

UNITED STATES PATENT OFFICE.

PLATT C. CONNELL, OF CHICAGO, ILLINOIS.

PAINT COMPOSITION.

SPECIFICATION forming part of Letters Patent No. 325,160, dated August 25, 1885.

Application filed March 23, 1885. (Specimens.)

To all whom it may concern:

Be it known that I, PLATT C. CONNELL, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Composition of Matter to be Used as a Transparent Paint, and is especially adapted as a coating for walnut or walnut-stained woods, to give to such wood an improved shade of color imitating the color produced by age, of which the following is a specification.

The transparency of the compound permits the fine grain of the wood to be clearly visible through the coating, and unseasoned wood of ordinary quality so coated closely resembles fine grades of well-seasoned "antique walnut."

My invention consists in the employment of substitute or oil shellac as a body for the coloring material, and the composition preferably employed to imitate the color of antique walnut consists of the following ingredients, in the proportions stated: substitute or oil shellac, five gallons; coloring material, one gallon. The coloring material to imitate antique walnut is composed of Vandyke brown, four parts; rose-pink, one part, and a sufficient quantity of turpentine to make a liquid of the coloring material. Substitute or oil shellac is a well-known article of commerce, and consists of a gum, an oil, and a drier, African gum, linseed-oil, and japan being preferably employed, with turpentine to thin it down.

The proportions may be varied materially to secure the desired fluidity, consistence, and drying qualities to suit the nature of the material to be coated.

The coloring material employed must be ground in japan when a quick drier is required; but oil colors may be employed, if preferred.

The turpentine and coloring-matter are first mixed thoroughly together until a liquid solution is obtained, which solution is afterward mixed with substitute or oil shellac in about the proportions stated.

The color must be applied with a soft brush—such as a fitch or badger brush—as a smooth, unstreaked coating of the color cannot be laid with a coarse or bristle brush. The pores of the wood are first well filled before putting on the color, and the color is then varnished over in the usual way.

When the color is employed over the filler, it acts as a coat of shellac and prevents the varnish which is applied over the color from sinking into the wood, thus serving the double purpose of a shellac and a coloring material.

The rose-pink has a tendency to give to the Vandyke brown that rich reddish-brown cast which is characteristic of old or antique walnut. Any stained wood in imitation of walnut may be coated with the coloring material above described, and the antique color will be given to the surface so covered.

The transparency of the coloring material, as above stated, permits the finest-grained portions of the wood to be seen, and a finer quality of walnut is apparent than can be obtained by any of the ordinary methods or means heretofore employed for coating or surfacing walnut.

Substitute or oil shellac has been heretofore used as a cheaper composition than the ordinary or alcoholic shellac previously employed; but, so far as I am aware, substitute or oil shellac has not been employed heretofore as a body for coloring material.

Other coloring-matter than that above named may be employed to produce the required shade or color, and different proportions of coloring-matter and substitute or oil shellac than those above given may be employed. Turkey umber may be substituted for Vandyke brown, and rose-lake may be substituted for rose-pink, without departing from my invention, as a color somewhat similar to that required, but not so good, may be thus obtained without departing from my invention, as the essential feature of my invention consists in the employment of substitute or oil shellac as a body for the coloring material.

I claim as my invention and desire to secure by Letters Patent—

The coloring composition for imitating the color of antique walnut, consisting of substitute or oil shellac, Vandyke brown, and rose-pink, substantially as herein described.

PLATT C. CONNELL.

Witnesses:

WM. H. ROWE,
CHAS. G. PAGE.