

(No Model.)

H. ISZARD, F. A. STANGER & T. C. DUFFIELD.

GLASS TILE.

No. 398,730.

Patented Feb. 26, 1889.

Fig. 1.

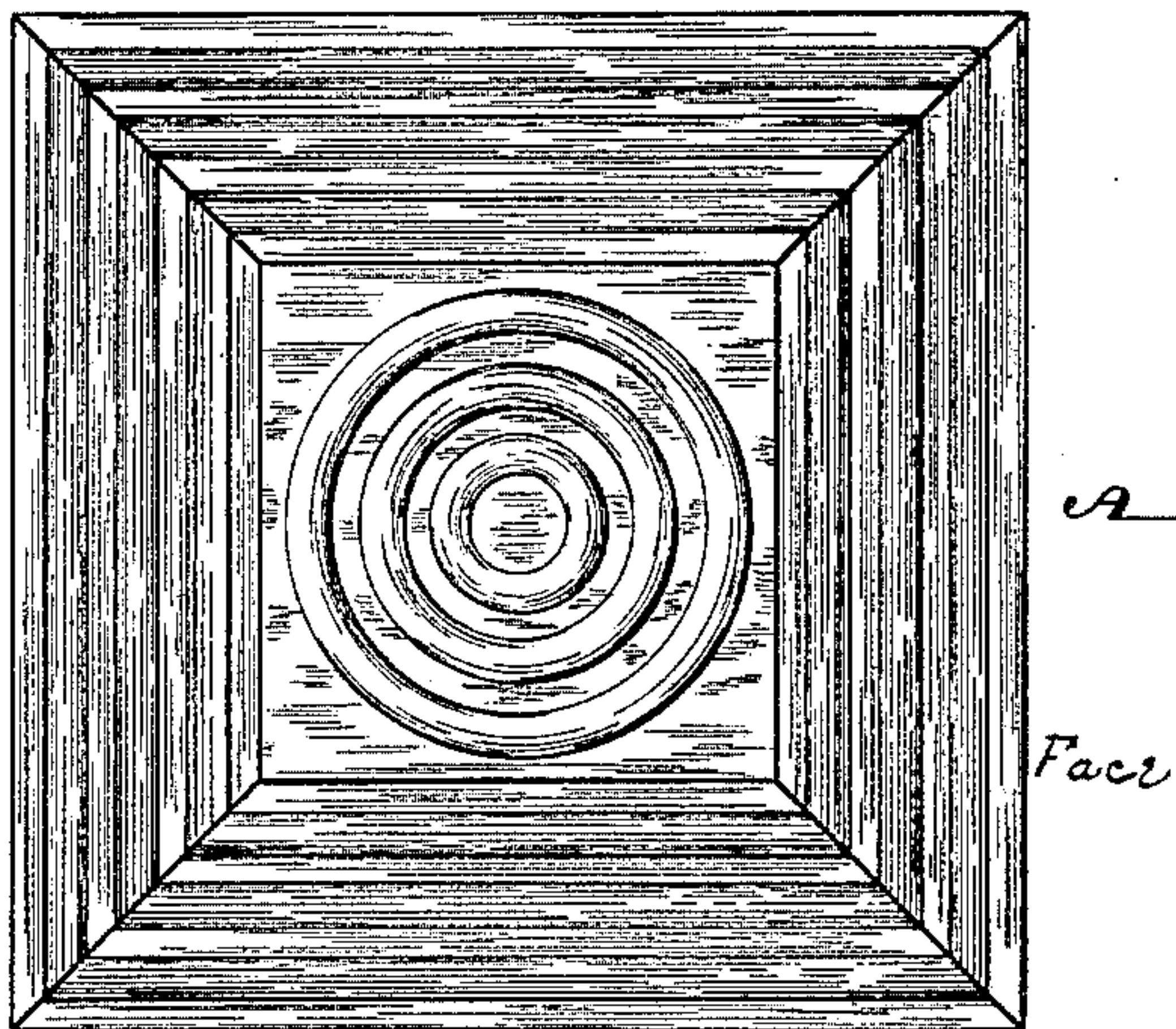


Fig. 2.

