

No. 776,441.

PATENTED NOV. 29, 1904.

S. VEYON.
TILE, BRICK, OR THE LIKE.
APPLICATION FILED JUNE 24, 1904.

NO MODEL.

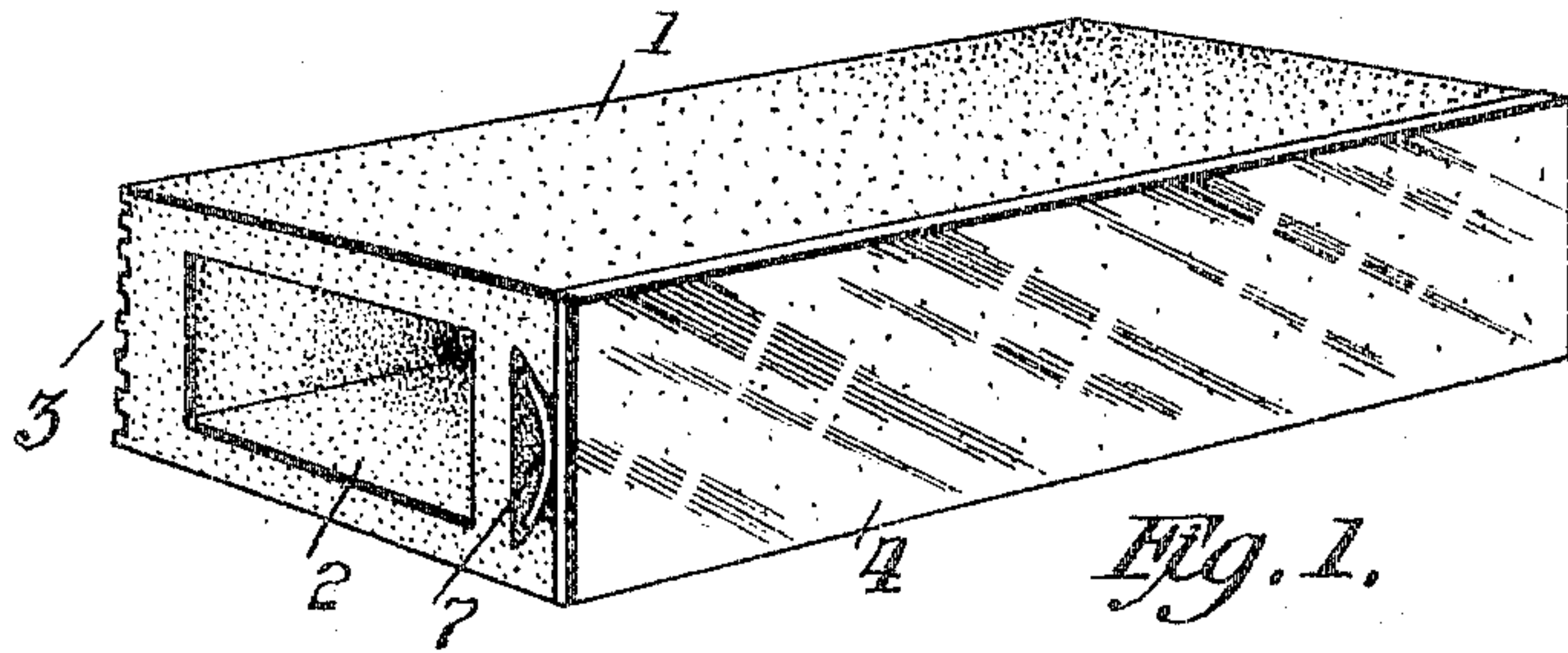


Fig. 1.

