

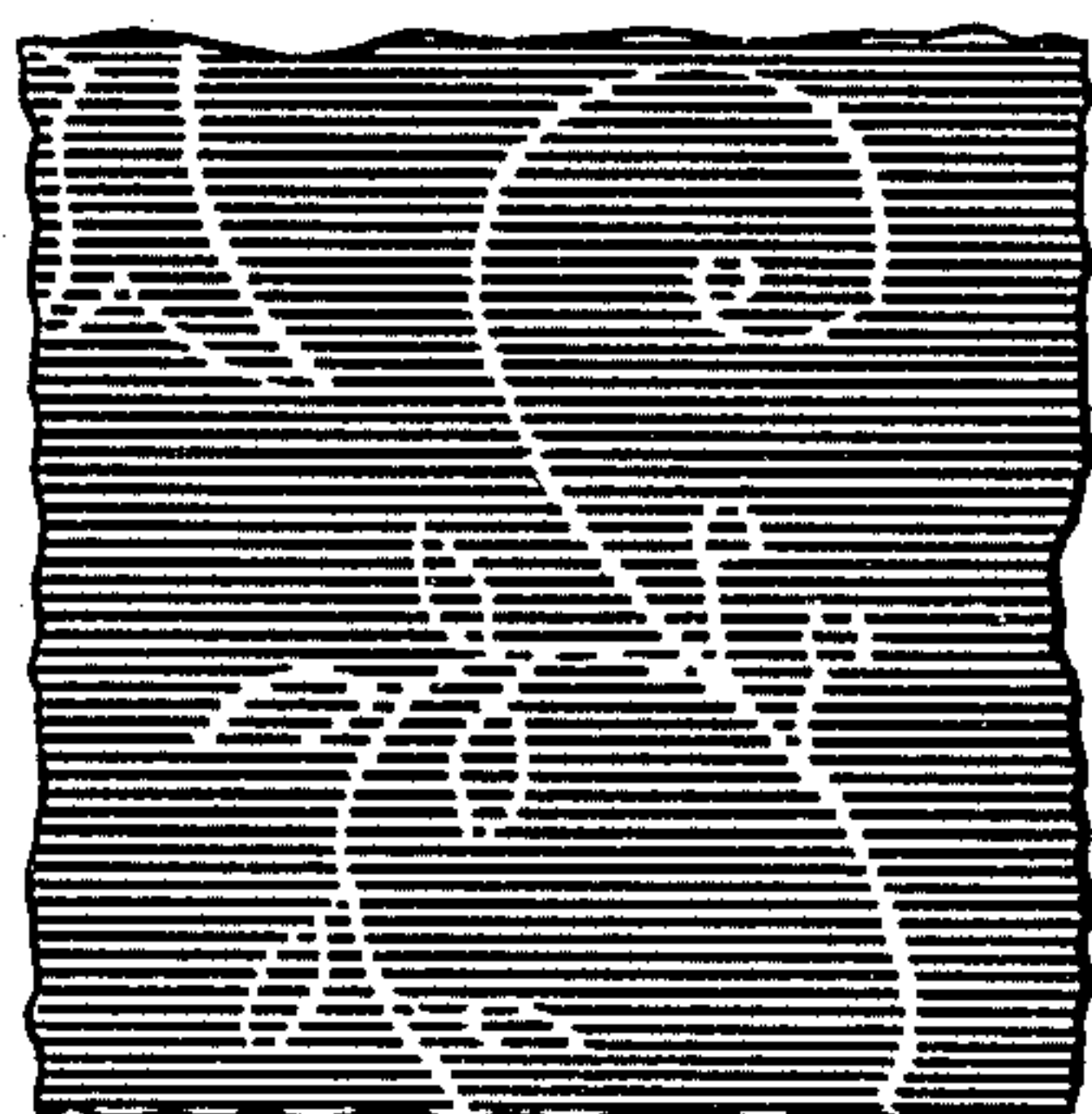
(No Model.)

R. K. SLAUGHTER.

PROCESS OF MANUFACTURING ILLUMINATED FABRICS.

No. 314,349.

Patented Mar. 24, 1885.



WITNESSES:

Dorn Twitchell.
C. Sedgwick

INVENTOR:

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UNITED STATES PATENT OFFICE.

ROBERT K. SLAUGHTER, OF BROOKLYN, NEW YORK.

PROCESS OF MANUFACTURING ILLUMINATED FABRICS.

SPECIFICATION forming part of Letters Patent No. 314,349, dated March 24, 1885.

Application filed June 20, 1884. (No model.)

To all whom it may concern:

Be it known that I, ROBERT K. SLAUGHTER, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Process of Manufacturing Illuminated Fabrics, of which the following is a full, clear, and exact description.

My invention consists in an improved process of manufacturing illuminated fabric for window-curtains and other uses, the same consisting in first coating a foundation material with paint to render it opaque, then removing the color by acids to expose the foundation and produce a pattern or design, and finally oiling the fabric, as described.

In the accompanying drawing the improved fabric is illustrated.

In carrying out my invention the opaque fabric is manufactured in the same manner as ordinary curtain fabrics—that is to say, a muslin or other foundation is coated with paint or color of the desired shade; but I use a paint containing no oil. After the coating has dried an acid is applied by means of plates or rollers having the pattern raised, and the acid re-

moving the paint on the lines of the pattern, the foundation fabric is exposed upon both sides of the fabric. The fabric is then oiled to give it the required flexibility and prevent further action by the acid.

By this process the most elaborate design can be produced as well as the most simple, and the lines forming the design can be made as fine as desired. The fabric is very neat and artistic, and is suitable for a variety of purposes, as well as for shades.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

The hereinbefore-described process of manufacturing illuminated fabrics, which consists in first coating a foundation material with paint to render it opaque, then removing the color by acids, so as to expose the foundation and produce a pattern or design, and finally oiling the fabric, as specified.

ROBERT K. SLAUGHTER.

Witnesses:

J. C. SLEIGHT,
GEO. D. WALKER.