

(No Model.)

L. S. SAMUEL.
SOAP CAKE.

No. 549,687.

Patented Nov. 12, 1895.

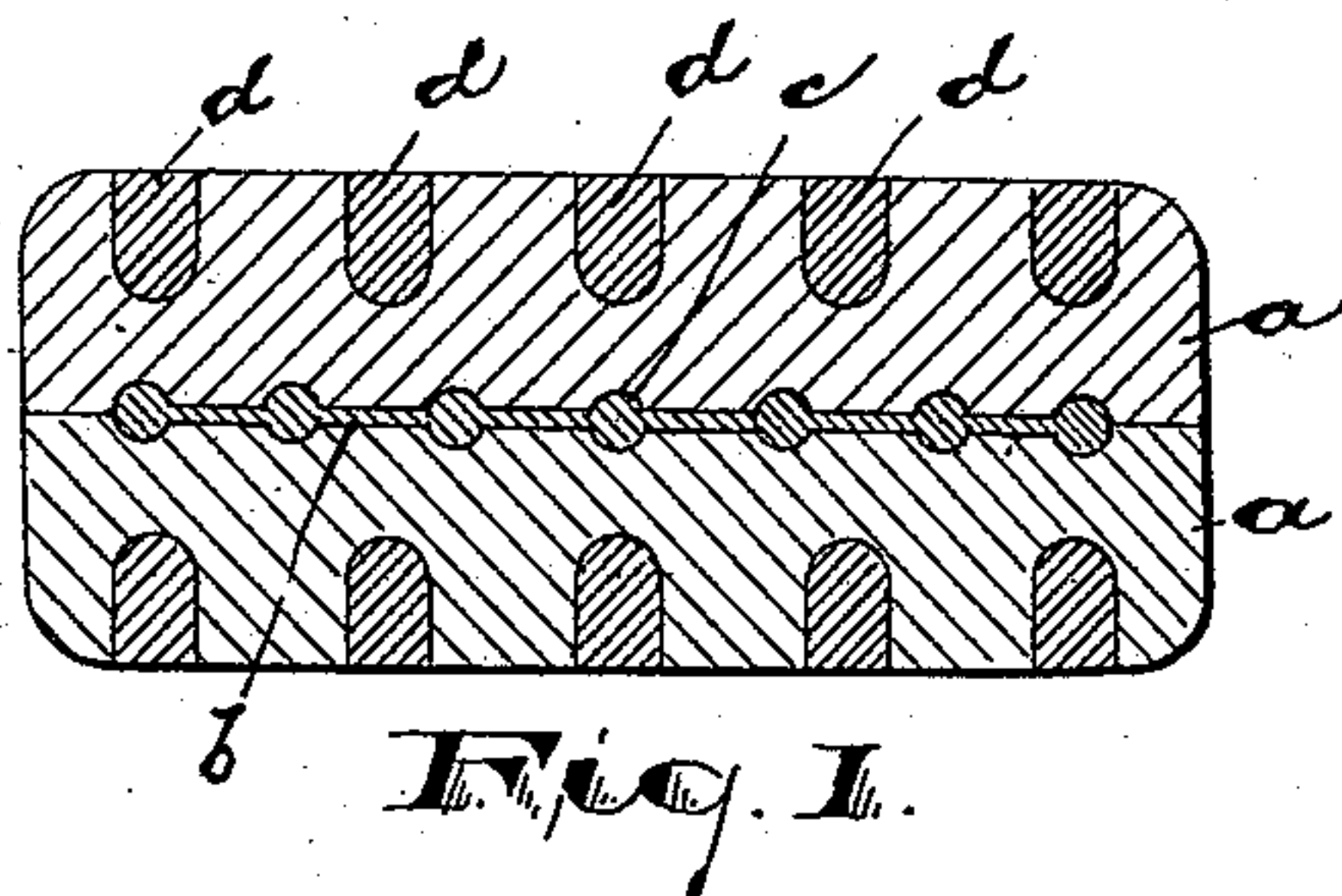


Fig. 1.

