

UNITED STATES PATENT OFFICE.

JACOB WISSMANN, OF CHICAGO, ILLINOIS.

METHOD OF PAINTING.

SPECIFICATION forming part of Letters Patent No. 602,533, dated April 19, 1898.

Application filed May 7, 1897. Serial No. 635,574. (No specimens.)

To all whom it may concern:

Be it known that I, JACOB WISSMANN, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented a new and useful Improvement in Methods of Painting, of which the following is a specification.

My invention relates more particularly to a new and cheap process in imitation of enamel on metal, wood, stone, glass, or other smooth surfaces.

As a base for the application of my method of coloring I apply first a coating of japan, varnish, or oil to the surface on which the application is to be made. This is then allowed to dry. Upon this base I then apply a coat of liquid glue or sizing composed of ten per cent. glue, five per cent. onion extract, and balance water, and while green I sprinkle upon it the coloring material in a granulated-powder form. Whatever color I decide upon should be mixed with oil, turpentine, japan, or varnish, so that it may run or spread upon the wet surface.

I make onion extract by pressing out the juice of the raw onion, which freely unites with the glue and adheres better to the smooth metal surface.

If I desire to make any particular design instead of a uniform color, I outline it on the base above formed and then apply the glue or sizing. I then follow the design in dropping upon or by sprinkling the granulated powder of coloring material as above described, which may be bronze, gold, green, or any color desired, so that it mingles with or

partially dissolves in the glue or sizing. To give this a smooth appearance, I then apply benzin or turpentine, which penetrates and aids in dissolving the coloring material on the surface and causes it to become smooth and even. Having done this, when dry I varnish it, although this is not necessary for my purpose.

The advantage that I claim is that by my method of coloring on metal, glass, or other surfaces I secure a more durable coating and one which closely resembles enameling, and can secure in this manner any configuration in design, giving, if desired, a marbled or mottled appearance and at the same time as smooth as if polished.

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

The process of coloring metal, stone, wood, glass, &c., which consists in first covering the article so coated with a base of japan or oil and allowing the same to dry; second, in applying on the basic coating a coating of size composed of ten per cent. glue, five per cent. onion extract and eighty-five per cent. water, third, in sprinkling coloring matter carried by a suitable vehicle on said coating of size and finally after the before-mentioned coatings are dry finishing the same with a coat of varnish.

JACOB WISSMANN.

Witnesses:

E. G. JACKER,
L. HANKE.