

UNITED STATES PATENT OFFICE.

HENRY WARREN, OF GOSHEN, INDIANA.

IMPROVEMENT IN SOAP.

Specification forming part of Letters Patent No. **33,221**, dated September 3, 1861.

To all whom it may concern:

Be it known that I, HENRY WARREN, of Goshen, county of Elkhart, and State of Indiana, have invented a new and Improved Article of Toilet-Soap; and I do hereby declare that the following is a full and exact description of the ingredients and mode of making the same, which soap I term "Warren's Compound Chemical Toilet-Soap."

Take two gallons of clear water; hang it over the fire, and as soon as it boils put in eight pounds of Brown's opodeldoc, having shaved it up fine, three-fourths of an ounce of alcohol, one-half ounce spirits of turpentine, one and one-half ounce spirits of ammonia, two ounces sal-soda, two ounces borax, and one ounce spermaceti. Boil altogether for a few minutes, or until well dissolved. Then, for coloring, take one-half pint of the hot soap in a cup, and take

as much Chinese vermilion as will lie on a ten-cent piece, put it in the cup of hot soap, and stir it until well mixed. Then stir it in the soap as you pour it out in vessels. For coloring blue use ultramarine in the same way. This makes twenty-four pounds of soap, and it will become hard and solid in about three weeks. Brown's opodeldoc is an article of common manufacture by D. S. Brown, of New York.

I claim—

As an article of manufacture, a soap made of the ingredients above described, in the manner and in the proportions substantially as set forth.

HENRY WARREN.

Witnesses:

JOHN S. HOLLINGSHEAD,
F. S. MYER.