

# UNITED STATES PATENT OFFICE.

SYLVESTER KENT, OF PROVIDENCE, RHODE ISLAND.

## IMPROVED WASHING-FLUID.

Specification forming part of Letters Patent No. **42,001**, dated March 22, 1864.

*To all whom it may concern:*

Be it known that I, SYLVESTER KENT, of Providence, in the county of Providence and State of Rhode Island, have invented a new and useful composition of matter for washing and cleaning purposes, the same constituting a new article of manufacture, which is hereby designated, and is therefore to be hereafter known as the "Turkish Washing and Cleansing Fluid;" and I do hereby declare that the following is a full, clear, and exact description of the same and the manner in which it is to be used.

The said washing and cleansing fluid is composed of the following ingredients, viz: potash, four pounds; sal-ammoniac, four ounces; salts of tartar, four ounces. These are dissolved in six (6) gallons of soft water in the following manner, viz: I dissolve the sal-ammoniac (four ounces) in two (2) quarts of water and the salts of tartar (four ounces) in two (2) quarts of water, each in separate vessels. When both are fully dissolved I pour the two solutions together, leave the liquid to settle, and pour it off clear from the undissolved matter. I then dissolve the potash in the remaining five (5) gallons of water, and add this solution to that of the sal-ammoniac and salts of tartar, and after allowing it to settle it is ready for use.

Instead of potash, sal-soda may be used; but it is objectionable, as being injurious to fibrous and textile fabrics, and to the flesh.

Spirits of ammonia may be substituted for sal-ammoniac; but it is objectionable for the purpose on account of its free evaporation.

The quantity of the sal-ammoniac may be reduced to one (1) ounce with approximate re-

sults; but the quantity first stated is preferred as best calculated to produce the desired result in the great variety of purposes for which this fluid is intended to be used.

This washing and cleansing fluid is generally intended for washing and cleansing various fabrics of cotton, wool, flax, silk, &c., in the laundry and household, and for general cleaning purposes, and may be used at its full strength, or for laundry purposes, diluted in the proportion of half a pint of the fluid to three pail-fuls of water, or thereabout.

I am aware that a combination of salts and alkali in solution have been heretofore used for washing and cleaning purposes; but all such with which I am acquainted have proved more or less injurious to the fabrics which they were intended to cleanse, and therefore of but little practical utility, a difficulty which I have succeeded in removing in the combination of ingredients hereinabove set forth, to which, be it understood, my invention is hereby restricted, and all other combinations are disclaimed—that is to say—

What I claim as a new article of manufacture with the within written name and title is—

Substantially the within-described combination of potash, sal-ammoniac, and salts of tartar in solution, as and for the purpose specified.

SYLVESTER KENT.

Witnesses:

ISAAC A. BROWNELL,  
GEORGE G. PHILLIPS.