

UNITED STATES PATENT OFFICE.

GEORGE MANAHAN AND HENRY GADE, OF NEW YORK, N. Y.

COMPOSITION FOR WATERPROOFING AND PREPARING SHEATHING AND BUILDING PAPER.

SPECIFICATION forming part of Letters Patent No. 401,042, dated April 9, 1889.

Application filed August 17, 1888. Serial No. 283,004. (Specimens.)

To all whom it may concern:

Be it known that we, GEORGE MANAHAN and HENRY GADE, both residing in the city of New York, in the county and State of New York, have invented a new and useful Improvement in Composition for Waterproofing and Preparing Sheathing and Building Paper; and we do hereby declare that the following is a full, clear, and exact description of the same.

The sheathing and building paper, when prepared with our new composition, is more particularly designed to be used as a lining under the clapboards of buildings, the floors thereof, and under metal, slate, or shingle roofs, to exclude wind, cold, dampness, and dust; and the object of our invention is to produce a superior prepared paper or fabric for these purposes which will also be a poor conductor of heat and so exclude cold.

To produce this sheathing or building paper we take suitable paper, preferably good hard manila paper, and apply to the surface or surfaces thereof a composition made up of the following ingredients, and in or about the proportions specified: glue, two pounds, (2 lbs.) dissolved in three gallons of oil made exclusively and unadulterated from crude petroleum and of about 33° density, Baumé, at

60° Fahrenheit—such, for instance, as that commonly known as “amber” mineral oil, and technically called in the district where it is produced (namely, Clarendon, Pennsylvania) “Tiona” and “Stoneham” district oil, the flash-test of which is about 340° Fahrenheit; thirty-five gallons of rosin-oil, and to these add about half a pint of oil of the *Eucalyptus*, which will have the effect of destroying the objectionable odor of the rosin-oil; also, add about four gallons of any ordinary drier. These ingredients are to be thoroughly mixed by agitation, and the composition so produced applied to the paper, either by brush or rollers, in a room heated to about 80° temperature, Fahrenheit, and allowed to dry.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The within-described composition of matter to be used on paper for sheathing and building purposes, consisting of glue, amber mineral oil, rosin-oil, eucalyptus-oil, and a drier, in or about the proportions specified.

GEORGE MANAHAN.
HENRY GADE.

Witnesses:

PHILIP KRIEGER,
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