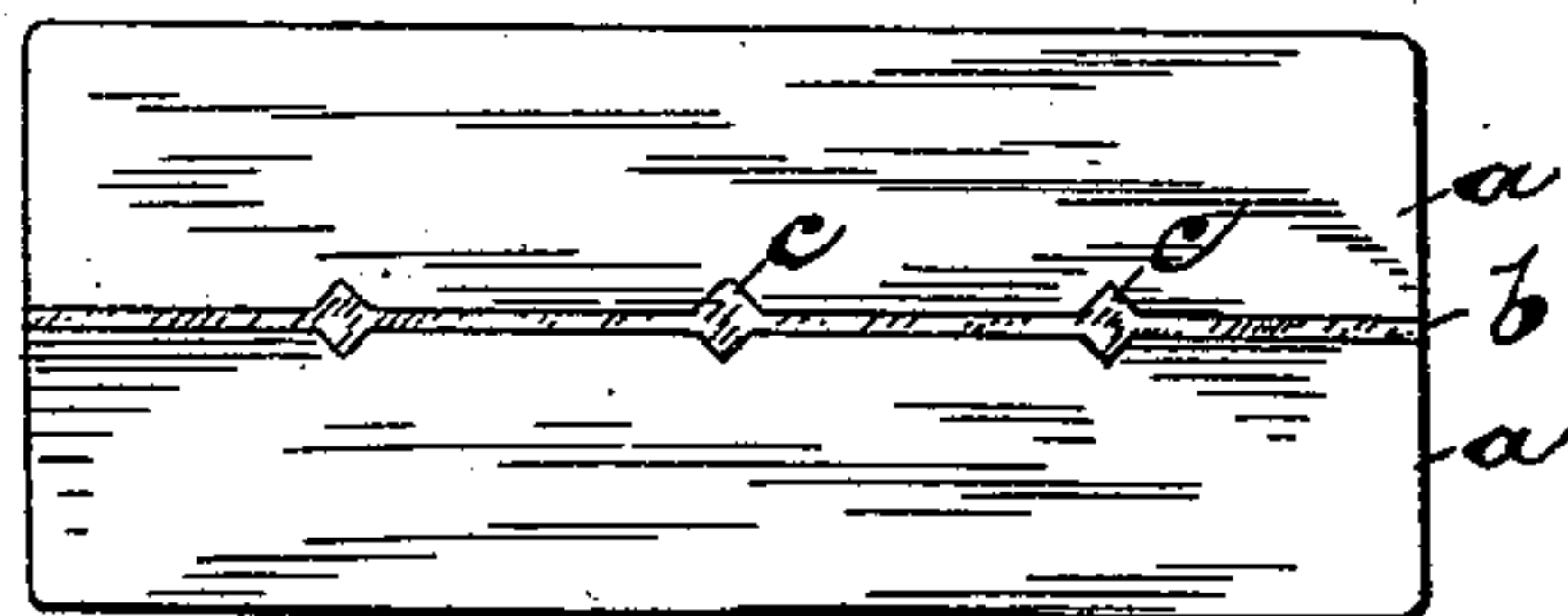


Fig. 2.

