

Water
Bar Soap 22
Borate of Soda
Chlorinated Solution of Soda
Labbaraque's Solution of the
Chloride of Soda

Examiner

UNITED STATES PATENT OFFICE.

ANSON H. PLATT, OF CINCINNATI, OHIO.

IMPROVEMENT IN SOAP.

Specification forming part of Letters Patent No. 26,862, dated January 17, 1860.*To all whom it may concern:*

Be it known that I, ANSON H. PLATT, of Cincinnati, Hamilton county, Ohio, have invented a new and Improved Soap for General Family Use; and I hereby declare the following to be a full and accurate description of the ingredients entering into said soap, and the mode of compounding the same, of which the following is a specification.

I use in this soap four articles—viz., first, water; secondly, bar-soap; thirdly, borate of soda; and, fourthly, a chlorinated solution of soda (Labbaraque's solution of the chloride of soda) being the most convenient for use—and I compound it as follows: I take one-half pound of bar-soap, finely shaved, and dissolve it by heat in one pint of rain-water, and when it has cooled down to the greatest density which will admit of rapid agitation I add successively at an interval of about two minutes, first, one-fourth of an ounce of finely-pulverized borate of soda, and, secondly, one-fourth of an ounce of the chlorinated solution of soda, stirring the mass rapidly after the addition of each article until the whole is well incorporated, and when cool it will be a beautiful white hard soap, like the accompanying sample, wanting only a few days to dry and harden.

The following properties render this soap greatly superior to any other now known for general family or domestic use:

First, it possesses the detergent power of removing the soilure from fabrics without any of the usual rubbing-instruments, and thereby saves at least one-half the ordinary labor of washing, and that, too, the most severe part.

Second, by dispensing with the rubbing process in all its forms in cleansing apparel, clothes subjected to the action of this soap wear at

least one-third longer on an average than when treated in the ordinary manner.

Third, it is the most active and efficient erasive soap in removing tar, paint, grease, &c., of which I have any knowledge.

Fourth, owing to the bleaching properties of the chlorine present in this soap, fabrics renovated by it have a rare clear white appearance.

Fifth, it has very little action upon the hands, and leaves them soft and smooth.

Sixth, the chlorine almost wholly neutralizes the offensive affluvia of the wash-room, so much so as to be observed even by the most common capacity.

Seventh, this soap has no perceptible injurious effects upon the fiber of fabrics submitted to its action, as amply proved by actual experiment.

Use: Soap the worst soiled portions of the garments thoroughly, and put them to soak over night in water as hot as the hand can bear when applied to the clothes. In the morning wring them out, resoap the soiled parts, and put them to boil in cold suds for half an hour, using about the usual quantity of soap in making the suds. Then rinse well in two waters, rubbing the soiled spots, if any remain, slightly with the hands in the first rinsing water, and hang them up to dry, as usual.

What I claim as my invention, and desire to secure by Letters Patent, is—

The use of the ingredients and proportions thereof for a composition for soap, substantially as herein described.

ANSON H. PLATT.

Witnesses:

MARY L. PLATT,

MARY J. ANDREWS.