

UNITED STATES PATENT OFFICE.

CHARLES GREEN, OF UXBRIDGE, MASSACHUSETTS, ASSIGNOR TO ALBERT C. WARREN, OF NEWTON, AND GEORGE L. STEVENS, OF BOSTON, MASSACHUSETTS.

COMPOSITION FOR USE IN THE TREATMENT OF TEXTILE FABRICS.

SPECIFICATION forming part of Letters Patent No. 668,145, dated February 12, 1901.

Application filed January 29, 1900. Serial No. 3,132. (No specimens.)

To all whom it may concern:

Be it known that I, CHARLES GREEN, a citizen of the United States, residing at Uxbridge, in the county of Worcester and State of Massachusetts, have invented a new and useful Composition for Use in the Treatment of Textile Fabrics, of which the following is a full, clear, and exact description.

The composition is adapted to improve the body and finish of cloths and other textile fabrics by imparting to them a fullness, softness, and brightness of finish which they would otherwise lack.

The composition comprises a mixture of a chlorid of an alkaline earth, chlorid or sulfate of potassium, or chlorid or sulfate of sodium, either singly or mixed, although I prefer the former, and glycerin. Of the alkaline earths I prefer to use the chlorid of magnesium, but do not confine myself to it or to the chlorid or sulfate of potassium or sodium, but may use any mechanical or chemical equivalent for either. The proportions of the ingredients used vary according to the results which it is desired to obtain. A good working composition would have from fifteen to twenty-five pounds of chlorid of an alkaline earth, from sixty to seventy-five pounds of the chlo-

rid or sulfate of potassium or sodium, or both, and from five to fifteen pounds of glycerin. The proportion, however, may be varied to any desired extent without departing from the spirit of the invention. The ingredients if dry are dissolved in water or if in solution water may be added.

The glycerin may be incorporated with the composition or solution before it is used or at the time of its use.

The cloth or fabric to be treated is saturated with the solution sufficiently to cause its fibers and threads to absorb the same when the surplus solution is removed from it by pressure or by an extractor and the cloth or the fabric dried.

Having thus fully described my invention, I claim and desire to secure by Letters Patent of the United States—

The composition for the treatment of fabrics consisting of a chlorid of an alkaline earth, an alkaline chlorid and glycerin in and about the proportions stated and adapted to be used substantially as set forth.

CHARLES GREEN.

Witnesses:

F. F. RAYMOND, 2d,
M. E. FLAHERTY.