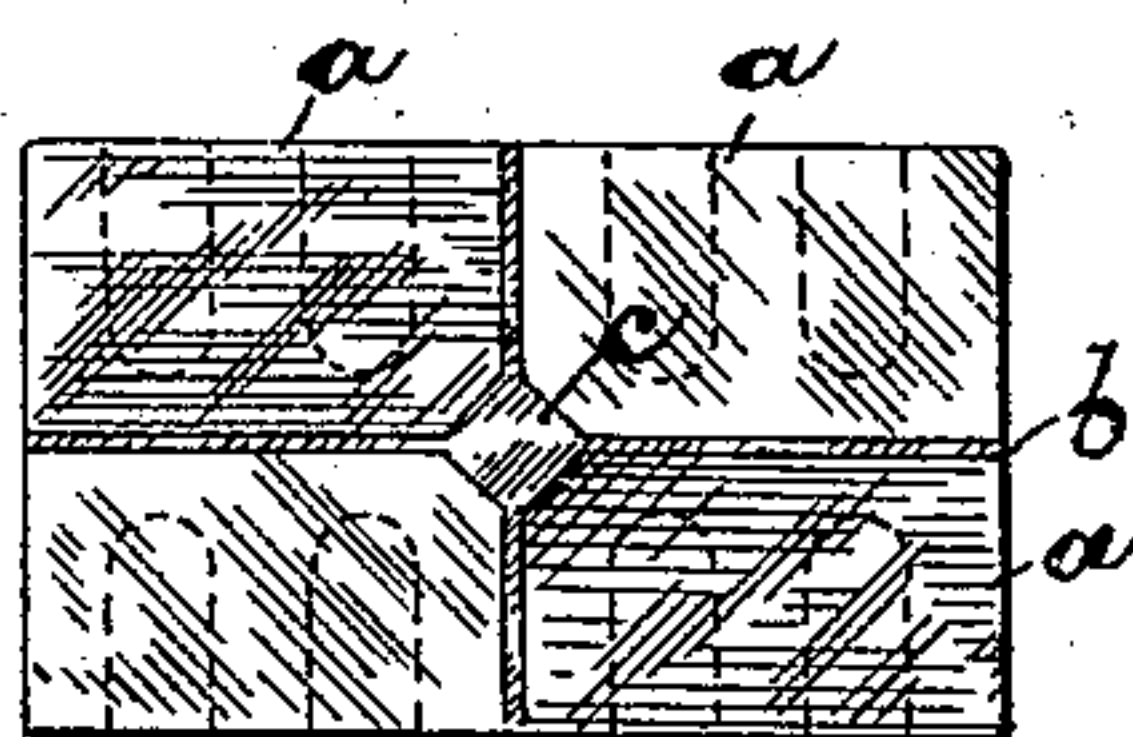


Fig. 3.

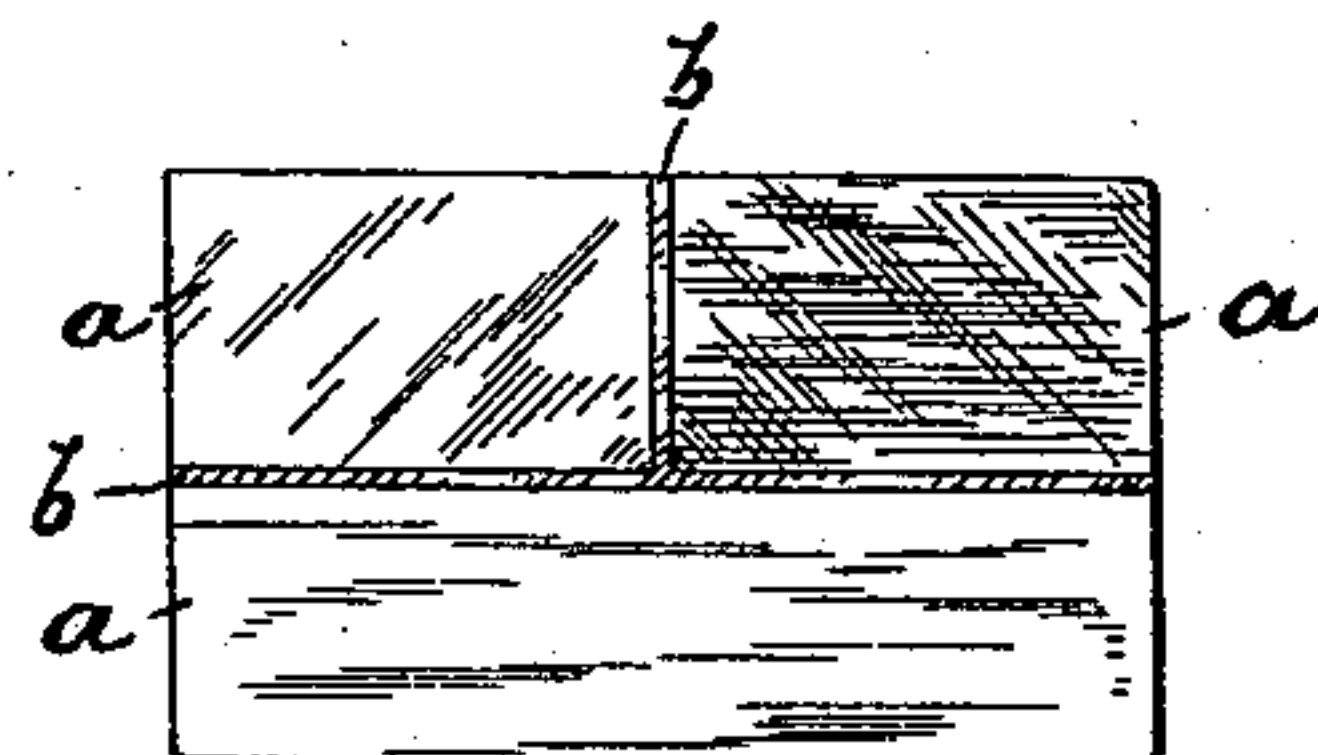


Fig. 4.

