

UNITED STATES PATENT OFFICE.

JOHN GSCHWIND AND CHARLES GSCHWIND, OF UNION, AND CHARLES
BEBERDICK, OF HOBOKEN, NEW JERSEY.

IMPROVEMENT IN THE METHODS OF ORNAMENTING MOLDINGS.

Specification forming part of Letters Patent No. **151,586**, dated June 2, 1874; application filed
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To all whom it may concern:

Be it known that we, JOHN GSCHWIND, of the town of Union, in the county of Hudson and State of New Jersey, and CHARLES GSCHWIND, of the same place, and CHARLES BEBERDICK, of Hoboken, in the county of Hudson and State of New Jersey, have invented an Improved Method of Ornamenting Foil-Covered Moldings for Frames, Panels, &c., of which the following is a specification:

This invention has for its object to impart to the surfaces of moldings that are used for picture-frames, looking-glasses, in rooms, &c., a tint, such as red, green, blue, rose, &c., of suitable shade and of a transparent character, so as to allow the metallic luster of the gold, silver, or imitation gold or silver foil, with which the moldings are covered, to be perceptible through, and impart a gloss of peculiar kind to the tinted surfaces of the moldings. The moldings will then appear tinted, and at the same time will have the metallic luster of the foil. Our invention consists in a new method of ornamenting molding by applying a transparent tinted varnish to the foil of the moldings, as will be hereinafter more fully described.

The composition and preparation of the transparent tinted varnish we prefer to use for covering the foil of the moldings are as follows: To about forty-eight grains of aniline color we take about one quart of alcohol, four ounces of powdered shellac, and about one pound of gum-sandarac.

The aniline color is finely powdered and mixed with some of the alcohol, so that it may be well dissolved therein. Instead of the aniline color, any other coloring matter may be used; but if mineral or vegetable coloring matter is used instead of the aniline color, about one hundred and forty-four grains thereof should be taken in place of the forty-eight grains of aniline. The mixture is allowed to stand for about two days, so that the color will be thoroughly dissolved. In order to reduce this mixture to a still higher degree of fineness, it may then be ground over on a slab until all grains of color have been completely reduced. To the color thus prepared the remaining alcohol and the other in-

gredients hereinbefore named are next added, or such ingredients may be added before grinding.

After these substances have been thoroughly mixed, the compound is left to distill for about five or six days, and is then finally filtered, in order to be perfectly clear and of equal shade throughout.

The tint of the aniline or other coloring matter may evidently be varied, so that an infinite number of tints, such as red, green, blue, orange, &c., may be produced.

The transparent tinted varnish, prepared as described, is applied over the gold or silver, or imitation gold or silver foil, with which the moldings are covered, and will impart to the moldings a most beautiful tint, and still allow the foil to show through the transparent tinted varnish, thus giving a surface of most exquisite beauty.

If transparent tinted varnish prepared of the ingredients named, and in about the proportions specified, is applied to a foil-covered molding, a very delicate and light shade of color will be produced. If it should be desired to have a darker shade, a second coat of the transparent tinted varnish is applied over the first; a third coat will make the shade of the molding still darker, and so on, so that by a sufficient number of applications of the transparent tinted varnish, the shade may be made very dark. If it should be desirable, two or more transparent tinted varnishes of different tints may be applied to the same molding, either side by side, or one on top of the other, and various designs and combinations of color may thus be obtained.

We claim as our invention—

The improved method of ornamenting foil-covered moldings for frames, panels, &c., by means of a tinted transparent varnish, prepared and applied substantially as described, and for the purpose above set forth.

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Witnesses:

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