

# UNITED STATES PATENT OFFICE.

PETER BURNS, OF SAN FRANCISCO, CALIFORNIA.

## IMPROVEMENT IN BLEACHING-SOAP.

Specification forming part of Letters Patent No. **168,223**, dated September 28, 1875; application filed December 10, 1874.

*To all whom it may concern:*

Be it known that I, PETER BURNS, of San Francisco city and county, State of California, have invented an Improved Bleaching-Soap; and I do hereby declare the following description sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvement without further invention or experiment.

My invention relates to a novel combination of ingredients for the manufacture of a soap for washing and bleaching purposes.

To make my improved soap, I take equal parts of tallow and cocoa-nut oil and about ten per cent. of resin. To these ingredients I add a sufficient quantity of caustic soda to convert them into a soap of the desired hardness. I then make a mixture of the following ingredients, in about the proportions given, and add it to about four hundred pounds of the soap above described.

*Mixture.*—Alcohol, one (1) gallon; borax, thirty (30) pounds; benzoin, one (1) gallon; ammonia, one (1) gallon.

After adding the mixture to the soap I add the desired quantity of any flavoring-extract in the usual way. The soap is then allowed to stand and harden, when it can be cut out or otherwise formed into bars.

This soap possesses extraordinary cleansing and bleaching qualities, and, when properly used, fabrics can be cleansed with it without rubbing.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

A soap compound consisting of the ingredients tallow, cocoa-nut oil, resin, caustic soda, alcohol, borax, benzoin, and ammonia, in about the proportions specified.

In witness whereof I hereunto set my hand and seal.

PETER BURNS. [L. s.]

Witnesses:

JNO. L. BOONE,  
C. M. RICHARDSON.