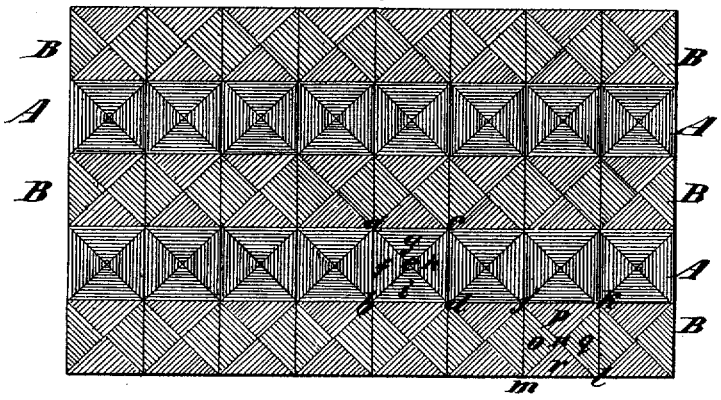
DESIGN.

M. H. PIRIE.
Writing-Paper.

No. 10,641. Patented April 16, 1878.



Witnesses
John Becker
Fred. Haynes

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UNITED STATES PATENT OFFICE.

MARTIN H. PIRIE, OF STONEYWOOD, NEAR ABERDEEN, SCOTLAND, ASSIGNOR TO ALEXANDER PIRIE & SONS, OF SAME PLACE.

DESIGN FOR WRITING-PAPER.

Specification forming part of Design No. **10,641**, dated April 16, 1878; application filed March 23, 1878.
[Term of patent 14 years.]

To all whom it may concern:

Be it known that I, MARTIN HENRY PIRIE, of Stoneywood, near Aberbeen, Scotland, have originated and designed a Pattern or Design for Writing-Paper; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, making part of this specification.

The nature of this design consists in a surface covered with squares arranged in two classes of rows, each square in each row being divided by diagonal lines into triangles, each so-formed triangle in one class of rows of squares being filled with lines parallel to that side of the square which forms a side of the triangle, each triangle in the other class of rows of squares being filled with lines oblique to the side of the square which forms a side of the triangle, and parallel to the lines in the opposite triangle in the same square, and the rows of squares in the one class alternating with the rows of squares in the other class of rows.

A A in the drawing indicate the rows of squares in one class, and B B indicate the rows of squares in the other class, as formed on a sheet of writing-paper according to my design. Each of the squares *a b c d* in each of the rows of squares A A is divided into triangles *a b e*, *a c e*, *c d e*, and *b d e* by the intersecting diagonals *a d* and *b c*. The triangle *a b e* is filled with parallel lines *f*, parallel to side *a b* of the square *a b c d*. The triangle *a c e* is filled with lines *g*, parallel to the side *a c* of the square *a b c d*. The triangle *c d e* is filled with lines *h*, parallel to the side *c d* of the square *a b c d*. The triangle *b d e* is filled with lines *i*, parallel to the side *b d* of the square *a b c d*.

All the squares in the rows A are thus formed and filled with diagonals and lines drawn parallel to the sides of the squares.

Each of the squares *j k l m* in each of the rows B B, which alternate with the rows A A, is divided into triangles *j m n*, *j k n*, *k l n*, and *l m n*. The triangle *j m n* is filled with lines *o*, drawn at an angle of forty-five degrees with the side *j m* of the square *j k l m*. The triangle *j k n* is filled with lines *p*, drawn at an angle of forty-five degrees to the side *j k* of the square *j k l m*. The triangle *k l n* is filled with lines *q*, drawn at an angle of forty-five degrees with the side *k l* of the square *j k l m*. The triangle *l m n* is filled with lines *r*, drawn at an angle of forty-five degrees to the side *l m* of the square *j k l m*. The lines in the opposite triangles *j m n* and *k l n* are, moreover, parallel to each other. Also, the lines in the opposite triangles *j k n* and *l m n* are parallel to each other; and all of the squares in the rows of squares B B which alternate with the rows of squares A A are constructed and filled with lines like the square *j k l m*.

I claim—

The design for writing-paper herein described, consisting in a surface covered with squares arranged in two classes of rows, each square in each row being divided by diagonal lines into triangles, each so-formed triangle in one class of rows of squares being filled with lines parallel to that side of the square which forms a side of said triangle, each triangle in the other class of rows of squares being filled with lines oblique to that side of the square which forms a side of said triangle, and parallel to the lines in the opposite triangle in the same square, and the rows of squares in one of said classes alternating with the rows of squares in the other class, substantially as described.

MARTIN H. PIRIE.

Witnesses:
H. G. INNES,
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