

United States Patent Office.

IMPROVED COMPOSITION FOR FURNITURE AND OTHER PURPOSES.

JAY J. WIGGIN, OF CINCINNATI, OHIO.

Letters Patent No. 60,309, dated December 4, 1866.

SPECIFICATION.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JAY J. WIGGIN, of Cincinnati, in the county of Hamilton, and State of Ohio, have invented a new and useful Composition for Furniture and other purposes, to which I apply the appellation, Egyptian Case-Hardened Marble; and I do hereby declare the following to be a full, clear, and exact description of the same.

The object of my invention is to provide an artificial substitute for wood, metal, and stone, which shall have the requisite qualities of hardness, neatness, and durability to adapt it for use in the manufacture of floors, coffins, billiard-table foundations, furniture, and for other analogous purposes.

My invention is carried out in the following manner: I take an aggregation of, say, two parts of sand, one part of air-slaked lime, and one part of clay, and boil the whole in coal tar or pitch for about eight hours. At a heat of about 250° Fahrenheit the liquid mass will have the consistency of thin molasses. After thus boiling the compound, I allow it to cool, when solidification and induration ensues. The composition when in its liquid state may be poured into moulds and made to assume the form of slabs, or it may be otherwise shaped to suit the purpose to which it is to be applied. It may be treated or worked up after solidification. It is designed to compose a foundation for billiard tables. It is also a good material for making coffins and articles of furniture, in the manufacture of which latter it is intended for general application. I do not restrict myself to the above uses, as it may, with obvious exceptions, be employed wherever wood or stone is applicable.

Having thus described my invention, the following is what I claim as my invention, and desire to secure by Letters Patent:

The compound produced by boiling a mixture of sand, lime, and clay in coal tar or pitch, in the manner and for the purpose substantially as specified.

J. J. WIGGIN.

Witnesses:

OCTAVIUS KNIGHT,
GEORGE W. ROTHWELL.