plate with the inner plate detached.

In the drawings the letter A is used to indicate the guard-plate, which may be constructed of metal or other suitable material. This plate is made concaved or dish-shaped, and to same is attached the cake of soap A'. Preferably the soap is run into the plate during the manufacture thereof or while in a plastic condition. Any suitable means may be employed for holding the plate to the soap; but I prefer to form the plate with an inwardly-turned flange or edge *a*, which "bites," so to speak, into the soap after the same has cooled or become hard.

Ofttimes it is desirable that the soap be permitted to float. This may be accomplished by forming an air-space between the soap and bottom of the guard. For this purpose a plate B is arranged within the guard-plate, so as to rest a slight distance from the bottom thereof in order to provide an air-chamber *a'*. When the soap is run into the guard-plate, the air retained within said chamber will form an air-cushion, which will give sufficient buoyancy to enable the cake of soap to float when placed in the water.

If desired, the outer face of the guard-plate may be used as an advertising-space, or same may be suitably ornamented. If so desired, the monogram of the owner may be cut therein, thus enabling the cake of soap to be readily designated.

Inasmuch as the cake of soap after use is placed so as to rest upon the guard-plate, all drip of the soap will readily run off and not accumulate around the edge thereof. By means of the guard-plate the soap is kept free of dirt or foreign matter.

Having thus described the invention, what is claimed as new, and desired to be protected by Letters Patent, is—

1. A cake of soap provided with a dished metallic plate having a flanged edge embedded in the material of the soap, said plate coöperating with the cake of soap to form an air-chamber therebetween, substantially as and for the purpose described.

2. A cake of soap provided with a guard-plate having a hollow interior secured exterior thereof and constituting an air-chamber, substantially as and for the purpose described.

3. A cake of soap provided with a guard-plate having a hollow interior secured exterior thereof and constituting an air-chamber, and means separating said chamber from the soap, substantially as and for the purpose described.

In witness whereof I have hereunto set my hand.

WALTER R. BOWEN.

Witnesses:
N. A. ACKER,
WALTER F. VANE.