

UNITED STATES PATENT OFFICE.

HENRY C. JONES, OF RATON, TERRITORY OF NEW MEXICO.

DETERGENT.

SPECIFICATION forming part of Letters Patent No. 729,600, dated June 2, 1903.

Application filed March 2, 1903. Serial No. 145,744. (No specimens.)

To all whom it may concern:

Be it known that I, HENRY C. JONES, a citizen of the United States, residing at Raton, in the county of Colfax and Territory of New Mexico, have invented a new and useful Improvement in Detergent Compounds, of which the following is a specification.

My invention relates to detergent compounds for sanitary uses—such as cleaning beer coils and faucets, pipes, sinks, &c., which are subject to an accumulation of grease and other substances requiring frequent cleansing to maintain them in an innocuous condition—and has for its object to provide an improved compound that can be readily applied to the parts to be cleaned and which will thoroughly cleanse and purify the same without danger of injurious effects upon the health of persons using the articles so cleansed.

In carrying out my invention I employ the following ingredients and in substantially the following proportions: sodium hydrate, ten parts; sodium chlorid, eight parts; Rochelle salts, one part; bicarbonate of soda, one part.

In the manufacture of the compound all of the above ingredients are first thoroughly pulverized, then mix the sodium chlorid and bicarbonate of soda, then add the Rochelle salts, and, finally, add the sodium hydrate, mixing the whole mass thoroughly.

In use add water sufficient to thoroughly dissolve the mixed compound, then force by

pump or otherwise into the coil to be cleaned or in contact with the article, allow to stand from three to five minutes, then force out with steam, water, or otherwise, and, finally, rinse with clear water. The result will be a thorough and effective cleansing of the article of its grease or other impurities without leaving any deleterious matter—a desideratum important in the cleansing of such articles as beer coils and faucets through which liquids to be drunk are dispensed.

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

1. A detergent compound, containing a mixture of sodium hydrate, sodium chlorid, Rochelle salts, and bicarbonate of soda.

2. A detergent compound, containing a mixture of sodium hydrate, ten parts; sodium chlorid, eight parts; Rochelle salts, one part; and bicarbonate of soda, one part.

3. A detergent compound or agent, consisting of a mixture of pulverized sodium hydrate, sodium chlorid, Rochelle salts, and bicarbonate of soda, in substantially the proportions set forth, and dissolved in water.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

HENRY C. JONES.

Witnesses:

J. A. McHUGH,
H. W. LOUCKS.