



BENJAMIN F. SHAW, OF PEABODY, MASSACHUSETTS.

Letters Patent No. 86,702, dated February 9, 1869.

IMPROVED COMPOSITION FOR CLEANING PAINTED SURFACES.

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

To all whom it may concern :

Be it known that I, BENJAMIN F. SHAW, of Peabody, county of Essex, State of Massachusetts, have invented a new and improved Composition of Matter for Cleaning Painted Surfaces; and I do hereby declare that the following is a full and exact description thereof.

The nature of my invention consists in combining the detergents, *liquor ammoniac* and soap, with the solvents, alcohol and water, in such proportions as efficiency and harmlessness require.

To enable others skilled in the art to make and use my invention, I will proceed to describe its manufacture and mode of use.

I make my new and improved composition of the following-mentioned ingredients, and the proportions of those ingredients here stated, viz:

Seventeen parts or fluid-ounces of rain-water, or other soft water.

One part or avoirdupois-ounce of Castile soap, or Marseilles soap, made of olive-oil, soda, and iron, for coloring, dissolved in said water, warmed.

Two parts or fluid-ounces of alcohol, of ninety-five per cent. pure spirits.

Four parts or fluid-ounces of *liquor ammoniac*, of the gravity of 26° Baumé, commonly known as *liquor ammoniac F F F*.

The ingredients I mix in the order here observed, though I cannot say that this is essential.

The composition, which I name "White Windsor House-Cleaning Fluid," is to be diluted for use with

four fluid equivalents of soft water, and thoroughly agitated, as by directions which are printed for each bottle.

It is intended to be applied with a sponge previously moistened with soft water, and applied till the grease and grime shall have started or formed a float, whereupon it is to be washed off by means of a sponge or wash-cloth. The surface treated is thereupon to be dried by means of a linen towel. But any other means of application may be employed, if preferred.

This new and improved composition of matter is highly volatile, leaving nothing upon the surface to make the paint dingy, or to set free the coloring-matter by prolonged action upon the oil in the paint, as is often the case with solutions of soda, or strong soda and potash-soaps. It is more detersive than any compound hitherto employed for the purpose, cleans quicker, with much less labor, and better than any article within my knowledge. It removes acid-stains generally, and grease-spots from carpets and clothing, thus being valuable for the renovation of house-keeping fabrics as well as for paint-cleaning.

I claim the combination of water, *liquor ammoniac*, alcohol, and soap, in the proportions stated, or in other suitable proportions, for cleaning-purposes.

BENJAMIN F. SHAW.

Witnesses:

FITCH POOLE,
STEPHEN BLANEY.