

UNITED STATES PATENT OFFICE.

RICHARD SIEVERT, OF MERIDEN, CONNECTICUT, ASSIGNOR TO THE BRADLEY & HUBBARD MFG. CO., OF SAME PLACE.

METHOD OF FINISHING SURFACES OF WOOD, METAL, &c.

SPECIFICATION forming part of Letters Patent No. 540,880, dated June 11, 1895.

Application filed October 15, 1894. Serial No. 525,919. (No specimens.)

To all whom it may concern:

Be it known that I, RICHARD SIEVERT, of Meriden, in the county of New Haven and State of Connecticut, have invented a new and Improved Method of Finishing Surfaces of Wood, Metal, &c.; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to an improved method of finishing surfaces of wood, metal, and other materials, the object being to produce at a low cost for manufacture an attractive and durable finish, capable of extended variation in color and effect.

With these ends in view, my invention consists in a method comprising certain steps which will be hereinafter described and pointed out in the claim.

In carrying out my invention, I first granulate the surface to be finished by applying to it a granular substance such as sand or finely broken glass, which may be secured to the surface in any desired manner, as for instance, by preparing the same by applying an adhesive coating and dusting the sand or glass onto the said coating while it is still tacky. I then entirely cover the granulated surface thus formed, with a primary coating of pigment, which I preferably apply with a brush, and which is of a color suitable for forming the background of my finish. I then touch the high points of the granulations up with pigment of another color, forming the secondary coating, and applied with a brush, or in some other desired manner, so as to only partially obscure the primary coating of pigment, which will still be uncovered in the little depressions formed between the granulations, and therefore only partly obscured.

By applying the secondary coating of pigment liberally or sparingly, and variably, that is to say, in some places more than others, I am enabled to produce a great variety of effect. In some lights the body or primary coating of pigment will be seen to better advantage than the secondary coat, and vice-versa. I have obtained fine effects in finishing surfaces of wood by employing for the primary coat a varnish, filled with impalpable bronze powder, forming virtually a pigment, but having the effect, when applied, of leaf bronze.

My invention is applicable to the finishing of a variety of objects, but I design particularly to employ it in finishing parts of lamps.

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

A method of finishing the surfaces of wood, metal, and other materials, consisting in first granulating the surface to be finished by the superficial application to the said surface of a granular substance, then applying a coating of pigment over the granulated surface thus secured, to cover the same, and then applying a contrasting pigment to the high points of the granulations, and so that the pigment first applied is only partially obscured, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

RICHARD SIEVERT.

Witnesses:

F. A. LEEDS,
A. B. SAVAGE.