

N° 24,593



A.D. 1910

Date of Application, 22nd Oct., 1910

Complete Specification Left, 24th Apr., 1911—Accepted, 14th Sept., 1911

PROVISIONAL SPECIFICATION.

An Improved Composition for Cleaning and Water-proofing Textile and other Fabrics or Materials.

We, FRANCIS STEVENSON, of Lawside Dye Works, Dyer and Bleacher, and GEORGE SUTHERLAND HAMILTON, of 13, Erskine Street, Manufacturing Chemist, both in Dundee, in the County of Forfar, do hereby declare the nature of this invention to be as follows:—

5 This invention relates to the manufacture and application of a composition or compound for cleaning and water-proofing textile fabrics, felt, buck-skin and the like, the composition being particularly applicable for treating the web equipments used by the army and territorial forces.

10 The improved composition is composed of natural or artificial coloured pigment or pigments or colouring matter, powdered soap soluble in water, and a metallic salt or metallic salts, also soluble in water, and the metals of which are capable of reacting with the said soluble soap to form an insoluble soap when the finished composition or cleaner is treated with water.

15 These ingredients may be mixed in widely varying proportions depending on the colour and nature of the article to be cleaned and waterproofed. For example we find that for certain textile fabrics the following ingredients and proportions are suitable.

	Pigment	-	-	-	-	-	-	100	parts	by	weight.
	Soap	-	-	-	-	-	-	4	"	"	"
20	Potash alum	-	-	-	-	-	-	12	"	"	"

To apply the composition it is mixed with water to the consistency of cream and is then sponged or brushed on to the fabric or material to be treated whereby the dirt is removed from the said fabric or material and the aqueous mixture penetrates the surface to a certain extent and on drying deposits a coating of insoluble soap and pigment. The coating of insoluble soap is more or less impervious to water and has the effect of waterproofing the said fabric or material to a corresponding extent. The desired colour of the treated and dried fabric or material is obtained by regulating the colour and amount of the pigment or pigments used, or by selecting a suitable metallic salt or salts or by a combination of both methods.

Dated the 22nd day of October, 1910.

G. F. REDFERN & Co.,
15, South Street, Finsbury, E.C., and
10, Gray's Inn Place, W.C.,
Agents for the Applicants.

[Price 8d.]



Composition for Cleaning and Water-proofing Textile and other Fabrics or Materials.

COMPLETE SPECIFICATION.

An Improved Composition for Cleaning and Water-proofing Textile and other Fabrics or Materials.

We, FRANCIS STEVENSON, of Lawside Dye Works, Dyer and Bleacher, and GEORGE SUTHERLAND HAMILTON, of 13, Erskine Street, Manufacturing Chemist, both in Dundee, in the County of Forfar, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to the manufacture and application of a composition or compound for simultaneously cleaning and water-proofing textile fabrics, felt, buck-skin and the like, in one operation, the composition being particularly applicable for treating the web equipments used by the army and territorial forces.

The improved composition is composed of natural or artificial coloured pigment or pigments or coloured matter, powdered soap, soluble in water, and a metallic salt or metallic salts, also soluble in water, and the metals of which are capable of reacting with the said soluble soap to form an insoluble soap when the finished composition or cleaner is treated with water.

These ingredients may be mixed in widely varying proportions depending on the colour and nature of the article to be cleaned and waterproofed. For example we find that for certain textile fabrics the following ingredients and proportions are suitable.

Pigment	-	-	-	-	-	-	100	parts	by	weight.	20
Soap	-	-	-	-	-	-	4	"	"	"	
Potash alum	-	-	-	-	-	-	12	"	"	"	

To apply the composition it is mixed with water to the consistency of cream and is then sponged or brushed on to the fabric or material to be treated whereby the dirt is removed from the said fabric or material and the aqueous mixture penetrates the surface to a certain extent and on drying deposits a coating of insoluble soap and pigment or coloured matter. The coating of insoluble soap is more or less impervious to water and has the effect of waterproofing the said fabric or material to a corresponding extent. The desired colour of the treated and dried fabric or material is obtained by regulating the colour and amount of the pigment or pigments or coloured matter used, or by selecting a suitable metallic salt or salts or by a combination of both methods.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. Cleaning and waterproofing textile and other fabrics and materials in one operation by applying thereto a composition of pigment, powdered soap and metallic salt or salts mixed with water, substantially as described.

2. The improved composition for simultaneously cleaning and waterproofing textile and other fabrics or materials in one operation, consisting of the ingredients mixed substantially in the proportions specified and adapted to be applied in the manner herein set forth.

Dated the 24th day of April, 1911.

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EXTENSION OF PATENT.

PATENT No. 24593, A.D. 1910.

A New Patent has been granted for a term of three years from the expiration of the original Patent (21st October, 1926), by Order of the High Court.

THE PATENT OFFICE.

12th January, 1927.