

UNITED STATES PATENT OFFICE.

THOMAS JEFFERSON, OF NEW YORK, N. Y.

SURFACING AND ORNAMENTING WALL-PAPER.

SPECIFICATION forming part of Letters Patent No. 273,364, dated March 6, 1883.

Application filed December 13, 1882. (Specimens.)

To all whom it may concern:

Be it known that I, THOMAS JEFFERSON, of New York city, in the county and State of New York, have invented certain new and useful
5 Improvements in Surfacing and Ornamenting Wall-Paper, Cloth, and other Materials, of which the following is a specification.

There have been many compounds for producing brilliants. I do not claim any of them.
10 My invention produces an entirely different effect. It produces a soft silky surface, entirely distinct from the bright sparkling spots produced by mica scales and analogous material. I take an earthy material having peculiar
15 qualities analogous to talc, but differing from any other mineral known to me. That which I have tested comes from mines in Mexico. It can be procured, properly washed to remove the copper, and, perhaps, other impurities, in
20 New York city. This material will receive and blend with coloring-matter, and produce a fine effect therewith, giving a surface evenly tinted with a dull luster approximating that of silk. The effect is imparted without any subsequent
25 brushing.

The following is a description of what I consider the best means of carrying out the invention:

I take about one hundred (100) pounds of
30 the above-described material, which I will designate as "talc," mingle with it two (2) pounds of pulp solferino or Turkey red and six (6) pounds of paris-white, and work it with water to a uniform consistency. I then add a thin solution of glue, size, or other adhesive material,
35 (starch may serve,) and, reducing the composition with water to the proper consistency, apply it by brushes to the surface to be treated.

Wall-paper may be grounded with this material by moving it past two or other number
40 of revolving brushes liberally supplied with the wash, and subsequently drying in the

shade on the gradually-moving racks common in the wall-paper business. The surface when dry may be embossed or printed with
45 any desired colors, or both. My experiments indicate that any coloring-matter—animal, vegetable, or mineral—may be employed.

The mode of operation and the effect produced are radically different from any in which
50 transparent materials are used, applied over a tinted ground. My material makes an opaque ground of the desired tint, shade, or tone, and with a soft silky luster at a single operation. To produce other than the pink silky surface
55 obtained by the above, coloring-matter of other hues may be employed, and the white varied in proportion or omitted.

I claim as my invention—

1. The process herein described for ornamenting the surface of paper, cloth, or other
60 materials by coating it with an earthy material analogous to talc, worked with coloring and adhesive materials, substantially as herein specified. 65

2. The wash described, composed of earthy material analogous to talc, with color, sizing, or other adhesive material and water adapted to produce a tinted silky surface, as herein
70 specified. 75

3. A fabric—such as paper, cloth, or the like—coated with earthy material analogous to talc, combined with coloring-matter and glue, size, or analogous adhesive material, as herein specified. 75

In testimony whereof I have hereunto set my hand, at New York city, New York, this 12th day of December, 1882, in the presence of two subscribing witnesses.

THOMAS JEFFERSON.

Witnesses:

EDWIN CLARK,

EDWARD COCKERILL.