

UNITED STATES PATENT OFFICE.

GEORGE T. LEWIS, OF PHILADELPHIA, PENNSYLVANIA.

PERFUMED CAUSTIC SODA.

SPECIFICATION forming part of Letters Patent No. 241,383, dated May 10, 1881.

Application filed October 19, 1880. (No specimens.)

To all whom it may concern:

Be it known that I, GEORGE T. LEWIS, of the city of Philadelphia and State of Pennsylvania, have invented a Process for Producing a Perfumed Caustic Soda, of which the following is a specification.

Heretofore it has been desirable to perfume caustic soda, and numerous experiments have been made to produce a perfumed caustic soda, but without success, by reason of the saponification of the essential oil when brought in contact with the caustic soda. It has also been attempted to combine essential oils with caustic soda while in a molten condition; but, owing to the high temperature necessary to melt the caustic soda, the perfume, on adding the essential oil to such a heated mass, is driven off.

I have discovered that by taking granulated or pulverized caustic soda and adding thereto, while in a dry state, an essential oil, it is absorbed and retained by the caustic soda without in any way destroying or driving off the perfume of the oil, thus producing a perfumed granulated or pulverized caustic soda.

Owing to the granulated or pulverized condition of my perfumed caustic soda when used in soap-making—to which use it is chiefly applied—or otherwise subjected to heat, the perfume is not destroyed or driven off, as to melt it does not require a temperature of such high degree as would at the same time destroy or drive off the perfume.

Caustic soda prepared in accordance with

Letters Patent of the United States granted William Henry Balmain, December 20, 1870, No. 110,189, I have found best suited for my purpose, and I have obtained the best results by taking one pound of such granulated or pulverized caustic soda, adding thereto from ten to thirty drops of essential oil, according to its strength, and thoroughly mixing the same together in a dry condition. I do not, however, confine myself to these proportions, as they may be varied as occasion and experience may require. Nor is it necessary to mix the oil, as I have found that as soon as the oil is added it is quickly absorbed and permeates the entire mass. This perfumed caustic soda I put in suitable packages of any desired kind and size, as occasion and use may require, when it is ready for immediate use.

My perfumed caustic soda is also very desirable as a deodorizer or disinfectant, and as a boiler anti-incrustator.

What I claim is—

As a new article of manufacture, perfumed granulated or pulverized caustic soda possessing the qualities and characteristics herein specified.

In testimony of which invention I hereunto set my hand.

GEORGE T. LEWIS. [L. S.]

Witnesses:

O. B. MORRIS,

H. R. SHULTZ.