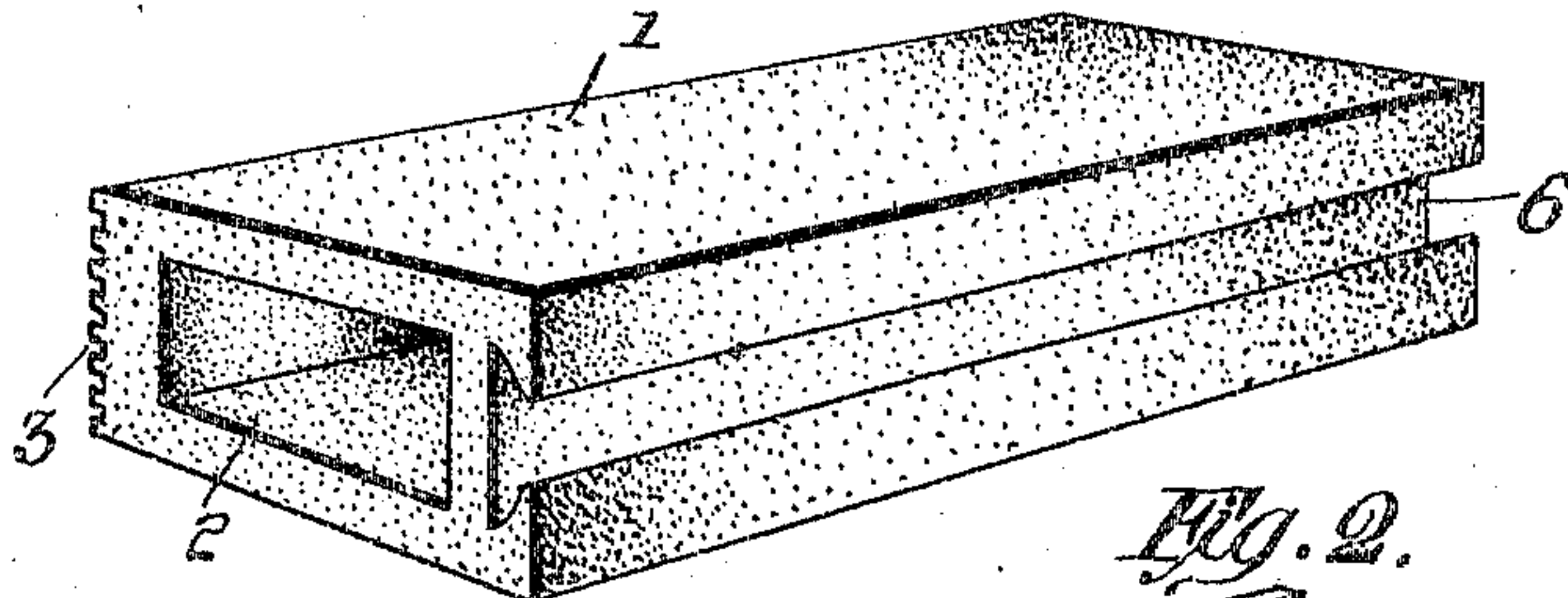


Fig. 2.

