

# United States Patent Office.

JAMES ROSS, OF SOMERVILLE, MASSACHUSETTS, ASSIGNOR TO HIMSELF  
AND L. FAIRBANKS, ASSIGNORS TO WILLIAM ADAMS.

*Letters Patent No. 69,590, dated October 8, 1867.*

IMPROVEMENT IN PREPARING PAPER, PASTEBOARD, AND OTHER MATERIALS, TO BE USED AS  
PACKING FOR STEAM ENGINES.

*The Schedule referred to in these Letters Patent and making part of the same.*

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JAMES ROSS, of Somerville, in the county of Middlesex, and State of Massachusetts, have invented a new and "Improved Preparation or Treatment of Paper, Card-Board, and other Similar Materials;" and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to fully understand and make use of the same.

The present invention relates to a new preparation of paper, card or pasteboard, and other similar materials, to be used as a packing for steam and other joints, roofing, sheathing, &c., and consists in saturating the paper or other similar material, according as the case may be, with a composition made of two parts crude petroleum, two parts benzine, and six parts boiled linseed oil. These parts may be varied according to the texture or kind of paper used, as, for instance, with straw-board or paper it is not necessary that benzine should be used, although it is not injurious, and is harmless so far as affecting the desired object, which is to so prepare or saturate paper and other similar materials with a composition composed of all the above ingredients, or of one or more of the same, that, when used as packing for steam and other joints, it will be strong, firm, and serviceable.

I do not intend to limit myself to the precise quantities of each ingredient as proportionally stated, for they will admit of various modifications; but I find, from practice and use, that the composition herein described produces the most satisfactory as well as gratifying results, packing composed of paper so prepared withstanding the severest tests of wear from friction, heat, and other of the well-known causes which seriously affect and deteriorate the ordinary kinds of packing now in common use.

I claim as new, and desire to secure by Letters Patent—

The composition herein described, whether composed of one or more or all of the ingredients named, as and for the purpose specified.

The above specification of my invention signed by me this 26th day of August, 1865.

JAMES ROSS.

Witnesses:

M. M. LIVINGSTON,  
C. L. TOPLIFF.