

UNITED STATES PATENT OFFICE.

THOMAS CROSSLY, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE
AMERICAN WATER PROOF CLOTH COMPANY, OF BROOKLYN, N. Y.

IMPROVED FLOCKED CLOTH, DYED OR PRINTED.

Specification forming part of Letters Patent No. 46,199, dated January 31, 1865.

To all whom it may concern:

Be it known that I, THOMAS CROSSLY, of Bridgeport, in the State of Connecticut, have invented a new and useful manufacture, being a dyed or printed article, of which the base is of cotton, wool, silk, hemp, jute, or other material, and coated with india-rubber or gutta-percha, vulcanized or unvulcanized, or in combination with lead, litharge, sulphur, or other compounds which may be used with said gums, linseed-oils, or other oils, varnishes, &c., and covered with flocks or dust of wool, silk, cotton, fur, or other fibrous material, as set forth in a patent, for which I have filed an application of even date with this, for the process by which such new manufacture is produced, of which the following is a specification.

It is well known that hitherto all water-proof cloths with woolen, silk, or fur surfaces have been chiefly made from colored flocks on account of the impossibility of obtaining brilliant or uniform colors by dyeing or printing the goods after being flocked; also, that all efforts heretofore made by all other parties to print such goods have been unsuccessful upon either white or colored goods such as I have

herein described, and chiefly for the reasons I have given.

The process by which my new manufacture may be made is described in the specification of Letters Patent above referred to, and to which reference is hereby had for such description. It is evident that chemical equivalents may be used for the materials therein described—as, for instance, nitrate of copper or nitrate of zinc, or either of their combinations, in the place of the sulphates or muriates therein named—other chemical combinations and many changes may be made in the process by any practical chemist without changing the character of the invention and with the production of practically the same result.

What I claim is—

An article or fabric of prepared, dyed, and printed, or either prepared or dyed or printed with a face of flocks of wool, silk, fur, or other material possessing the character and qualities herein set forth, as a new manufacture.

THOS. CROSSLY.

Witnesses:

WM. B. TOBEY,
L. BOSWORTH.