

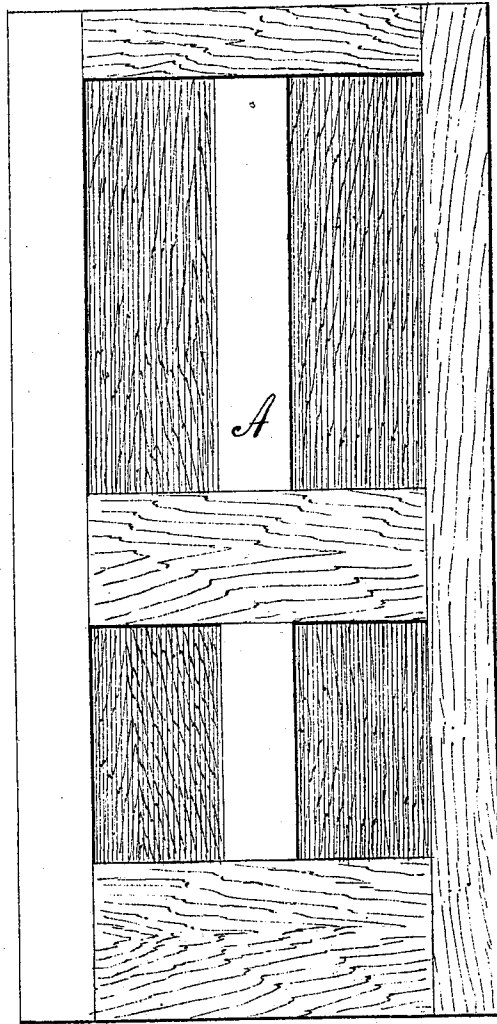
J. R. CROSS.

Improvement in Graining Processes.

No. 132,638.

Patented Oct. 29, 1872.

*Fig 1*



Witnesses:

*Chas. Nida*  
*H. L. Wattenberg*

Inventor:

*John R. Cross*  
*per G. W. Simpson*  
*Atty.*

# UNITED STATES PATENT OFFICE.

JOHN R. CROSS, OF MORRISANIA, NEW YORK.

## IMPROVEMENT IN GRAINING PROCESSES.

Specification forming part of Letters Patent No. **132,638**, dated October 29, 1872.

*To all whom it may concern:*

Be it known that I, JOHN R. CROSS, of Morrisania, in the county of Westchester and State of New York, have invented a new and useful Improvement in Graining Process; and that the following is a full and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The object of this invention is to make available the natural configurations of wood for graining purposes; and the invention consists in taking an impression of natural-wood configurations on transfer-paper, and by means thereof transferring the grain-lines, &c., to painted surfaces, &c.

In the accompanying sheet of drawing, Figure 1 represents a side view of door grained by my process, which, together with the following description, fully explains my invention.

A piece of wood having the grain-marks clearly defined is charged with color, the surplus color wiped off; then, by means of ordinary transfer-paper, an impression of the grain configurations is obtained in the usual way. The surface of a door, A, or other article, having received one or more coats of paint, (gen-

erally of some neutral tint for a background,) and this painted surface then being covered with a thin coat of varnish, which is allowed to become almost dry, the transfer-paper with the grain impression thereon, as before stated, is smoothly applied to the varnished surface; the paper then being made wet and peeled off, leaves adhering to the door nothing but an exact impression of the natural-wood grains before mentioned. When the door is thoroughly dry, it may be varnished, and this completes the process.

Instead of taking the impression from the natural grain of the wood, the surface thereof may be engraved to represent said graining, and the impression of said engraving taken and transferred, as above described.

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

The process of transferring the grain configurations of wood to painted or other surfaces, in the manner and for the purposes hereinbefore described.

JOHN R. CROSS.

Witnesses:

H. L. WATTENBERG,  
G. M. PLYMPTON.