To all whom it may concern:

Be it known that we, ADOLF KERTESZ, a subject of the King of Hungary, residing at Bismarckstrasse 5, Mainkur, near Frankfort-on-the-Main, Germany, and EMANUEL KUR, a subject of the United Kingdom of Great Britain and Ireland, residing at 10 Dolefield Bridge street, Manchester, England, have invented certain new and useful Improvements in Processes of Finishing Materials Dyed with Vat Colors, of which the following is a full description.

It frequently happens that materials dyed with vat colors bleed when being washed in a strongly alkaline bath in spite of the fact that the dyeings themselves are faultless in respect of fastness to washing. Tests which have been carried out have now shown that the bleeding is in the majority of cases to be attributed solely to the finish used, dextrin, glucose and similar substances having been employed which exercise a reducing effect on the colors in a hot alkaline washing bath. According to this invention a salt which prevents such reduction of the vat colors to soluble bodies is added to the reducing finish. Materials finished in this manner possess incomparably better fastness to washing than those finished as heretofore and may be washed hot without bleeding. The salts which have been found suitable for such purpose are the sulfates, chlorids and nitrates of the heavy metals, monochromates, bichromates, chlorates and bromates, as well as certain nitro products of organic substances. For example, 1 gram sulfate of copper, and 3 grams bichromate of potassium may be added to each liter of an ordinary dextrin finish which may then be applied either to fabrics or to yarns.

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:

The herein described process of finishing fabrics dyed with a vat color by preparing a finishing paste with dextrin, adding an oxidizing salt, and applying the mixture to the dyed fabric.

In witness whereof we have hereunto signed our names this 10th day of February, 1915, in the presence of the subscribing witnesses.

ADOLF KERTESZ.
EMANUEL KUR.

Witnesses as to Adolf Kertesz:
JEAN GRUND,
CARL GRUND.

Witnesses as to Emanuel Kur:
ERNEST SIMPSON MOSELEY,
MALCOLM SMITHURST.