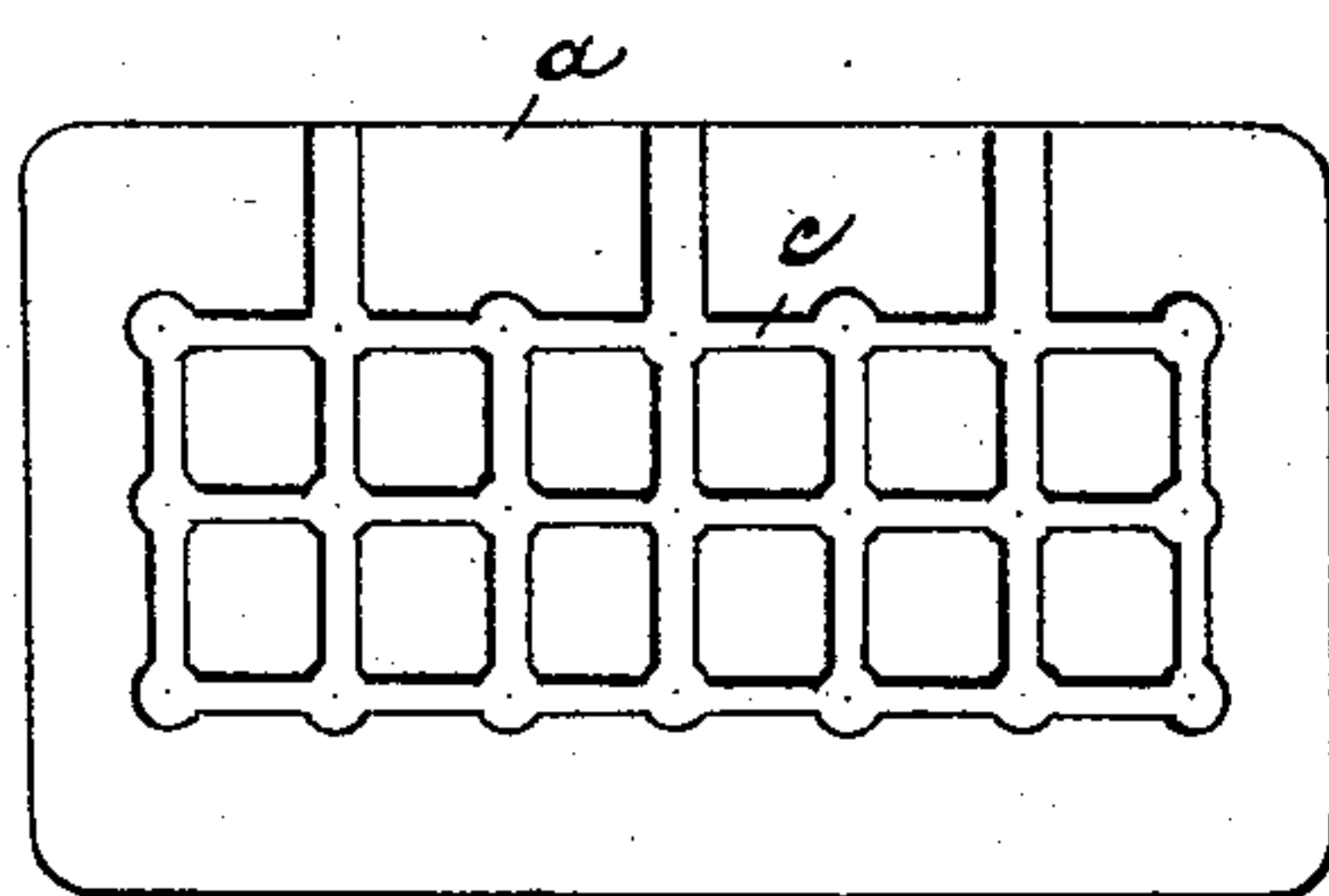


Fig. 5.

WITNESSES:

INVENTOR:

Robert Sallberger
C. B. Pitney.

Leopold S. Samuel,

BY Drake & Co. ATTY'S.

UNITED STATES PATENT OFFICE.

LEOPOLD S. SAMUEL, OF NEWARK, NEW JERSEY.

SOAP CAKE.

SPECIFICATION forming part of Letters Patent No. 549,687, dated November 12, 1895.

Application filed September 5, 1895. Serial No. 561,499. (No model.)

