

J. F. MARSH.
GLAZED PLAID PAPER.

No. 176,232.

Patented April 18, 1876.

Fig. 1.

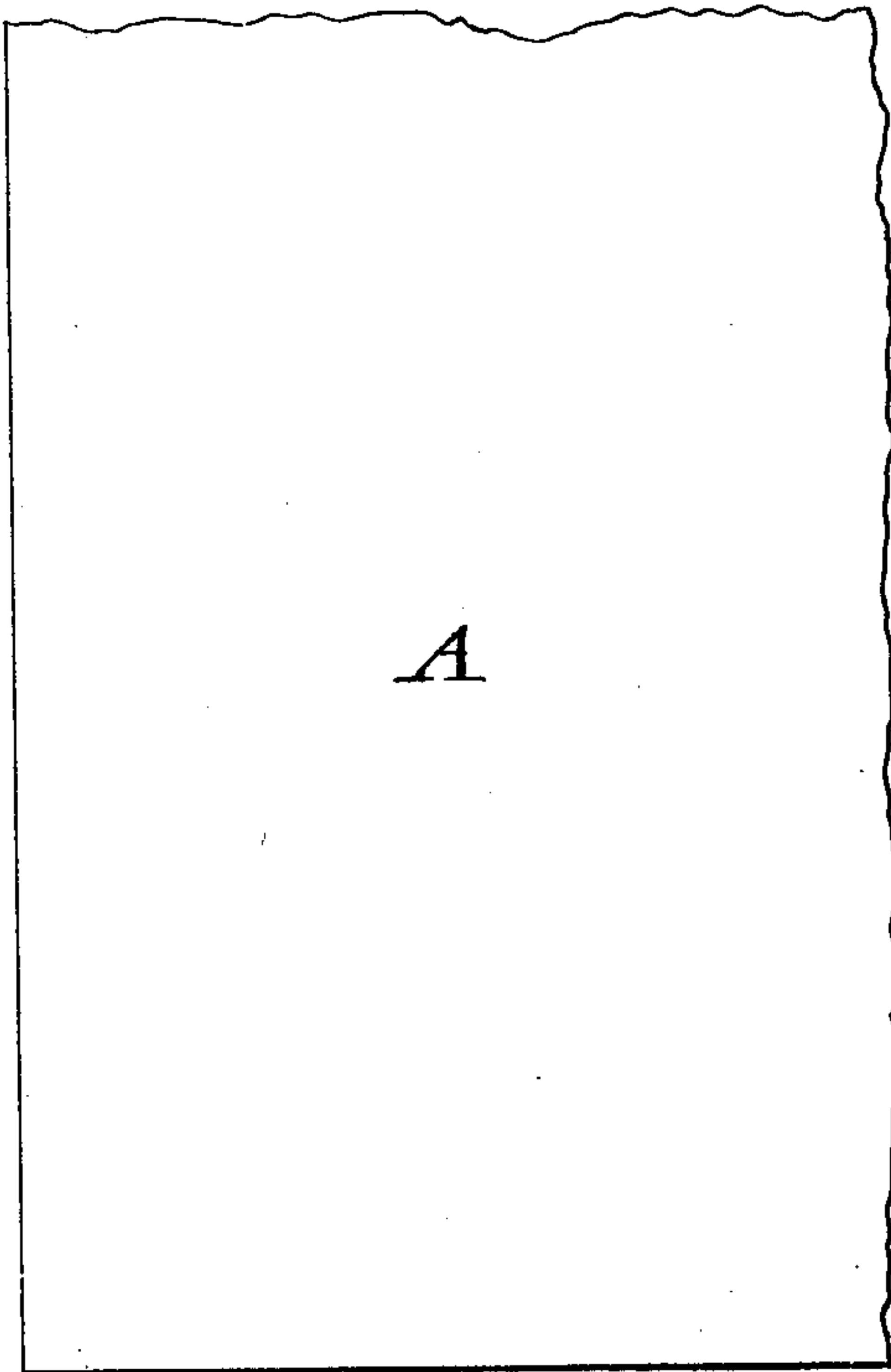
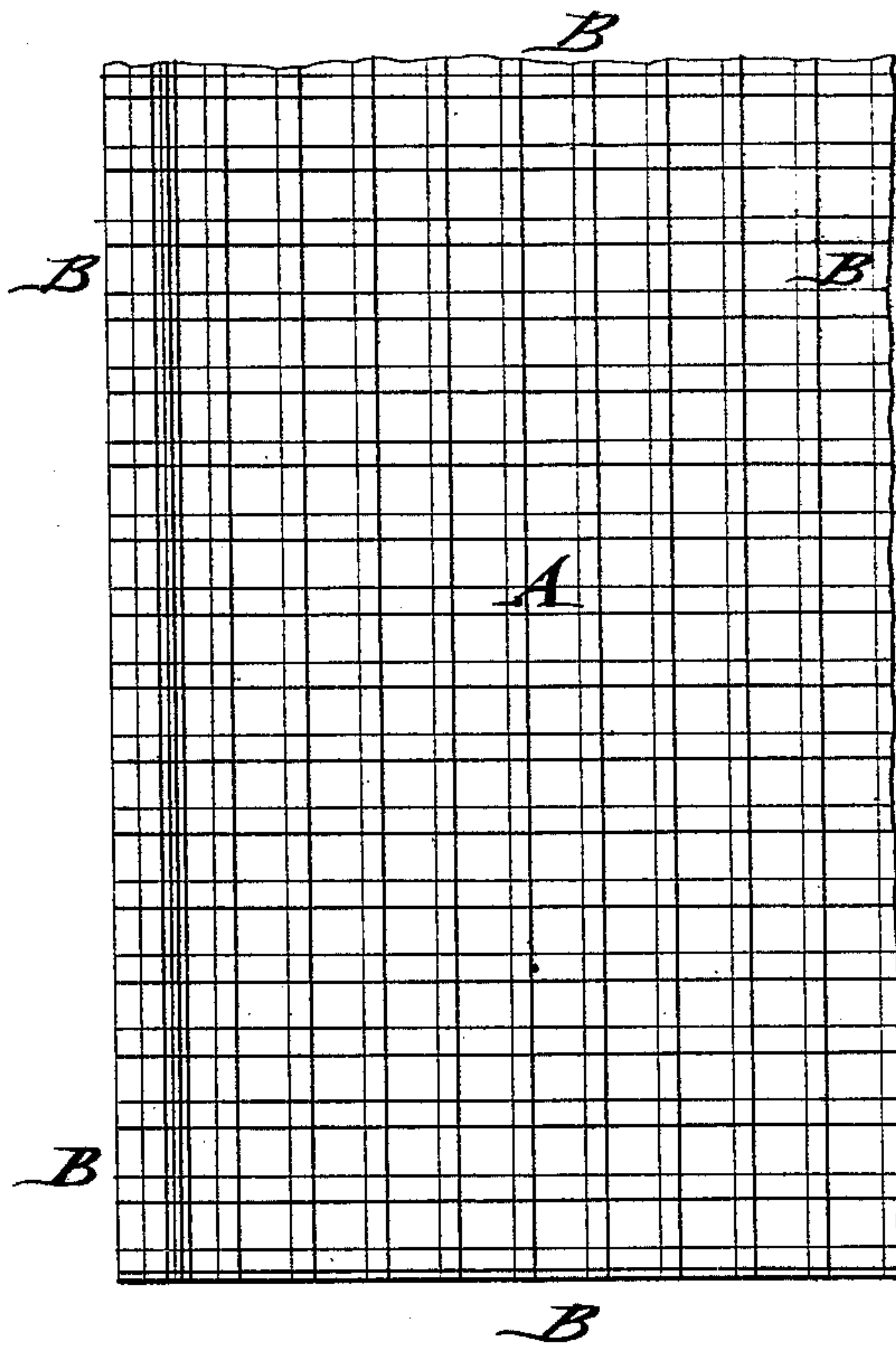


