

UNITED STATES PATENT OFFICE.

A. H. CARPENTER, OF NEW YORK, N. Y.

IMPROVED CHEMICAL COMPOUND FOR THE MANUFACTURE OF MEDICATED GAS.

Specification forming part of Letters Patent No. 59,179, dated October 30, 1866.

To all whom it may concern:

Be it known that I, ABRAHAM H. CARPENTER, of the city, county, and State of New York, have invented a new and Improved Chemical Compound for Medicated Inhalations; 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 fully understand and make use of the same.

This invention or discovery consists in forming a compound of various salts and chemical ingredients, which are converted into a gas under such conditions as to become highly charged with oxygen and permanently magnetized, for the treatment of diseases by the inhalation of the gas. The inhalations of this medicated gas are breathed directly into the lungs, and through them carried into the blood, expelling all impurities from the system.

The ingredients of my medical compound are as follows: No. 1, ammonia, nitrate, eighty-five parts; No. 2, potassa, nitrate, three parts; No. 3, potassium, iodide, one part; No. 4, potassa, chlorate, five parts; No. 5, alumina, sulphate, three parts; No. 6, soda, biborate, three parts, making one hundred parts. These ingredients, in the above proportions, are to be well mixed and put in a glass or porcelain retort, which is subjected to a gentle heat until the salts are thoroughly combined or dissolved. The wires of a galvanic battery are then introduced into the retort below the chemical substances, and a powerful current of electricity is passed

through the mass during one hour, or thereabout, until it cools and granulates under the action of the electricity, as shown by the accompanying sample of the chemical compound marked No. 7.

This chemical compound is then converted into gas in a proper apparatus, in the ordinary way, by the application of heat, which gas is conveyed into a glass jar or other vessel, in which it may be kept hermetically sealed until it is used.

The manner of applying or inhaling the gas is the common method employed by means of rubber or other elastic bags.

It is perfectly harmless with the most delicate constitutions, and has been administered to thousands of patients with the happiest results, oxidizing and purifying the blood, and in cases of acute diseases—such as neuralgia, inflammatory rheumatism, asthma, and others of the same class—affording instant relief.

Having described the composition and method of compounding and applying my invention or discovery, what I claim as new, and desire to secure by Letters Patent, is—

Compounding certain chemical salts in the manner and proportions herein specified, for producing an electro-medical gas, to be used and applied in the manner and for the purposes herein described.

ABRAHAM H. CARPENTER.

Witnesses:

WM. F. MCNAMARA,
ALEX. F. ROBERTS.