

UNITED STATES PATENT OFFICE.

JOHN SHUGERT, OF ELIZABETH, PENNSYLVANIA.

IMPROVEMENT IN THE MANUFACTURE OF SOAP.

Specification forming part of Letters Patent No. **5,269**, dated September 4, 1847; antedated March 4, 1847.

To all whom it may concern:

Be it known that I, JOHN SHUGERT, of Elizabeth, in the county of Allegheny and State of Pennsylvania, have discovered a new and useful Saponaceous Compound for Cleansing Clothes and other Articles, which is described as follows:

Take two pounds of sal-soda and two pounds of raw turpentine, and one-half pound of slaked lime, previously steeped about twenty-four hours in water to remove its caustic or burning properties. To the above I add one pound of brown sugar. This composition I put into a vessel with about two gallons of water and boil it about half an hour, when it will have become a good soap for cleansing articles and forms an excellent basis for the saponaceous compound, to which I add about ten pounds of common soap, and boil the whole compound about two hours or until it will produce the required bars of soap. I then pour the compound into suitable coolers, and when cooled I cut it into the required bars for use, when it will be found to be the best soap for cleansing articles ever known or manufactured.

The above-named articles may be increased or diminished in quantity and also in degree of steeping or boiling, to suit the views of the manufacturer and the nature of the article required and the uses to which it is to be applied. Care, however, must be taken not to add too much lime, as it would injure the colors of printed goods washed with the soap containing it. The sugar is added for the purpose of rendering the use of the soap mild and soft to the hands. The lime, soda, and turpentine thus united form a powerful alkali, for which grease and animal and vegetable oils have a strong affinity.

What I claim as my discovery, and for which I ask Letters Patent, is—

The before-described composition, producing a saponaceous compound for cleansing clothes and other articles.

JOHN SHUGERT.

Witnesses:

WM. P. ELLIOT,
A. E. H. JOHNSON.