

UNITED STATES PATENT OFFICE.

CHAUNCEY H. WALKER, OF SANDY LAKE, PENNSYLVANIA.

SOAP.

SPECIFICATION forming part of Letters Patent No. 337,035, dated March 2, 1886.

Application filed November 24, 1885. Serial No. 183,841. (No specimens.)

To all whom it may concern:

Be it known that I, CHAUNCEY H. WALKER, a citizen of the United States, residing at Sandy Lake, in the county of Mercer and State of Pennsylvania, have invented certain new and useful Improvements in Soaps; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to improvements in the manufacture of soap; and it consists in the combination of the ingredients, as will be hereinafter more fully set forth, and particularly pointed out in the appended claim.

My invention consists in the following ingredients, combined in the proportions stated, viz: water, ten (10) gallons; beef-tallow, eight (8) pounds; rosin, four (4) pounds; potash, three (3) pounds; sal-soda, sixteen (16) pounds; pearline, one (1) pound; borax, eight (8) ounces; sulphate of soda, four (4) ounces; salts of tartar, one (1) ounce; camphene, one (1) ounce; ammonia, one (1) ounce; benzine, one (1) ounce; turpentine, one-half ($\frac{1}{2}$) ounce; oil of sassafras, two (2) ounces.

In carrying out my invention I first take ten (10) gallons of boiling water and place therein eight (8) pounds of beef-tallow. I then

add four (4) pounds of rosin and three pounds of potash and let them boil four hours. I then put in sixteen pounds of sal-soda, one pound of pearline, eight ounces of borax, four ounces of sulphate of soda, and one ounce of salts of tartar, and let them boil together for about fifteen minutes. I then remove the vessel from the fire and let them stand for about twenty minutes, after which time I put in one ounce of camphene, one ounce of ammonia, one ounce of benzine, and one-half ounce of turpentine. I then stir all together for about five minutes, and after the elapse of twenty minutes I put in two ounces of oil of sassafras, and after stirring for about two minutes I let the whole stand over night, when the soap is ready for use.

Having described my invention, what I claim is—

The compound herein described, consisting of beef-tallow, water, rosin, potash, sal-soda, pearline, borax, sulphate of soda, salts of tartar, camphene, ammonia, benzine, turpentine, and oil of sassafras, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

CHAUNCEY H. WALKER.

Witnesses:

HUGH BRADBURY,
E. A. NELSON.