

No. 671,184.

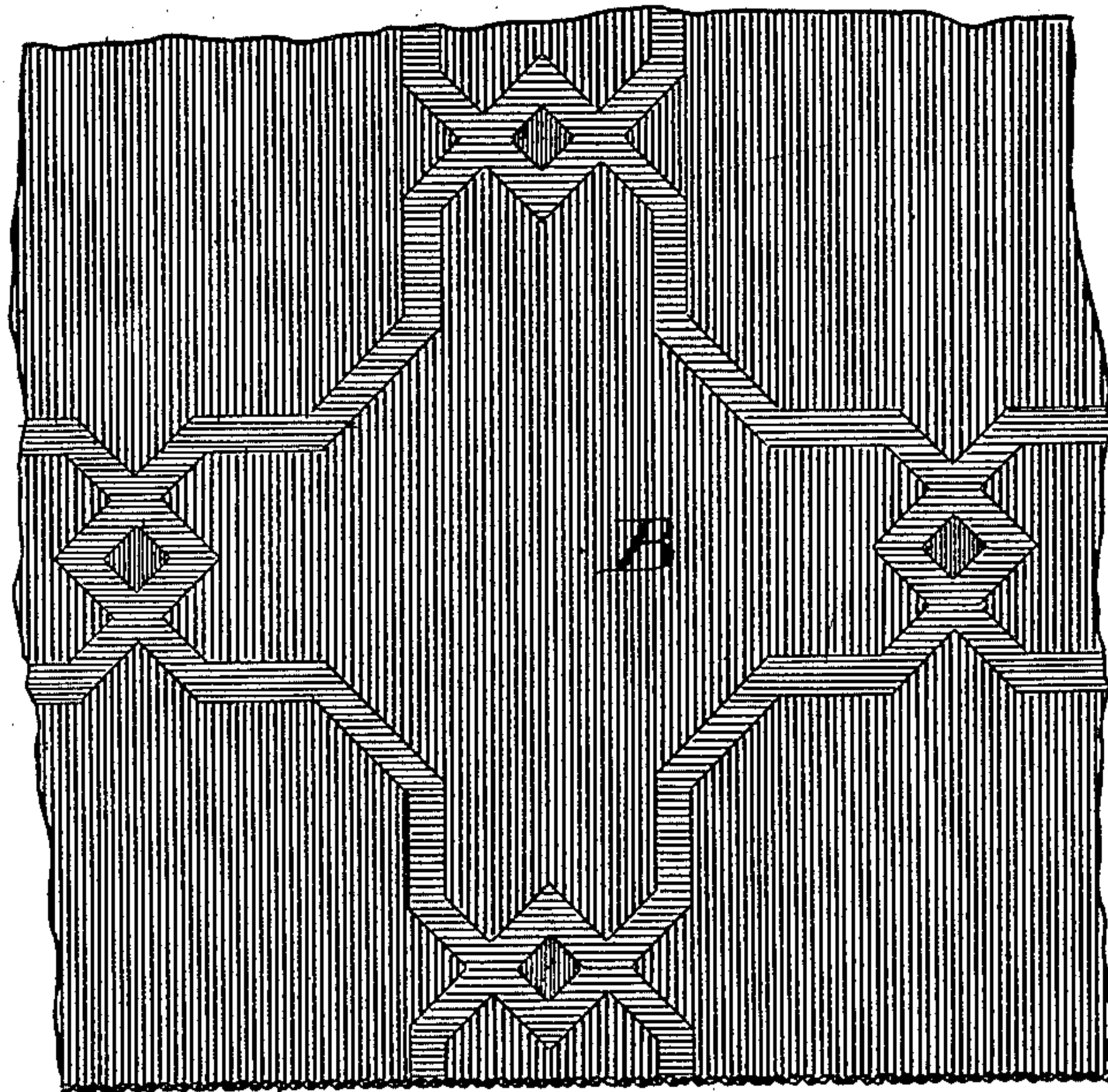
Patented Apr. 2, 1901.

P. A. DAILEY.

FLOOR COVERING AND METHOD OF MANUFACTURING SAME.

(Application filed Mar. 9, 1900.)

(No Model.)



Witnesses

Chas. H. Smith
J. Staib

Inventor

Parley A. Dailey

per L. W. Serrell & Son

attys

UNITED STATES PATENT OFFICE.

