

UNITED STATES PATENT OFFICE.

JACOB B. RAND, OF FISHERSVILLE, NEW HAMPSHIRE, ASSIGNOR TO HIMSELF AND JASON SMITH, OF BENNINGTON, VERMONT.

IMPROVED SOAP COMPOSITION.

Specification forming part of Letters Patent No. 42,444, dated April 19, 1864.

To all whom it may concern:

Be it known that I, JACOB B. RAND, of the town of Fishersville, in the State of New Hampshire, have invented a new and useful Combination of Materials for Making Soap; and I hereby declare that the following is a true and exact description and proportion of the ingredients entering into the composition of the same.

In the composition of my soap the following is an enumeration of the ingredients and of the proportions in which they are used: nine gallons of water, thirty-three pounds of whiting, four and a half pounds of carbonate of soda, nine table-spoonfuls of alcohol, nine table-spoonfuls of spirits of turpentine, nine table-spoonfuls of aqua ammonia, fifty pounds of Brown's bleaching compound, half pound of borax, half pound of alum.

Directions for making soap: First, have the water boiling; second, add the whiting and stir it until dissolved; third, add Brown's bleaching compound and stir until dissolved;

fourth, add the carbonate of soda; fifth, pulverize the borax and alum combined, add them to the above ingredients, and stir for two or three minutes; sixth, add the spirits of turpentine, the alcohol, and aqua ammonia. Stir them until the whole mixture is completely incorporated. Then pour off for cooling, and when cool the soap is fit for use.

By increasing slightly the quantity of Brown's compound the soap may be made harder. Age greatly improves the quality of the soap.

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

The combination and process of mixture and incorporation of the ingredients above mentioned, for the purpose herein set forth.

JACOB B. RAND.

Witnesses:

CHARLES ALEXANDER,
EDM. F. BROWN.