

UNITED STATES PATENT OFFICE.

GEORGE V. HANN, OF NEW YORK, N. Y.

IMPROVEMENT IN THE PROCESSES OF MAKING IMITATION WOODS.

Specification forming part of Letters Patent No. **166,000**, dated July 27, 1875; application filed February 5, 1875.

To all whom it may concern:

Be it known that I, GEORGE V. HANN, of the city, county, and State of New York, have invented a new and useful Improvement in Coloring and Graining Wood, of which the following is a specification:

For graining wood in imitation of rosewood I propose to make a graining-color of acetic acid, extract of logwood, and oxide of iron, in equal parts, and apply it to the wood, first with a grainer in the ordinary way, and then apply the staining-color, composed of gum-shellac, alcohol, extract of logwood, and tincture of red sanders, in equal parts. After drying, which takes place in a few minutes, I sandpaper, and then apply suitable varnish, as may be preferred.

By the use of these compounds in this manner I save considerable in sandpapering, for I only have to do it once, whereas it has to be done twice in the common way, and I also save largely in time for drying, for a whole day is needed for that purpose in the common way.

These colors will be modified suitably for other woods by adding lighter or darker colors for lighter or darker woods. They are also more useful for preserving the wood than others, as the alcohol evaporates immediately and leaves the wood dry.

A decided advantage is obtained by applying the graining-color before the staining-color, in that the imitation of the natural wood is more perfect in consequence of it.

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

The process of making imitation woods by first graining a surface with a mixture of acetic acid, logwood, and iron oxide, and then staining with a mixture of shellac, alcohol, logwood, and red sanders, all substantially as specified.

G. V. HANN.

Witnesses:

T. B. MOSHER,
ALEX. F. ROBERTS.