

UNITED STATES PATENT OFFICE.

JOHN A. SHEPHARD, OF WOOSTER, OHIO.

VARNISH.

SPECIFICATION forming part of Letters Patent No. 305,636, dated September 23, 1884.

Application filed July 18, 1884. (Specimens)

To all whom it may concern:

Be it known that I, JOHN A. SHEPHARD, of Wooster, in the county of Wayne and State of Ohio, have invented certain Improvements in
5 Varnishes, of which the following is a specification.

The object of my invention is to provide a varnish for finishing wood and like surfaces well adapted to resist the action of water
10 and changes in temperature. To this end I provide the following ingredients of first quality: of cowrie (kauri) gum, one and one-fourth pound; of beeswax, one-half pound; of linseed-oil, three-fourths gallon; of turpentine,
*15 (more or less, according as it is desired to have the varnish dry with greater or less rapidity.) The ingredients are placed in a suitably-heated pan or kettle and boiled and thoroughly commingled until reduced to the proper consistency.
20 The compound is then run into a vat or cooler, that it may settle and clarify, after which it is thoroughly strained to remove impurities and foreign matters. The product

resulting from this operation is a varnish light in color but heavy in body, which will dry 25 rapidly and present a smooth, hard surface thoroughly impervious to water.

The varnish possesses the great advantage of having a heavy body and of being susceptible of finish by pumice-stone and oil or pumice-stone and water, and of being adapted to
30 take a dead-finish.

Having thus described my invention, what I claim is—

The herein-described varnish, consisting of 35 kauri gum, beeswax, turpentine, and linseed-oil in proportions substantially such as herein specified.

In testimony whereof I hereunto set my hand, this 17th day of July, 1884, in the presence of 40 two attesting witnesses.

JOHN A. SHEPHARD.

Witnesses:

M. M. ROHRER,
P. T. DODGE.