

UNITED STATES PATENT OFFICE.

ADOLPH STUEBNER, OF PITTSBURG, PENNSYLVANIA.

IMPROVEMENT IN PROCESSES OF DECORATING WALLS.

Specification forming part of Letters Patent No. **177,895**, dated May 23, 1876; application filed March 31, 1876.

To all whom it may concern:

Be it known that I, ADOLPH STUEBNER, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Decorating Walls, Ceilings, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it.

This invention relates to an improvement in the art of decorating walls, ceilings, and plastered surfaces; and consists, substantially, in preparing the wall or surface first with any design, then applying the enamel, and finishing with a hot iron, as hereinafter described and claimed.

I take potash, Venice soap, and stearine, varying the proportions according as I wish to make a high or low degree of polish, hardness, &c. For most purposes equal portions of each are best. These ingredients I place in hot water, when the stearine melts, and, combining with the potash, and through it with the soap, forms a waxy liquid, which retains its fluidity when cold, and, once prepared, will keep for years. This constitutes my enamel.

To prepare the wall, it must be clean, and, if a new wall, I prefer to give it a final coat of lime and plaster-of-paris, which, however, is not an essential part of my invention. I then lay on the design, whether it be imitation of marble, stone, wood, paneling, or plain, in

water-color. I then apply the liquid enamel with any ordinary brush, and after that go over it with a hot iron, which imparts a smooth surface. The result is a highly-glazed surface, having the polished appearance assumed by marble. It is practically water-proof, and capable of being washed frequently, will not crack under ordinary conditions, and will endure for many years, while oil-varnishing wears away in a short time.

I mention Venice soap particularly as giving a higher polish; but for ordinary or common decorating an inferior soap might be used.

In view of the advanced state of the art to which my invention pertains, I do not claim as my invention either the composition herein described or the method, broadly, of glazing walls by the application of heat.

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

The improvement in the art of decorating walls, &c., consisting in first laying on the design in water-colors, then laying on the within-described saponaceous enamel, and finishing with a hot iron, substantially as specified.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of March, 1876.

ADOLPH STUEBNER.

Witnesses:

SAMUEL ANDERSON,
THOS. J. MCTIGHE.