

# UNITED STATES PATENT OFFICE.

WILLIAM HYLAND, OF NEW HAVEN, CONNECTICUT.

## ART OF DECORATING WOOD AND OTHER OPAQUE BODIES.

SPECIFICATION forming part of Letters Patent No. 333,127, dated December 29, 1885.

Application filed May 4, 1885. Serial No. 164,396. (Specimens.)

*To all whom it may concern:*

Be it known that I, WILLIAM HYLAND, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in the Art of Decorating Wood and other Opaque Bodies; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in a process for decorating the front or visible surfaces of wood or other opaque bodies.

The object of my invention is to provide a process whereby a beautiful illuminated decoration may be applied to the surface of wood and other opaque bodies at a small expense; and to this end it consists of—

First. Placing a bright metal deposit upon the surface to be decorated. Should the article to be decorated consist of a metal substance adapted to receive a high polish, such polished surface could be used in lieu of the metallic deposit.

Second. That of imprinting or sketching an outline of the design constituting the ornamentation, together with the necessary shade-lines.

Third. I cover the outlined sketch and all intervening metal background with thin transparent lacquers of the various tints necessary to produce the design in its full beauty, after which all the surplus metal can be removed from about the ornamentation.

By the use of the transparent lacquers a proper hue is given to each part of the orna-

mentation without destroying the effect of the shade-lines before imprinted, also permitting a brilliant reflection of the light by the bright metal background, which imparts a brilliancy and luster to the whole design that could not be accomplished if any other pigment were to be used, owing to the many opaque particles with which they abound.

Letters Patent were granted to me on March 10, 1885, No. 313,671, for a process of a similar nature; but, while the process as therein set forth contains the imprinted design, the use of the colored lacquers, and the metal background, it is wholly unadapted to be applied to the surface of an opaque body.

Therefore, what I claim as new, and desire to secure by Letters Patent, is—

A process of ornamenting the surface of wood or other opaque bodies, consisting of the combination of, first, preparing upon that part of the article to be decorated a bright metallic surface, either by polishing the said surface or depositing thin foil; second, of sketching or imprinting an outline of the required design, together with the necessary shade-lines, upon the said metallic surface; third, that of covering the outlined design and all intervening metal background with lacquers of appropriate colors, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in the presence of two witnesses.

WILLIAM HYLAND.

Witnesses:

FRANK J. HIGGINS,  
GEORGE R. COOLEY.