

# UNITED STATES PATENT OFFICE.

DANIEL DUNSCOMB, OF NEW YORK, N. Y.

## DISINFECTANT LAUNDRY BLUING.

SPECIFICATION forming part of Letters Patent No. 259,832, dated June 20, 1882.

Application filed March 3, 1882. (No specimens.)

*To all whom it may concern:*

Be it known that I, DANIEL DUNSCOMB, of the city, county, and State of New York, have invented a new and useful Improvement in Disinfecting Compounds for Laundry Use, of which the following is a specification.

The object of this invention is to provide for laundry use a compound or composition especially adapted for disinfecting and at the same time whitening or bleaching clothes.

The invention consists of a compound of Chinese or soluble prussiate blue, carbolic acid, borax, and gum-arabic or other adhesive substance, in the proportions, by weight, of eighty (80) parts, or thereabout, of prussiate blue; ten (10) parts, or thereabout, of carbolic acid; five (5) parts, or thereabout, of borax, and five (5) parts, or thereabout, of gum-arabic or other adhesive substance. These ingredients are designed to be thoroughly mixed together to form a soluble paste that may be afterward molded into cakes or blocks of any convenient size and shape for use; or the said ingredients in the above proportions may be dissolved in water and put up in bottles or other suitable vessels and be sold and used as a liquid disinfecting-bluing.

When said compound is formed into blocks or cakes and dried said blocks or cakes are preferably coated with a solution of gum-arabic, gelatine, or other adhesive substance, to better prevent the evaporation and loss of the carbolic acid from the compound.

This improved compound possesses especial advantages for use in hospitals and sick-rooms where clothing and bedding is exposed to contact with persons suffering from contagious and infectious diseases, for if a suitable quantity of this compound be added to the water in which the clothes are washed the carbolic acid of the compound will operate to disinfect or destroy the germs of disease with which

they are contaminated, while the prussiate blue and borax combine in whitening or bleaching the clothes, their bleaching effects being especially noticeable after the ironing of the clothes, the application of a hot iron to the well-washed clothes resulting in making them as white as if bleached by long exposure to the sun and air.

The gum-arabic or other adhesive substance in the compound serves to hold the ingredients thereof together that it may be molded into suitable shapes.

Other disinfecting agents may be used in lieu of or in addition to the carbolic acid of the compound without departing from the object of my invention, which is especially to make a combined disinfecting and bluing or bleaching compound suitable and desirable for use in washing clothing or clothes that have been worn or used by those suffering from contagious or infectious diseases.

I am aware of Patent No. 151,085, which describes the use of borax and gum-arabic in a starch polish; and I am also aware that it is not new to use carbolic acid in soap, and I do not claim either invention.

What I claim is—

1. A bleaching, bluing, and disinfecting compound consisting of soluble blue, borax, gum-arabic, and a disinfecting agent, in substantially the proportions specified.

2. A bleaching, bluing, and disinfecting compound consisting of soluble blue, borax, gum-arabic, and carbolic acid, of substantially the proportion specified, mixed together, dried, and provided with an outer protective coating of some adhesive substance to prevent the evaporation of the carbolic acid, as set forth.

DANIEL DUNSCOMB.

Witnesses:

RUDOLPH WILLIAMS,  
JOHN W. BRIDGMAN.