Fig. 2.



WITNESSES:

Alfred Surratt.
John Goethals

INVENTOR:

J. F. Marsh
BY *Mumford*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN F. MARSH, OF SPRINGFIELD, MASS., ASSIGNOR TO SPRINGFIELD
GLAZED PAPER COMPANY, OF SAME PLACE.

IMPROVEMENT IN GLAZED PLAID PAPER.

Specification forming part of Letters Patent No. **176,232**, dated April 18, 1876; application filed
February 21, 1876.

To all whom it may concern:

Be it known that I, JOHN F. MARSH, of Springfield, in the county of Hampden and State of Massachusetts, have invented a new and useful Improvement in Manufacturing Glazed Plaid Paper, of which the following is a specification:

In the accompanying drawing, Figures 1 and 2 represent top views of the coated and of the ruled and glazed plaid paper to represent my improved mode of manufacturing glazed plaid paper.

Similar letters of reference indicate corresponding parts.

The invention has reference to the manufacture of that class of glazed plaid paper known as "plaid paper," so that the same may be made in a more perfect and finished manner; and the invention consists in the method of coating, ruling, and glazing the paper by consecutive operations.

The paper A is first coated with a preparation such as is used ordinarily in making glazed plaid paper. This preparation or coating is made in various ways, and of any suitable color or tint. The paper is then ruled, either by hand or by means of ruling-machines used by blank-book manufacturers, by being passed either in sheets or in continuous rolls on a movable bed under the ruling-pens, of which as many rows are used as there are numbers

of colors; or the paper may be stationary and the pens movable, as desired. The lines B may be drawn diagonally, straight, or irregularly across the paper, and crossed by transverse lines ruled in the same way, so as to produce an almost infinite variety of square, diamond, and other designs on the paper. The various lines may also be produced by means of an ordinary printing-press. After the paper has been ruled it is glazed in the usual way by the use of a "stone" or "flint" passing over it, or by means of a friction-calender, so as to produce the smooth and polished surface.

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

The method herein described of manufacturing glazed plaid paper, consisting of the following steps consecutively performed, viz., coating the paper with an ordinary glazing preparation, ruling the glazed surface in suitable colors and designs, and finishing or glazing the coated and ruled surface by polishing or pressing the same, as and for the purpose set forth.

JOHN F. MARSH.

Witnesses:

JNO. A. COULEY,
C. B. SISSON.