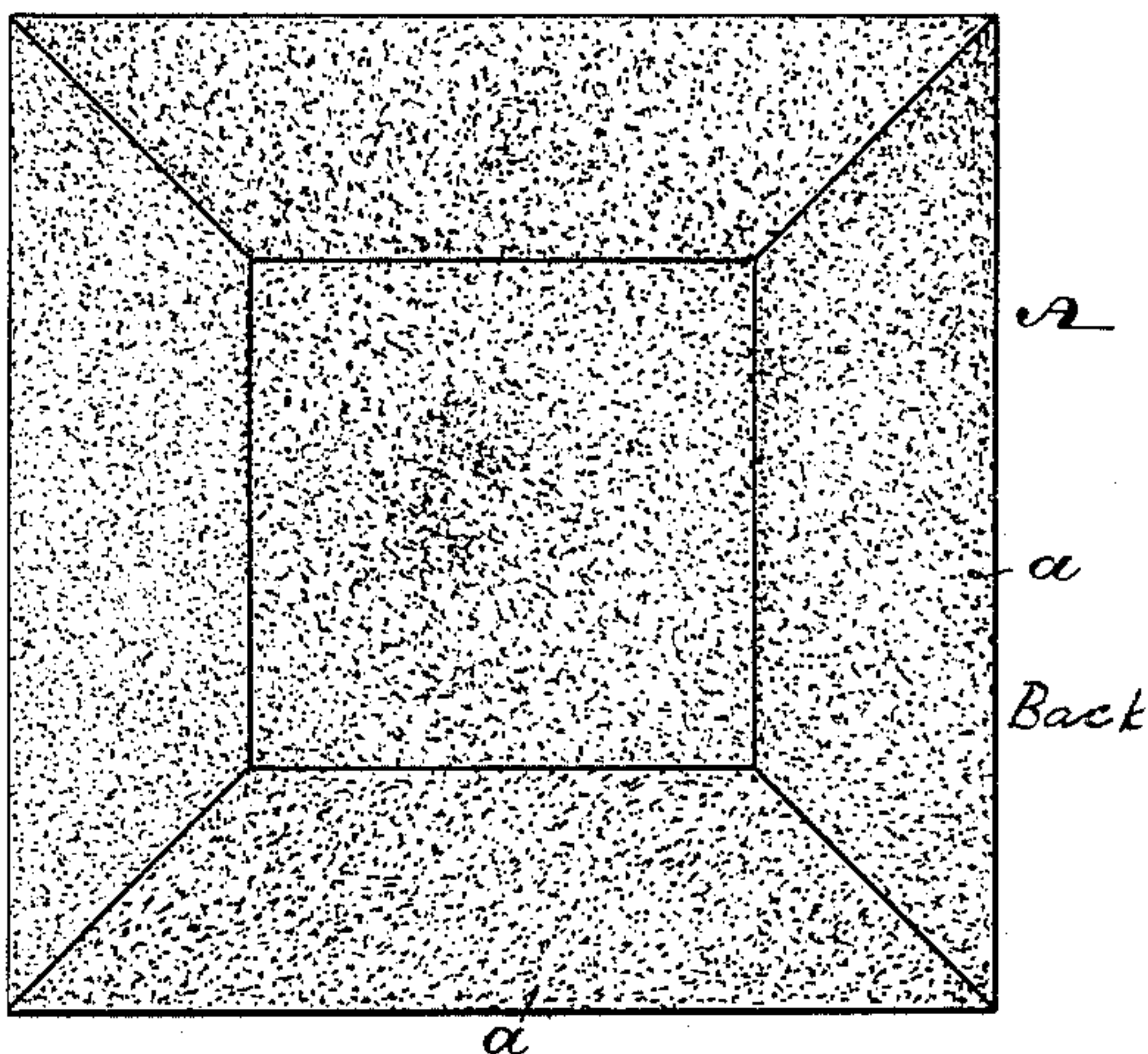
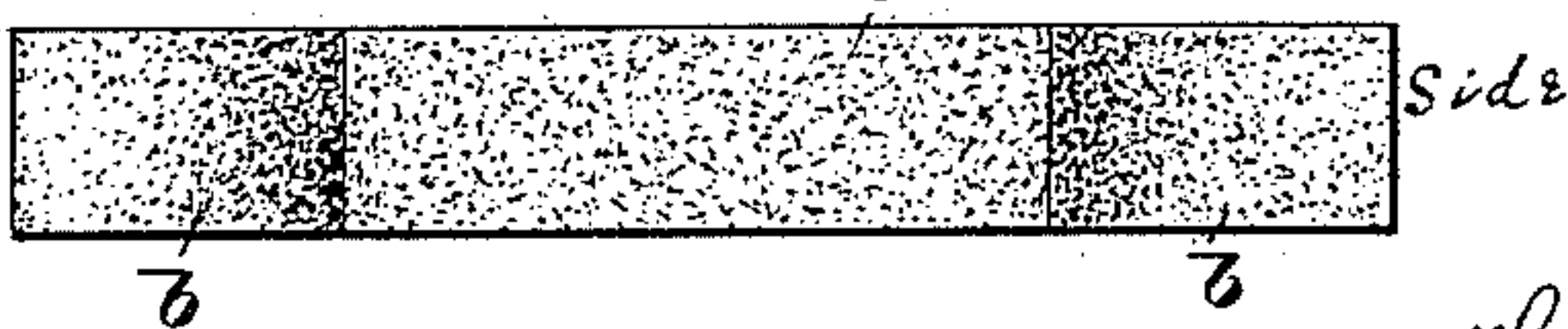


