

UNITED STATES PATENT OFFICE.

FREDERICK GEORGE ANNISON, OF LONDON, ENGLAND.

METHOD OF PRINTING SHOW-BILLS OR SIMILAR ARTICLES.

SPECIFICATION forming part of Letters Patent No. 508,497, dated November 14, 1893.

Application filed April 5, 1892. Serial No. 427,947. (No specimens.)

To all whom it may concern:

Be it known that I, FREDERICK GEORGE ANNISON, lithographic printer, a subject of the Queen of Great Britain, residing at 218 Burdett Road, Bow, London, England, have invented certain new and useful Improvements in Methods of Printing Show-Bills, Posters, Tablets, Wall Decorations, and Similar Articles, of which the following is a specification.

The object of this invention is to manufacture a show bill, poster, &c., which may be waterproof and durable, and at the same time reasonably cheap in which the printed article is not easily destroyed by rain, fog, and other atmospheric influences.

According to this invention, linen, cotton or other suitable material of a fine texture is rendered waterproof by being impregnated with an opaque or white solution of xylonite, known also as celluloid and ivoryine, or if the material is required to be used for transparencies, a transparent solution of xylonite is used in a similar manner. The article so impregnated is then passed through a heated chamber to dry it and also to evaporate the alcohol and camphor. It is then pressed between rollers in order to make the surface sufficiently smooth, and to enable it to take the printers' ink, and then the required design is printed on the material so prepared as in the ordinary method of printing on paper; and finally the printing on the article is covered with a coat of transparent varnish.

In pressing the textile material between

the rollers, the nap of the material, which otherwise would stick up in little xylonite coated spires, is pressed flat and the xylonite coating is cracked or broken entirely from the said spires, in the same way minute cracks are made over each fiber in which the printers' ink can penetrate, and it can thus be made to adhere whereas when the xylonite is applied to the surface in the form of a film it presents a polished surface on which printers' ink will not stick.

I claim as new—

1. The improvement in the method of printing show bills, posters, and other similar articles likely to be exposed to atmospheric influences which consists in impregnating textile material such as linen, cotton, and the like with xylonite, drying the same, then passing it between rolls, then passing the same through a printing press, and finally coating the printed article with transparent varnish, substantially as and for the purposes described.

2. As an improved article of manufacture, a show bill or poster, having, first, a foundation of textile material impregnated with xylonite, second, letters or characters on the surface thereof, and third, a coating of transparent varnish over said letters, or characters, substantially as and for the purposes described.

FREDERICK GEORGE ANNISON.

Witnesses:

A. MERES,
J. M. LONDON.