

# United States Patent Office.

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JACOB M. AUSTIN, OF YORK, PENNSYLVANIA, ASSIGNOR TO HIMSELF AND  
WILLIAM TASH, OF SAME PLACE.

*Letters Patent No. 99,811, dated February 15, 1870.*

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## IMPROVED SOAP MIXTURE.

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

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### *To all whom it may concern:*

Be it known that I, JACOB M. AUSTIN, of the city and county of York, in the State of Pennsylvania, have invented a new and useful Improvement in Soap Mixtures; and I do hereby declare the following to be a full and correct description of the same, sufficient to enable others to make it.

I boil six (6) quarts of soft or rain water, into which I pour one (1) ounce of beef gaul, three (3) ounces of sal soda, one-half ( $\frac{1}{2}$ ) ounce of borax, and one (1) table-spoonful of fine salt. To this I add seven (7) pounds of Colgate's opodeldoc which has been shaved fine. I stir the mixture briskly, and let it boil about twenty (20) minutes, until all the ingredients are well dissolved. I then take it from the fire and stir into the mixture one (1) gill of equal parts of ammonia, alco-

hol and turpentine, being one-third ( $\frac{1}{3}$ ) of a gill of each, and add, to perfume the mixture, one (1) ounce of sassafras. While warm I pour into square pans or boxes. When cold the soap is ready for use.

To color the soap ultra-marine and Chinese vermilion may be used.

Having thus described my invention,

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

The soap mixture, consisting of the ingredients in substantially the proportions herein described.

JACOB M. AUSTIN.

Witnesses:

SAML. K. MYERS,  
JAMES CAMERON.