

(No Model.)

J. HINES.

TILE FOR WALLS, WOOD WORK, &c.

No. 321,724.

Patented July 7, 1885.

FIG. 1.

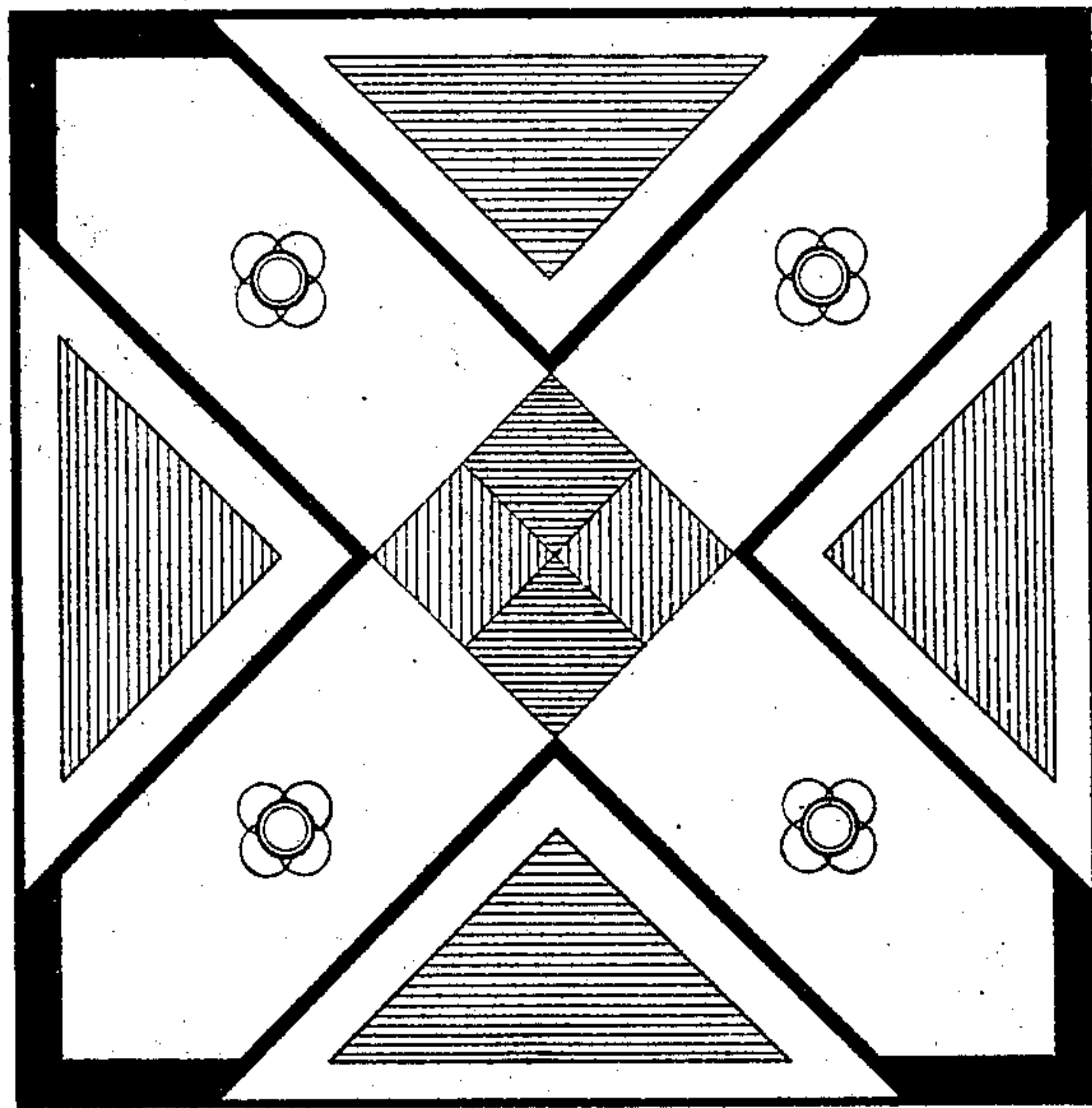
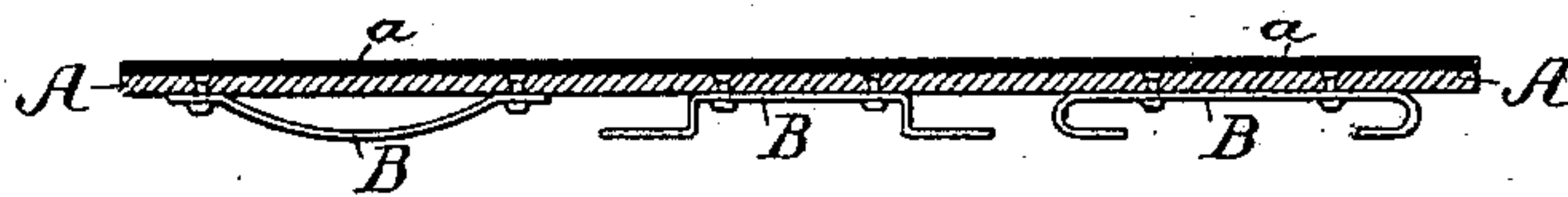


