

# UNITED STATES PATENT OFFICE.

FRANKLIN M. REED, OF LAWRENCEBURG, INDIANA, ASSIGNOR OF ONE-HALF TO W. C. SMITH, OF WASHINGTON COURT-HOUSE, OHIO.

## TREATMENT OF RESIN-OIL FOR MIXING PAINTS.

SPECIFICATION forming part of Letters Patent No. 252,516, dated January 17, 1882.

Application filed December 3, 1881. (No specimens.)

*To all whom it may concern:*

Be it known that I, FRANKLIN M. REED, of Lawrenceburg, in the county of Dearborn and State of Indiana, have invented certain new and useful Improvements in the Treatment of Resin-Oil for Mixing Paints; 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 an improvement in the treatment of resin-oil; and it consists in mixing with the oil certain ingredients which destroy its raw nature or quality, so as to fit it for use in mixing paints. To one and a half gallons of the oil I add two drams tungstate of soda, one ounce of carbolic acid, one-half pound of benzine, one pound of gum-shellac in solution, and one pound of liquid japan. These ingredients are to be thoroughly shaken until they are intermingled, when the oil is ready for use.

Resin-oil contains much greater adhesive qualities, will adhere much better, will preserve the wood more perfectly, will not evaporate so readily, and has a greater penetrative power than any other oil; but it could never be satisfactorily used in mixing a better class of paints on account of its raw nature. By thus treating it as above described the oil is prepared for use in mixing the finest paints.

Having thus described my invention, I claim—

The method described of treating resin-oil, consisting in adding thereto tungstate of soda, carbolic acid, benzine, gum-shellac, and japan, in or about the proportions specified.

In testimony whereof I affix my signature in presence of two witnesses.

FRANKLIN M. REED.

Witnesses:

F. A. BARR,  
WERT B. GRUBBS.