

United States Patent Office.

JOHN C. SMITH, OF BERNVILLE, PENNSYLVANIA.

Letters Patent No. 102,981, dated May 10, 1870.

IMPROVEMENT IN WASHING-SOAP.

The Schedule referred to in these Letters Patent and making part of the same

Be it known that I, JOHN C. SMITH, of Bernville, in the county of Berks and State of Pennsylvania, have invented a new and improved Washing-Soap; and I do hereby declare that the following is a full, clear, and exact description of the composition and the mode in which I make and apply it.

This invention has for its object to provide a washing-soap which shall effect a saving in time, fuel, and labor, by not requiring the usual amount of beating, rubbing, and boiling, which occupies much time and strength, besides injuring the clothing; and to this end

My invention consists in the composition of a washing-soap, of the ingredients and substantially in the proportions indicated, as will be more fully designated and set forth in the following specification and claim.

To enable others to make and apply my improved soap, I will proceed to give an exact description of the mixture and of the manner of using it.

Although the several ingredients may be somewhat varied, the following proportions I regard as the best:

Slake one (1) part of fresh lime in sixteen (16) parts of boiling water, and let it thoroughly settle, to form lime-water. Dissolve in eighty (80) parts of hot water, eight (8) parts of sal-soda, two (2) parts of pulverized borax, two (2) parts of pulverized rosin, to which add the clear lime-water, and thirty-two (32) parts of good common soap. Boil and stir the mixture until all the particles of the soap are dissolved

and thoroughly incorporated, when it is ready for use.

The process of washing with this compound soap is as follows:

Dissolve one (1) part of the compound soap in about sixty-four (64) parts of hot water; immerse the clothes to be washed in the solution or mixture while it is yet pretty hot, allowing them to remain for a few minutes; then rub them a little through the hands or on a wash-board, and, after having wrung them out, boil them for five minutes in a second mixture, prepared like the first; give them another gentle rubbing, and they will be beautifully white.

This soap may be put in general use, as it will restore to a state of perfect cleanliness the articles to which it may be applied.

Having thus fully explained my invention,

What I claim, and desire to secure by Letters Patent of the United States, is—

The soap consisting of the above enumerated ingredients, and prepared in the manner herein described and for the purposes set forth.

In testimony whereof I have signed my name to this specification, in the presence of two attesting witnesses, at Lebanon, Pennsylvania, this 30th day of March, 1870.

Witnesses:

WM. W. MURRAY,
JACOB WEIDLELGS.

JOHN C. SMITH.