

United States Patent Office.

GEORGE CHAMBERS, OF ITHACA, NEW YORK.

Letters Patent No. 72,366, dated December 17, 1867.

IMPROVEMENT IN FINISHING WOOD.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, GEORGE CHAMBERS, of Ithaca, Tompkins county, New York, have invented an Improved Preparation for and Mode of Finishing Wood; and I do hereby declare that the following is a full and exact description thereof.

My object is to produce a hard and glazy surface, cheaply, durable, and rapidly on the surface of wood. For this purpose, I make a preparation as follows: To any convenient quantity of boiled linseed oil I add, over and above the ordinary drying-use of the article, any free and large excess of litharge, and also a small quantity of chalk, or of chalk and whiting and starch. This makes a thick, glutinous semi-fluid mass. Next, the surface of the wood being cut, planed, or sand-papered, or otherwise smoothed and polished, but having no preparation or mixture of any kind on it, I coat it over with the above preparation, rubbing it freely into the pores and grain of the wood. Then I at once apply a thick dusting or coating over the wood thus covered with my preparation of sulphate of lime or plaster of Paris. I let it stand for a few moments, that the fluid parts of the oil may be absorbed by the sulphate of lime. Then I proceed at once and polish the surface, using, if necessary, more plaster of Paris in so doing. Brushes, woollen cloths, and other articles in rubbing and polishing, are useful and used. Further, to suit the color of the wood, I use in my preparation, and in the plaster of Paris, various coloring-substances, the mineral ores being especially useful, as Vandyke brown, umber, Spanish yellow for black walnut and oak, chalk and whiting (in additional quantities) for maple and cucumber and satin-wood, and so of other colors and woods. These I mix in the preparation before it is applied to the wood, and, if necessary, in the plaster of Paris in polishing. The result is a fine, clear, even polish, that hardens, and is dry and ready for use, in much shorter time than varnish or other ordinary articles and modes.

The use of my invention is apparent to those skilled in the art to which it appertains.

Claim.

The preparation made of the ingredients and colors, and used substantially in the manner and for the purposes specified.

GEORGE CHAMBERS.

Witnesses:

SAMUEL J. PARKER,
F. J. McELHENY.