

## UNITED STATES PATENT OFFICE.

WILLIAM B. TAYLOR, OF WINTERPARK, FLORIDA.

## COMPOSITION FOR PRESERVING WOOD.

SPECIFICATION forming part of Letters Patent No. 759,938, dated May 17, 1904.

Application filed September 14, 1903. Serial No. 173,155. (No specimens.)

*To all whom it may concern:*

Be it known that I, WILLIAM B. TAYLOR, a citizen of the United States, residing at Winterpark, State of Florida, have invented certain new and useful Improvements in Compositions for Preserving Wood and for other Purposes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a composition of matter designed to be employed as a covering or coating for protecting wood from decay and for other various uses. Its object is to provide a simple and reliable preservative compound which is inexpensive of production and well adapted for the intended purpose.

In carrying my invention into practice I take of common glue one part; plaster-of-paris, two parts; resin, five parts, and tar, two parts. These are melted and mixed together.

In employing the compound for the preservation of timber the piece of timber to be treated is wrapped in a sheet of cotton-batting or cloth and dipped into the mixture while the latter is hot. The cotton or cloth covering is thereby thoroughly saturated and forms a coat or casing around the timber, this coat or casing serving to exclude all dampness or moisture from the timber and to prevent cracking of the timber from the heat of the sun and climatic changes. The covering also serves to prevent insects from boring into the wood or timber and weakening it and causing it to decay. The purpose of the cotton or cloth, cotton-batting being preferable on ac-

count of its absorbent qualities, is to give strength to the protecting cover or casing, as it prevents the preservative composition when hardened from cracking or breaking off. Timber thus protected will not be affected by atmospheric changes and may be preserved from rot under ground for many years.

The composition may be employed in the construction of sidewalks or roads by covering timber in the manner described above and laying the timber to form the walk or road surface, or the road-surface may be built of sand or dirt, the cotton or cloth spread upon the same, and the mixture poured over the cotton or cloth while in a heated state, so that when it hardens it will form a waterproof-surface which will not soften or crumble. The composition may further be employed in the manufacture of waterproof articles of various kinds.

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

1. A composition for the purpose described, composed of glue one part, plaster-of-paris two parts, resin five parts, and tar two parts.

2. A waterproof substance composed of an absorbent material saturated with a waterproof composition containing glue, plaster-of-paris, resin and tar.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM B. TAYLOR.

Witnesses:

PERCY DALE,  
WM. HOFFMAN.