

# UNITED STATES PATENT OFFICE.

JOHN MENDESS, OF LONDON, ENGLAND.

## DETERGENT.

SPECIFICATION forming part of Letters Patent No. 618,208, dated January 24, 1899.

Application filed October 7, 1897. Serial No. 654,423. (No specimens.)

*To all whom it may concern:*

Be it known that I, JOHN MENDESS, a subject of the Queen of Great Britain, residing at 43 Burdett road, Bow, London, England, have invented a new and useful Composition of Matter Forming an Improved Detergent Compound, of which the following is a specification.

The invention consists of a compound adapted for use for dyeing purposes and possessing detergent properties. It will cleanse any materials and the dye contained will not stain the skin of the user. The basis of the preparation consists of a mixture of soft soap dissolved in water with a considerable proportion of alcohol. In order to increase the density, I may also add sugar solution in proportion from five to ten per cent. of sugar to the total solids. The dye may be any suitable one which will dye fast colors without a mordant or other coloring material which is without injurious effect in use.

For the preparation of the compound for dyeing purposes I proceed as follows: Take six gallons of pure water, bring to a boil, and then add fifty-six pounds of soft soap. Then mix until it is all dissolved. Then add two gal-

lons of the best methylated spirit. When all is well combined together, take one gallon of this fluid and add a quarter of a pound of substantive anilin dye of the required shade. To do this, it is best to warm a portion of the fluid and pour it onto the dye, stirring well until properly mixed, and then dilute the mixture with the remainder of the fluid. Some colors may require a little more dye to obtain the required state. In preparing black, for instance, take half a pound.

What I claim is—

1. In a liquid detergent and dyeing preparation the combination of soft soap, alcohol, and a substantive anilin dye.

2. In combination in a non-caustic detergent a substantive anilin dye capable of dyeing without a mordant, a soft-soap solution, alcohol, and a soluble neutral thickening substance.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN MENDESS.

Witnesses:

FREDERICK WILLIAM LE TALL,  
W. M. HARRIS.