114,069

UNITED STATES PATENT OFFICE.

JOHN MURRAY WALLACE, OF NEW YORK, N. Y., ASSIGNOR TO BERNHARD WEBER, OF SAME PLACE.

IMPROVEMENT IN RECOLORING FABRICS.

Specification forming part of Letters Patent No. 114,069, dated April 25, 1871.

To all whom it may concern:

Be it known that I, JOHN MURRAY WALLACE, of New York city, in the county and State of New York, have invented a new and useful Improvement in Process of Recoloring Fabrics; 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 make and use the same.

The object of this invention is to permit the restitution of the color to faded or spotted fabrics which are used on articles of furniture without requiring their removal from the frames to which they are secured.

Fabrics which would be injured or destroyed if detached for recoloring or dyeing can be preserved for use by my process, as they are recolored on their frames. For the coverings of household furniture, upholstery of all kinds, car-seats, benches, cushions, billiard-tables, carriage-linings, &c., this invention is of special value, as the recoloring process can be carried on while said fabrics are on their frames without employing steam or vats, and without injuring the fabric or the underlying hair or wood-work.

My invention consists of the following method: After the fabric to be recolored has been properly dusted and freed from grease-marks and stains by suitable means, such as diluted liquid ammonia or other chemical, while ink-spots can be removed by diluted oxalic acid, I apply to it, by means of a sponge, a hot solution of aniline color dissolved in alcohol and diluted in boiling water, in the proportion of one part of dry color to ten parts of alcohol, and as much water as may be required for producing the desired shade. While the fabric is still damp from this application of color, I apply to it, by another sponge, a solution of bromide of potassium or equivalent mordant, which will fix the color. Cold water is finally applied to take off the superfluous mordant.

It is evident that in place of a sponge a brush or other article may be used.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A process of recoloring faded fabrics by applying thereto an alcoholic aniline coloring solution, and infixing the same by the mordant immediately thereafter, while the fabric is still damp and on the frame, for the purpose of preventing injury to the fabric and the substance covered by the subsequent use of vats or steam.

The above specification of my invention signed by me this 18th day of January, 1871.

JOHN MURRAY WALLACE.

Witnesses:

ALEX. F. ROBERTS,

GEO. W. MABEE.