

UNITED STATES PATENT OFFICE.

DAVID STANTON, OF WAYMART, PENNSYLVANIA, ASSIGNOR OF ONE-HALF HIS RIGHT TO HENRY S. WELLES, OF NEW YORK CITY, N. Y.

IMPROVEMENT IN LAUNDRY-SOAP.

Specification forming part of Letters Patent No. **184,991**, dated December 5, 1876; application filed November 23, 1876.

To all whom it may concern:

Be it known that I, DAVID STANTON, of Waymart, in the county of Wayne and State of Pennsylvania, have invented certain new and useful Improvements in Laundry-Soaps; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same.

To form the compound I make use of water, thirty-two gallons; carbonate of ammonia, four ounces; carbonate of potassa, four ounces; sal-soda, ten pounds; sal-ammoniac, four ounces; soap, six pounds. To these ingredients I add eight ounces of honey and four ounces of glycerine. These last two ingredients are used to soften or render the compound less harsh than it would otherwise be, for the compound or soap thus formed is intended for laundry and like purposes, and it is desirable to have the compound soft to the hands.

I have mentioned glycerine as one of the ingredients of my compound; but it may be entirely omitted without affecting the satisfactory working of the compound, since it is added to take from the compound that roughness which it has to the hands when the glycerine is omitted.

The ingredients can be mixed in any receptacle by simply adding the one to the other, and thoroughly stirring the compound. The mixing may be facilitated by heating the ingredients during the process of compounding them.

The effective operating agents of this compound are the carbonates of ammonia and potassa, and sal-soda and sal-ammoniac, and soap, and the proportions of these ingredients may be varied without departing from the essentials of the compound. For instance, the proportions of carbonates of ammonia and potassa may vary from four ounces to eight ounces each, and the proportion of sal-soda from six ounces to ten ounces. The proportions which are given in the formula I have found to be best for general use; but it is evident that the proportions of all the ingredients may vary somewhat without affecting the effective working of the compound.

This compound can be used in cleansing carpets and like heavy fabrics with as satisfactory results as are derived from its use in cleansing light linens.

The soap I prefer to use is Brown's or Colgate's; but any other good soap will answer.

Having described my invention, what I claim is—

The within-described compound, composed of carbonate of ammonia, carbonate of potassa, sal-ammoniac, sal-soda, honey, soap, and water, in about the proportions specified.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

DAVID STANTON.

Witnesses:

N. GOLDSBOROUGH,
WM. S. HENDERSON.