FIG. 2.



Witnesses:

Henry Bossert.

Harry Drury

Inventor:

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by his Attorneys.

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# UNITED STATES PATENT OFFICE.

JOHN HINES, OF PHILADELPHIA, PENNSYLVANIA.

## TILE FOR WALLS, WOOD-WORK, &c.

SPECIFICATION forming part of Letters Patent No. 321,724, dated July 7, 1885.

Application filed May 18, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN HINES, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented a certain Improved Tile for Walls, Wood-Work, &c., of which the following is a specification.

The object of my invention is to make tiles which shall form cheap but strong substitutes for the well-known decorative tiles made of clay, and usually termed "Minton" tiles. The objection to these well-known tiles of clay, which are coated on the surface with various colored glazes, is that they are high-priced and are liable to be broken.

To produce a cheap but strong substitute, I make the tiles of iron or other suitable metal, coated with enamel, on which any desired design may be made, thus producing a surface which will have precisely the same appearance as the glazed clay tiles.

In the accompanying drawings, Figure 1 is a front view of a tile embodying my invention, and Fig. 2 is a section showing different forms of securing devices.

In carrying out my invention I take a plate, A, of iron or other suitable metal of desired size and shape, which may be flat, bent, or curved, according to the use to which it is to be put, and I enamel the surface of this plate with a suitable body color or glaze, *a*, and I produce on the surface of this, in any suitable way, a design or decorative effect of any desired style and in any suitable colors, and this is finally introduced into a firing-furnace and burned in the well-known way, producing a tile with a metal back and decorated enameled surface.

In producing the decoration or design on the enameled surface I prefer to employ the pro-

cess for which I have applied for Letters Patent at the same date herewith, Serial No. 165,839; but other methods of painting, printing, or transferring designs onto the surface of the enamel may be used without departing from my invention.

If desired, the metal plates may, before they are enameled, be stamped with raised figures and then coated with the enamel, so that the raised figures will stand in relief; or the surface of the plate may be coated with enamels of different colors, so as to form designs.

In the practical application of my improved tiles I prefer to provide them with means by which they may readily be secured to walls, wood-work, furniture, bricks, or any other surface, to which they are to be fastened by cement or otherwise, and in the drawings I have shown the plates A as provided with metal strips or bands B, bent in various ways and riveted to the metal plates before the surfaces are enameled, so that the bent strips or bands will form media for firmly securing the tiles in place by cement or otherwise.

I claim as my invention—

1. The herein-described decorative tile, consisting of a metal back having an enameled decorated surface, substantially as described.

2. The herein-described decorative tile, consisting of a metal backing with an enameled decorated surface and securing-strips on the rear of the plate, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN HINES.

Witnesses:

JOHN E. PARKER,  
HARRY SMITH.