

R. A. JONES.
SOAP CAKE.

APPLICATION FILED APR. 26, 1903.

NO MODEL.

Fig. 1.

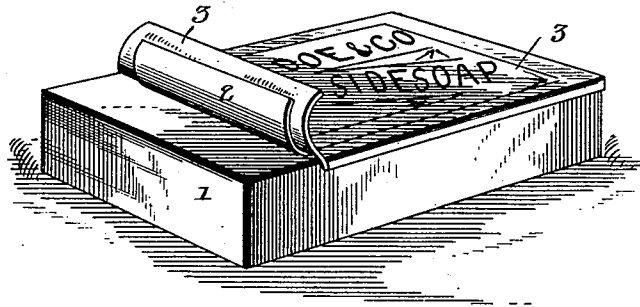


Fig. 2.

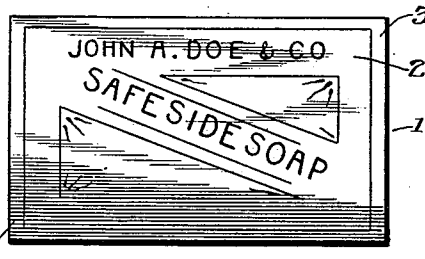


Fig. 4.

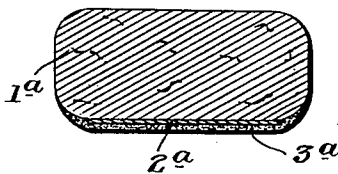


Fig. 3.

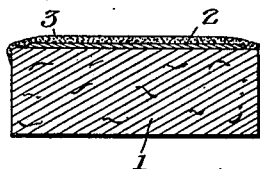
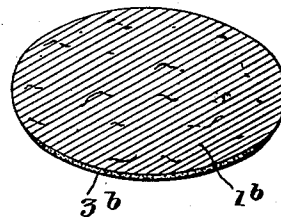


Fig. 5.



Witnesses

Geo. H. Payne
R. M. Bowman

Inventor

Ruel A. Jones
John H. Volk
Attorney

UNITED STATES PATENT OFFICE.

RUEL A. JONES, OF STANFORD, KENTUCKY.

SOAP CAKE.

SPECIFICATION forming part of Letters Patent No. 740,440, dated October 6, 1903.

Application filed April 26, 1902. Serial No. 104,761. (No model.)

To all whom it may concern:

Be it known that I, RUEL A. JONES, a citizen of the United States, and a resident of Stanford, in the county of Lincoln and State of Kentucky, have invented certain new and useful Improvements in Soap Cakes, of which the following is a specification.

My invention relates to improvements in soap cakes; and the principal objects of my invention are to preserve the quality and prolong the life of soap cakes when in use and to improve their advertising value. To the above ends I apply to a portion only—that is, not all—of the exterior of a soap cake a thin permanent adhering protective coating impervious to water, preferably of paraffin, which when the soap is laid upon a wet surface with its coated portion down protects the said soap from the dissolving or softening action of the water and also prevents the soap from sticking to such surface. My invention contemplates improving the advertising value of soap by applying this protective coating over advertising or other descriptive matter either applied to the soap directly or printed upon a label applied to the soap. In such cases the label or other matter is preserved permanently on the soap throughout its life and may be easily read through the coating, which in such case would be transparent.

Specific embodiments of my invention are shown in the accompanying drawings, in which—

Figure 1 is a perspective view of a soap cake provided with a label and a protective coating therefor, according to my invention, the said coating being shown as rolled up at one end; Fig. 2, a top plan view of a soap cake provided with a label and protective coating; Fig. 3, a transverse section of the same; Fig. 4, a transverse section of another form of soap cake provided with my improvement; and Fig. 5 is a transverse section of another form of soap cake provided with the protective coating, but not with the label.

Similar numerals refer to similar parts throughout the several views.

