

UNITED STATES PATENT OFFICE.

LUCIEN BAER AND DAVID KRAEMER, OF NEW YORK, N. Y.

WALL-PAPER.

SPECIFICATION forming part of Letters Patent No. 369,157, dated August 30, 1887.

Application filed February 28, 1887. Serial No. 229,193. (Specimens.)

To all whom it may concern:

Be it known that we, LUCIEN BAER and DAVID KRAEMER, citizens of the United States, and residents of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Wall-Paper, of which the following is a specification.

Our invention relates to the manufacture of wall paper or hangings, especially with a view to produce a satin-like effect; and it consists, essentially, in the employment of a compound of pulverized mica and aniline dye, as hereinafter more fully described.

In carrying out our invention we take a suitable quantity of pulverized mica in its natural dry state and mix therewith a suitable aniline dye in a liquid state and in sufficient quantity to thoroughly coat the particles of mica, thereby imparting thereto the color of the dye.

We then add to the compound thus obtained a suitable quantity of size and apply the same to the desired web of paper, using for this purpose a machine of any usual or suitable construction. The proportions of the mica and dye may be varied, and instead of adding the size to the compound, as above stated, it may be applied to the face of the paper intended to receive the compound, the effect thereof being to cement the particles of colored mica to the paper. The coating of aniline dye upon the particles of mica changes

the color thereof, as stated, without, however, depriving the mica of its inherent luster, and hence the mica upon the paper produces an effect similar to satin of a tint corresponding to the color of the dye employed, it being evident that the color may be varied.

It should be understood that the compound may be applied to the whole surface of the paper, thus forming a ground for a design of other or ordinary colors; or it may be applied to print a design upon another or ordinary ground, a superior effect being, however, produced by applying the compound to form the ground, due to the fact that the paper thus has the appearance of a satin body.

When the compound forms the ground upon the face of the paper, the latter may be left plain or uncolored, instead of being colored, as ordinarily, inasmuch as the compound serves to impart the desired color.

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

A wall paper or hanging having a ground of the desired color produced by means of a compound of pulverized mica and liquid aniline dye, substantially as and for the purpose described.

LUCIEN BAER.
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Witnesses:

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