

UNITED STATES PATENT OFFICE.

JULIUS QUAGLIO, OF BERLIN, GERMANY.

LANOLIN POWDER.

SPECIFICATION forming part of Letters Patent No. 415,351, dated November 19, 1889.

Application filed October 29, 1888. Serial No. 289,435. (No Specimens.) Patented in England October 3, 1888, No. 14,223.

To all whom it may concern:

Be it known that I, JULIUS QUAGLIO, a subject of the King of Bavaria, Germany, and a resident of Berlin, in the Kingdom of Prussia, Empire of Germany, have invented a new and useful Improvement in Lanolin Powders, (for which I have obtained British Patent No. 14,223, of October 3, 1888;) and I do hereby declare that the following is a full, clear, and exact description of the same.

The invention consists, essentially, in lanolin incorporated with suitable pulverized substances, in the manner and for the purpose hereinafter more particularly described.

It has been found by experience that the ordinary so-called "toilet powders" (which mostly consist of mixtures of fine starch, rice-meal, wheat-flour, or corn-meal, with mineral substances—such as magnesium, zinc-white, or permanent white) produce a deleterious effect on the skin, causing it to become dry and brittle, resembling parchment, by depriving the skin of its natural fatty substance. In order to avoid this injurious result it is necessary in the preparation of toilet powders to employ fatty substances which will assimilate with the skin. The powders that are usually sold under the name of "fat-powders" do not show any traces of fat, and are not prepared in the same manner as in my invention.

Experience has shown that lanolin is absorbed by the skin more readily and extensively than other fatty substances, and it cannot in its natural state, as such, be mixed with pulverized organic or mineral substances.

In carrying out my invention the lanolin

is partially dissolved and partially made into an emulsion by means of a partial solvent, such as ether, alcohol, chloroform, acetone, &c. This emulsion, after the evaporation of the fluid, can be made, in combination with magnesia, into a uniform loose fatty mass, which I call "lanolin magnesia." This is done during continual stirring while warm, and the solvents are regained by distillation. A similar compound may be obtained by means of Venetian magnesium, zinc-white, permanent white, (artificial precipitated sulphate of barium,) or chalk; but the specific gravity of these substances in comparison with lanolin seems to interfere with the uniformity of the mixtures, and therefore magnesia is preferable.

The lanolin-magnesia or the other above-mentioned lanolin combinations can afterward be readily reduced by means of rice-meal and similar pulverized substances, and I call these products "lanolin powders."

What I claim as new, and desire to secure by Letters Patent, is—

1. A toilet powder consisting of lanolin and a pulverized substance, substantially as herein described.

2. A toilet powder consisting of lanolin and magnesia, substantially as set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

JULIUS QUAGLIO.

Witnesses:

B. ROY,

A. VOGT.