PARLEY A. DAILEY, OF BROOKLYN, NEW YORK.

FLOOR-COVERING AND METHOD OF MANUFACTURING SAME.

SPECIFICATION forming part of Letters Patent No. 671,184, dated April 2, 1901.

Application filed March 9, 1900. Serial No. 8,010. (No specimens.)

To all whom it may concern:

Be it known that I, PARLEY A. DAILEY, a citizen of the United States, residing in the borough of Brooklyn, in the county of Kings, city and State of New York, have invented an Improvement in Floor-Coverings and Methods of Manufacturing the Same, of which the following is a specification.

My invention relates to the general class of floor-coverings embracing oil-cloth, linoleums, and the like. These floor-coverings are manufactured on a fabric ground in which there is just sufficient of a fabric body to hold the incorporated parts forming the body together, the paint or other material incorporated and forming the body being only partially flexible and very liable to crack, making it necessary to handle the goods carefully and to keep the material rolled up in stock and for transportation.

My invention relates to a new article of manufacture and to the method of making the same; and it consists of a body of cotton duck or similar equivalent fabric material somewhat heavy in weight and of enduring quality. On one surface of this a pattern is printed in colors and allowed to dry, the colors soaking into the fabric adjacent to the surface on which the same is impressed. The material is then run through a vat of linseed-oil and is soaked through and through, the colors being permeated with the oil as well as the fabric. The surplus oil is then squeezed away from the fabric, and the oil-soaked body is thereafter dried and cured or otherwise treated to complete the manufacture and prepare the article for the market. A floor-covering is thus formed which is exceedingly tough and durable and which at the same time is flexible, so that it can be close-rolled or even folded without injury. It is superior to oil-cloth or linoleum because not liable to crack and also because almost the entire covering is a close-woven fabric and not a body of paint or other foreign material. It is preferable to prepare this material in strips of yard width, to be afterward cut and laid with the edges secured to place. Where it is desired to make the covering of greater width than a yard, it is essential that the several widths of fabric be carefully and thor-

oughly stitched together at the edges before the surface is printed with the design and before the fabric is immersed in the oil and treated, because after said printing and immersion and curing it is almost impossible to put a sewing-needle through the strips of covering at the edges. In this way floor-coverings can be made of any required size and design or of predetermined sizes and designs.

In the drawing I have illustrated by a plan view a section of covering according to my invention.

The fabric body A is preferably of somewhat heavy closely-woven enduring material—such as cotton duck, jute fabric, or other similar material. The pattern or design B is to be printed upon the surface either by hand or by machinery, and the same is allowed to dry. Print colors are preferably used, as they more readily take up the oil and permit the same to pass through into the fabric body. The whole is thereafter soaked in a vat of linseed or other suitable oil. The surplus oil is removed, preferably by rollers, and the floor-covering is allowed to dry or the oil to be cured in any manner well known in the art, so as to complete the manufacture and prepare the article for the market.

I claim as my invention—

1. As a new article of manufacture, a floor-covering composed of a fabric body of heavy substantial material, such as cotton duck, having a surface with colors in design and the fabric body thoroughly permeated with suitable drying-oil, substantially as specified.

2. The method of making floor-coverings, consisting in taking suitable lengths of heavy closely-woven material such as cotton duck, printing upon the surface thereof in colors suitable designs which cover the whole or part of the surface, allowing the same to dry, passing the said material through linseed-oil to thoroughly permeate the design and the fabric body, removing the surplus oil therefrom and drying, substantially as set forth.

3. The method herein specified of making a floor-covering, consisting in taking several lengths of fabric, joining the same by stitches at the edges to form a covering or carpet, printing designs in colors upon the surface thereof and over the connected edges, allow-

ing the same to dry, saturating the said material and the design printed thereon with a drying-oil and thereafter removing the surplus oil, substantially as set forth.

- 5 4. As a new article of manufacture, a floor-covering composed of a fabric body of heavy substantial material, such as cotton duck, having a colored surface applied thereto and

the fabric body saturated with suitable drying-oil, substantially as specified. 10

Signed by me this 7th day of March, 1900.

P. A. DAILEY.

Witnesses:

GEO. T. PINCKNEY,
S. T. HAVILAND.