Referring first to the form of my invention shown in Figs. 1, 2, and 3, 1 represents a soap cake substantially rectangular in cross-section, and 2 a label of paper or other suitable

material applied to one of the broad faces of the cake and bearing any desired advertising matter—such, for example, as the name of the manufacturer. This label may also be made to indicate that the soap is to be laid with the protected side down by having the word "safe" or other words printed thereon. Preferably this label does not cover the whole face of the soap, but leaves a small margin between it and the edges of the cake, as shown. Over this label and extending onto the soap around the edges of the cake sufficiently to prevent water from attacking the label or rendering the soap soggy or soft around the edges of the label is a thin protective coating 3, preferably of paraffin, though any other material which will serve the purpose of my invention may be employed—that is, any material hard enough to resist contact and wear to a due degree, which will remain permanently on the soap during ordinary use, impervious to water, transparent in this case, and preferably pleasing to the touch. The protective coating may be applied in any suitable manner, and in the case in which paraffin is used the latter may be melted and the soap dipped therein.

I am aware that there are many kinds of paraffin, some melting at higher temperatures than others, and I propose to use any of these, according to the conditions to be fulfilled. I may also combine two or more qualities of paraffin, applying a coating first of a kind which will melt at a given temperature and over this an outer coating of a kind which will melt at a lower temperature. Paraffin possesses the quality of adhering to soap with great tenacity, while at the same time possessing a touch very similar to that of soap.

While I have described and illustrated forms of my invention in which a label proper—that is to say, a strip or sheet of paper or other material bearing advertising or other descriptive matter—is applied directly to the soap, my invention also contemplates the case in which such a label may be dispensed with and the advertising or other descriptive matter applied to the soap directly—as, for example, in low or high relief, as usual in the manufacture of soap cakes. Moreover, in the case in which the advertis-

ing or other matter is applied to the soap directly I may make the letters or designs of a color which will contrast with that of the soap in order that they may be more easily seen through the protective coating.

My invention further contemplates the application of the coating to the soap purely as a means of protecting the soap irrespective of whether there is advertising or other descriptive matter thereon or not.

In Fig. 4 I have illustrated the application of my invention to a cake of soap 1^a with rounded edges, where 2^a indicates the label and 3^a the protecting-coating, which extends far enough around the soap to adequately protect the label and the soap when the latter is laid upon a wet surface.

In Fig. 5 is illustrated a form of my invention in which the label 2 is omitted and where 1^b represents the soap cake and 3^b the protective coating.

In use the soap cake is intended to be laid with its protected side down, in which case if the surface upon which it rests is wet access of the water either to the soap or label is effectually prevented, so that the cake is not softened and is prevented from adhering to the contacting surface. The cake, moreover, will last longer with the protective coating than without it.

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

1. A cake of soap, provided with a permanent adhering protective coating comprising a film of material impervious to water and applied to a portion only of the exterior of the cake, for the purposes herein specified.

2. A cake of soap, provided with a permanent protective coating of waxy substance applied to a portion only of the exterior of the cake, for the purposes herein specified.

3. A cake of soap, provided with a permanent transparent adhering protective coating impervious to water and applied to a portion

only of the exterior of the cake, for the purposes herein specified.

4. A cake of soap, provided with a permanent adhering coating comprising a film of material impervious to water and applied to one side only of the cake and extending over the adjacent angles or curves, for the purposes herein specified.

5. A cake of soap, provided with a permanent protective coating of paraffin applied to a portion only of the exterior of the cake, for the purposes herein specified.

6. A cake of soap, having a label thereon, and a permanent transparent coating impervious to water, covering said label and a portion of said cake.

7. A cake of soap, having a label applied thereto, and a permanent protective transparent coating of waxy substance covering said label and extending onto the cake.

8. A cake of soap, having a label applied thereto, and a permanent transparent coating of paraffin covering said label and extending onto the cake.

9. A cake of soap, having letters or designs thereon, and a permanent protective transparent adhering coating impervious to water, covering said letters or designs, and a portion only of the cake.

10. A cake of soap, having a label applied thereto, and a permanent coating of waxy substance applied to the label and extending onto the cake.

11. A hard soap cake provided on one side with a label, and a thin transparent adhering coat of water-repelling substance which is applied over said label and extends beyond its edges and over the adjacent angles of the cake as shown and described.

RUEL A. JONES.

Witnesses:

SOLON C. KEMON,
AMOS W. HART.