

UNITED STATES PATENT OFFICE.

DANFORTH JOHNSON, OF CHICAGO, ILLINOIS.

IMPROVED WASHING-FLUID.

Specification forming part of Letters Patent No. **45,613**, dated December 27, 1864.

To all whom it may concern:

Be it known that I, DANFORTH JOHNSON, of the city of Chicago, county of Cook, and State of Illinois, have invented or produced a new and original Composition in Washing-Fluid; and I do hereby declare that the following is a full and exact description of the same.

In order to show others how to make and use the same, I will describe it.

Take a quantity of wood-ashes, put them in an iron kettle, fill the kettle nearly full of water, put them over a fire, and let them boil till you get the strength of the ashes. Then to four quarts of water add, while hot, one ounce of borax, let it stand and get cool, and settle. If the solution is strong, add one pint to two pails of hot water, put your clothes to soak, rub them out, and boil them in the same kind of

preparation. Then rinse after the same process, your rinsing-water only half as strong. Then your clothes are ready for the bluing-water. By this process you need no soap, as the ash-lye removes the dirt and the borax prevents the dirt from adhering to the clothes, also takes out all stains and prevents their being yellow.

By this process I do away with all kinds of soap.

What I wish to secure by Letters Patent is—

Making a solution out of wood-ashes and borax to take the place of soap in washing clothing, as above described.

DANFORTH JOHNSON.

Witnesses:

T. T. PROSSER,
P. A. HOYNE.