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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GLASS TILE.

SPECIFICATION forming part of Letters Patent No. 398,730, dated February 26, 1889.

Application filed March 14, 1888. Serial No. 267,146. (No model.)

To all whom it may concern:

Be it known that we, HOWARD ISZARD and FRANCIS ALBERT STANGER, of Glassborough, Gloucester county, State of New Jersey, and THOMAS C. DUFFIELD, of Woodbury, Gloucester county, State of New Jersey, citizens of the United States, have invented a new and useful Improvement in Glass Tiles, which improvement is fully set forth in the following specification and accompanying drawings.

Our invention consists of a tile formed of glass, having its face plain or ornamental and its back and sides ground, whereby a dull appearance is given the face of the tile, and the ground back and sides serve as a means for readily securing the tile.

Figure 1 represents a face view of tiles embodying our invention. Fig. 2 represents a rear view thereof. Fig. 3 represents a view of the inner side of one of the tiles.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A represents a tile formed of glass of suitable shape and color, and embossed, ornamented, or otherwise, or plain on its outer or front face, as desired. The back and sides of the tile are ground, as shown at *a b* in Figs. 2 and 3, thus overcoming the natural smoothness and slipperiness of the glass.

It will be seen that owing to the ground back of the tile the same is in a measure opaque, but sufficiently translucent to preserve the distinctness of the color of the tile and produce dull luster, while removing from the surface of the tile the glossiness peculiar to glass, which is objectionable in a tile. Furthermore, the ground surfaces of the back and sides of the tile provide reliable means for securing the tile in position, enabling the cement or other adhesive material employed to take firm hold of said ground or roughened surface. It is also evident that tiles constructed in accordance with our invention

may be cast in various shapes and made heavy or light and either plain or embossed, or otherwise ornamented, as desired. Furthermore, they possess the necessary strength, are comparatively indestructible, and may be cheaply constructed. They retain their color and may be washed and cleaned without injury, and they avoid the expensive glazed and enameled articles heretofore in use.

We would have it understood that we are aware that it is not new to roughen the edges of a pane of glass to cause the putty to more readily adhere thereto; also, that it is not new to form a tile of clay powder with an ornamental face and depressions on its back; also, that it is not new to treat a glass tile with chemicals to give the entire surface of said tile a dull glaze, and such we do not claim; but we are not aware that it has ever been proposed to form a tile of glass with a plain or ornamental face and a ground back and sides, said ground back and sides imparting to the face of the tile a dull appearance, and also causing the tile to more readily adhere or fasten in place, and that is what we claim.

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

As a new article of manufacture, a tile formed of glass having a plain or ornamental surface and a ground back and side, whereby a dull appearance is given the surface of the tile, and the ground back and sides serve as a fastening means for said tile, substantially in the manner and for the purpose described.

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