To all whom it may concern:

Be it known that I, LEOPOLD S. SAMUEL, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Soap Cakes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to certain improvements in that class of soap cakes represented by the one shown in my prior patent, dated December 4, 1888, No. 393,928, the object of the present improvements being to provide a cake in which the medicaments other than soap inserted in receptacles will be more perfectly and equally brought into medicinal service; to provide a soap cake the sections of which will be more firmly and securely united without the employment of fastening or joining means such as will tend to interfere with the convenient use of the cake in washing or interfere or detract from its appearance; to enable soaps of distinct medicinal qualities to be fastened together and produce a composite soap the different medicinal components of which will be separate and apart from one another, and thus not liable to act chemically or otherwise upon one another, and to secure other advantages and results, some of which may be referred to hereinafter in connection with the description of the working parts.

The invention consists in the improved soap cake and in the arrangements and combinations of parts thereof, all substantially as will be hereinafter set forth, and finally embraced in the clauses of the claim.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several views, Figure 1 is a sectional view of a soap cake, showing the parts in their relative positions. Figs. 2, 3, and 4 are side views of the same, showing detail modifications of construction; and Fig. 5 is a detail of one of the sections, showing an inner side thereof in plan and exhibiting certain canals or

channels in which certain cementing fluid is poured for holding the sections together.

In said drawings, *a a* are soap cakes formed of suitable saponaceous materials. These are provided, preferably, with exterior receptacles *d d* for the reception of medicaments or materials other than soap.

The soap cake referred to in my prior patent is intended more particularly for endwise use—that is to say, said cake is inclosed with wrappers, excepting at one end, which end is exposed, so that the soap can be applied by rubbing said exposed end. The present construction is intended for service where the soap is to be used more freely and the medicament applied in greater quantity, and to secure this free supply, instead of forming the receptacles interiorly, as in my prior soap cake, the receptacles *d* are formed in the outer parts of the sections, said receptacles opening outwardly on opposite sides of the soap cake and so that when filled with the composition containing medicaments said medicaments will come freely into contact with the skin and the beneficial results will be more immediate.

The sections *a a* are not only composed of saponaceous materials, but also embrace other materials having medicinal qualities—such as sulphur, tar, and other well-known medicaments—and these medicaments are each in separate or distinct sections, the sulphur in one, the tar in another, and so on. The composite soap cake thus composed of distinct sections is variously colored, the section containing one medicament being of one distinguishing color and that containing another medicament being of another distinguishing color. By being of different colors and medicaments, the colors and medicaments corresponding with a prearranged plan or system, the medicaments embraced in the body of the cake can be readily cut away from said cake by means of a knife, when not particularly desired, by following the outlines of the colors, as will be understood.

The sections of the soap cake are preferably united by a wax. The wax known in the market as “cerosine” I have discovered is particularly desirable for the purpose, in that it serves as a binder or cement of peculiar strength in connection with the saponaceous

ceous bodies. This material is not soluble in water, and thus will not prematurely dissolve away and allow of the sections separating from one another. On the other hand, 5 the wax will readily allow of the sections being cut away by means of a knife, as above described.

To secure a more perfect and secure union of sections, the latter are provided with canals opening outwardly and into these the 10 wax is run when in a hot and fluid condition and from thence into the more close seam or joint between the sections separating the different medicaments, so that there can be no 15 chemical or other action instituted between them tending to produce a deterioration of medicinal qualities.

Having thus described the invention, what I claim as new is—

20 1. The improved soap cake herein described in which is combined medicated sections and an intermediate layer of wax, serving as a cement, substantially as set forth.

25 2. The improved soap cake herein described in which is combined medicated sections and an intermediate layer of cerosine, substantially as set forth.

30 3. The improved sectional soap cake, the sections of which have a layer of cerosine therebetween, substantially as set forth.

4. The improved sectional soap cake, the sections of which have interior canals formed on the inner sides, and cement inserted therebetween in said canals, substantially as set forth.

35 5. The improved soap cake having receptacles opening on the outer opposite sides, and matter, differing from the body of the soap, in said receptacles, exposed for immediate service, substantially as set forth. 40

6. The improved soap cake herein described, comprising differently colored sections and an intermediate layer of wax, said parts being combined substantially as set forth. 45

7. The improved soap cake herein described comprising differently colored and medicated sections and an intermediate layer of wax, substantially as set forth.

8. The improved soap section herein described, comprising differently colored and medicated sections and an intermediate layer of cerosine, substantially as set forth. 50

In testimony that I claim the foregoing I have hereunto set my hand this 27th day of 55 August, 1895.

LEOPOLD S. SAMUEL.

Witnesses:

CHARLES H. PELL,
C. B. PITNEY.