

UNITED STATES PATENT OFFICE.

NICKOLAS SURGES, OF BORDENTOWN, NEW JERSEY.

IMPROVEMENT IN COMPOUNDS FOR FILLING THE PORES OF WOOD.

Specification forming part of Letters Patent No. 126,653, dated May 14, 1872.

To all whom it may concern:

Be it known that I, NICKOLAS SURGES, of Bordentown, in the county of Burlington and State of New Jersey, have invented a new Compound for Filling Pores of Wood, which is composed of the following ingredients and materials:

Take of whiting, two parts; white soap-stone, one part; burnt alum, one-half part; boiled linseed-oil, two parts; Japan, two parts; and turpentine, one part. Fill the above mixture with sufficient turpentine to make it about the thickness of ordinary paint, then with a common brush apply the compound to the wood desired to be varnished. Where the wood is of solid grain one coat of this filler will be amply sufficient, but where the grain is open two coats will sometimes be necessary. In a few moments after the filling is applied it will become dry, and then the wood is ready for rubbing or scraping, after which it is prepared to receive the varnish, one or two coats of which will make a more solid, durable, and

ornamental finish, and more easily and speedily effected than by any other process now in use.

I do not claim any particular kind or composition of varnish to be used. That ordinarily applied with the base or filler composed of the above ingredients will form a glossy and beautiful surface to the wood with a very trifling expense. Any ordinary coloring material can be used to suit the color of the wood without detriment to the base or filling.

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

The combination of the materials for filling pores of wood, as herein described, and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

NICKOLAS SURGES.

Witnesses:

JOHN O. RAUM,
JOHN W. GRAY.