

(No Model.)

N. JEWETT.
SOAP CAKE.

No. 488,393.

Patented Dec. 20, 1892.

Fig. 1.

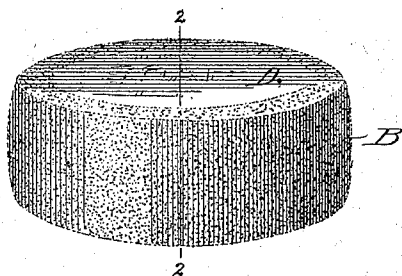


Fig. 2.

on line 2-2.

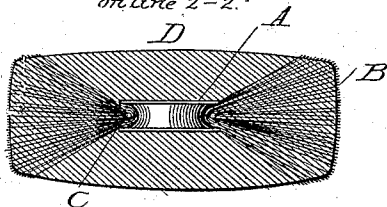
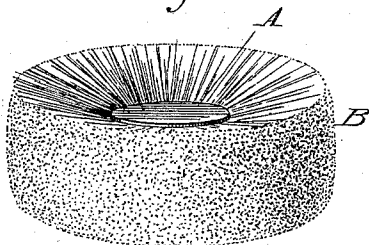


Fig. 3.



Witnesses

Raymond F. Barnes.
F. S. Elmer

Inventor

Nathan Jewett

By his Attorney

P. T. Dodge

UNITED STATES PATENT OFFICE.

NATHAN JEWETT, OF CHICAGO, ILLINOIS.

SOAP CAKE.

SPECIFICATION forming part of Letters Patent No. 488,393, dated December 20, 1892.

Application filed July 29, 1892. Serial No. 441,565. (No specimens.)

To all whom it may concern:

Be it known that I, NATHAN JEWETT, of Chicago, county of Cook, and State of Illinois, have invented a new and useful Improvement in Soap Cakes, of which the following is a specification.

The aim of my invention is to combine with toilet soap an abrasive material in such manner that it will be retained in operative position until the entire cake of soap is consumed, or practically so, and so that the material may be held or retained so that it will not find its way into the pipes or drains of the building.

To this end it consists in attaching fibrous material such as hair, bristles or vegetable fiber to a spool or other holder, which is embedded or incorporated within the block of soap. The holder thus incorporated in or surrounded by the soap serves to hold the fibers firmly in position, while at the same time their ends are permitted to protrude beyond the surface of the soap to co-operate therewith after the manner of a brush to assist in the cleansing action.

Referring to the drawings:—Figure 1 represents a perspective view of a partly consumed cake of soap in accordance with my invention. Fig. 2 a cross section of the same on the line 2—2 and Fig. 3 a perspective view of the spool or holder and the fiber attached thereto as it appears before it is introduced into the soap.

Referring to the drawings:—A represents a peripherally grooved spool of wood or other suitable material, and B a series of bristles or other long fibers grouped around and extending outward in all directions from the spool, and secured firmly thereto by a binding wire C or equivalent fastening device. As shown in the drawings, the bristles are doubled or bent at the middle, and the wire applied in the bight or fold at the middle. The only essential requirement is that the holder should be adapted to retain firmly a mass of fiber and prevent its separation, and it is to be understood that it may be made in any form, and the fibers arranged in any manner and secured thereto by any fastening which will secure the end named.

D represents a cake of soap in which the holder is embedded or inclosed so that the fibers extend upward in various directions to the outer surface. The ordinary practice is to mold the soap in a press around the holder. The cake may be formed of such size that it will in the first instance extend slightly beyond the fibers in order to completely inclose them, and thus admit of the soap being more conveniently handled and packed for transportation. As soon as the consumption reduces the size of the cake the ends of the fibers will become exposed for use.

An essential feature of my invention is the uniting of all the fibers incorporated in the cake so that they may be, one and all, retained until the cake is consumed or discarded. The advantage of this connection lying in the fact that the fibers are thus prevented from escaping individually as the consumption of the cake progresses, and finding their way into the drain pipes, and into other objectionable places as they would be liable to do if incorporated loosely or unconnectedly in the soap.

Having thus described my invention, what I claim is:

1. As a new article of manufacture, a cake of soap having incorporated or inclosed therein a body of connected fibers extending radially through the body of soap to the surface.

2. In combination with a cake of soap a holder completely surrounded and held in place thereby, and a series of fibers attached to said holder and extending therefrom radially to the surface of the soap.

3. In combination with a cake of soap the grooved spool therein, the fibers surrounding the same, and projecting therefrom into or through the soap and the wire binding said fibers to the spool.

In testimony whereof I hereunto set my hand, this 12th day of April, 1892, in the presence of two attesting witnesses.

NATHAN JEWETT.

Witnesses:

W. R. KENNEDY,
F. S. ELMORE.