

UNITED STATES PATENT OFFICE.

ALFRED A. ENQVIST, OF SAN FRANCISCO, CALIFORNIA.

IMPROVED WASHING-FLUID.

Specification forming part of Letters Patent No. **58,997**, dated October 23, 1866; antedated October 3, 1866.

To all whom it may concern:

Be it known that I, ALFRED AUGUSTUS ENQVIST, of the city and county of San Francisco, State of California, have invented certain new and useful Improvements in Compounding Ingredients for Washing-Fluids, called the "California Washing-Fluid;" and I do hereby declare that the following is a full, clear, and exact description for preparing and using the same.

The nature of my invention consists in so combining saponaceous and other alkalies and ingredients that the clothes to be washed will need no rubbing or pounding by the operator, which will be readily appreciated by those having fabrics of thin and costly texture, such as laces and other expensive articles of apparel to be washed.

To enable others skilled in the art to make and use my improved washing-fluid, I will proceed to describe the method of preparing and using the same, as follows:

I take one-half pound of common soap, cut it into thin slices, and put them into one gallon of boiling water. When it is well dissolved I add nine gallons of hot water. This forms sufficient suds for the washing of an ordinary family.

I prepare, by mixing in some suitable vessel, one fluidounce of water-ammonia and one-half ounce spirits turpentine, adding the

whole to the ten gallons of soap-suds above described. I then take the dirty clothes and put them into the above solution, covering the kettle or tub closely, letting them stand two hours, after which they are to be taken out and rinsed in clean warm water. After this is performed they are again to be rinsed in cold water, when the clothes are sufficiently clean for drying.

By this process and the use of my washing-fluid the labor of rubbing and pounding the clothes is saved, as well as the boiling, as is now the custom, thereby incurring the expense of fuel, as well as the wear and tear of the article to be washed, as in case of fine clothing, which cannot be rubbed without seriously damaging the fabric.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The compounding of the ingredients in about the proportion as herein described, in combination with the process substantially as set forth.

In witness whereof I have hereunto set my hand and seal this 16th day of September, A. D. 1865.

ALFRED A. ENQVIST. [L. S.]

Witnesses:

C. W. M. SMITH,
C. W. BOYNTON.