UNITED STATES PATENT OFFICE.

WILLIAM W. BAXTER, OF HERSMAN, ILLINOIS.

IMPROVEMENT IN WATERPROOFING COMPOSITIONS.

Specification forming part of Letters Patent No. **204,702**, dated June 11, 1878; application filed May 13, 1878.

To all whom it may concern:

Be it known that I, WILLIAM W. BAXTER, of Hersman, in the county of Brown and State of Illinois, have invented certain new and useful Improvements in Compounds for Preserving and Waterproofing Wood and Cloth; and I do hereby 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 pertains to make and use it.

My invention relates to a compound for preserving and waterproofing wood and cloth, and is especially adapted for use in making coffins, but may be used for other purposes also; and it consists of a compound composed of ingredients which will be more fully described hereinafter.

In making this compound I take, of sulphur, one pound; graphite, one pound; litharge, one-half pound; charcoal, one pound; copperas, one-half pound; rosin, one-half pound; white lead, two pounds; linseed-oil, five gallons; oil of creosote, one-fourth pound. These articles are mixed to the consistency of a thick cream, when heat is applied, so as to raise the mixture to the boiling-point. Any kind of wood is then immersed in the mixture, and allowed to remain one hour or thereabout, when it will be found that the pores of the wood are so perfectly filled with the preparation that water or moisture from the earth will have no effect upon it. It is also rendered air-tight and proof against worms and insects of all kinds.

The chemical action of the liquid also makes the surface of the wood perfectly hard and smooth, so as to be ready for any fine finish without the use of any of the fillers that have generally to be used on all kinds of wood before a fine finish can be made. This liquid also prevents expansion and contraction in the wood, and consequently will make a lasting support to the inside of a metal case or enamel lining.

Having thus described my invention, I claim—

A compound for preserving and waterproofing wood and cloth, consisting of sulphur, graphite, litharge, charcoal, copperas, rosin, white lead, linseed-oil, and oil of creosote, substantially in or about the proportions set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 30th day of April, A. D. 1878.

WILLIAM W. BAXTER. [L. S.]

Witnesses:
NELSON LOVEITT,
JACOB FRINDLIEB.