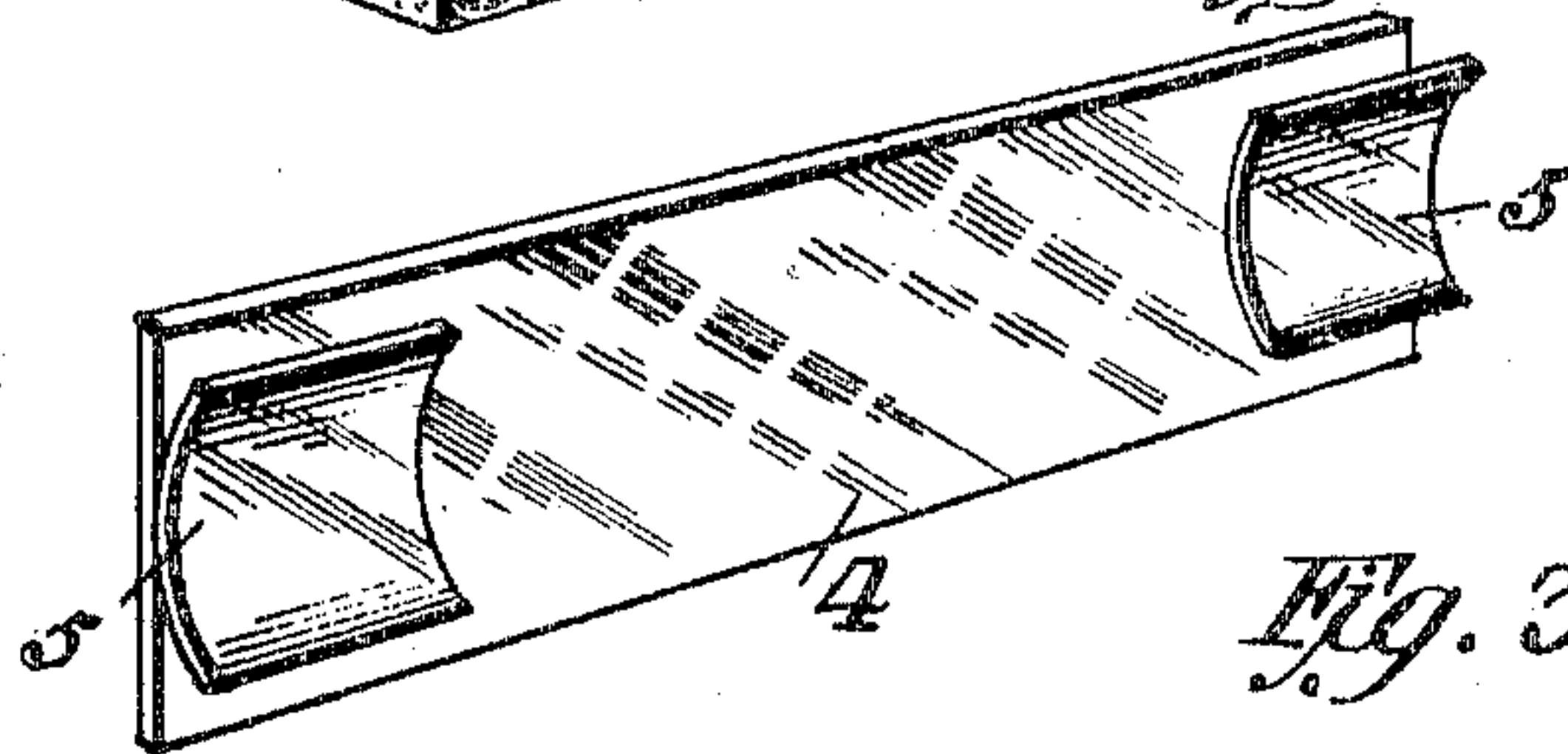


Fig. 3.

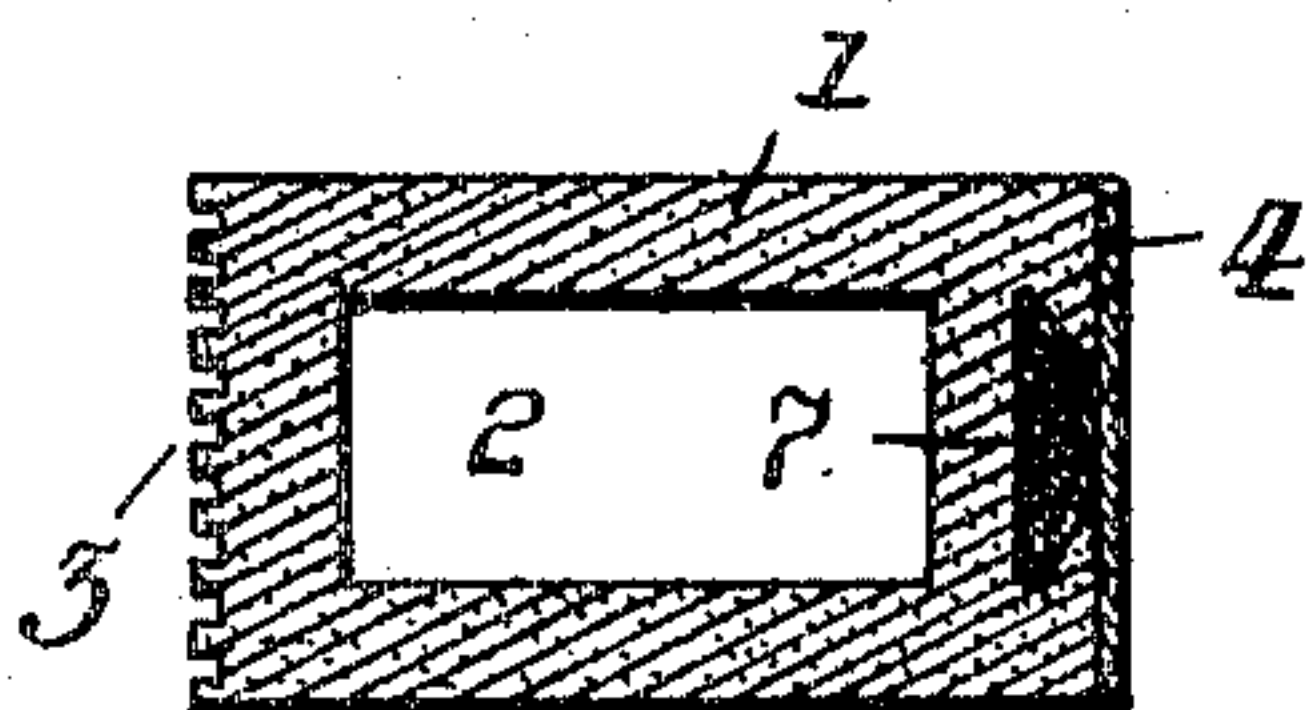


Fig. 4.

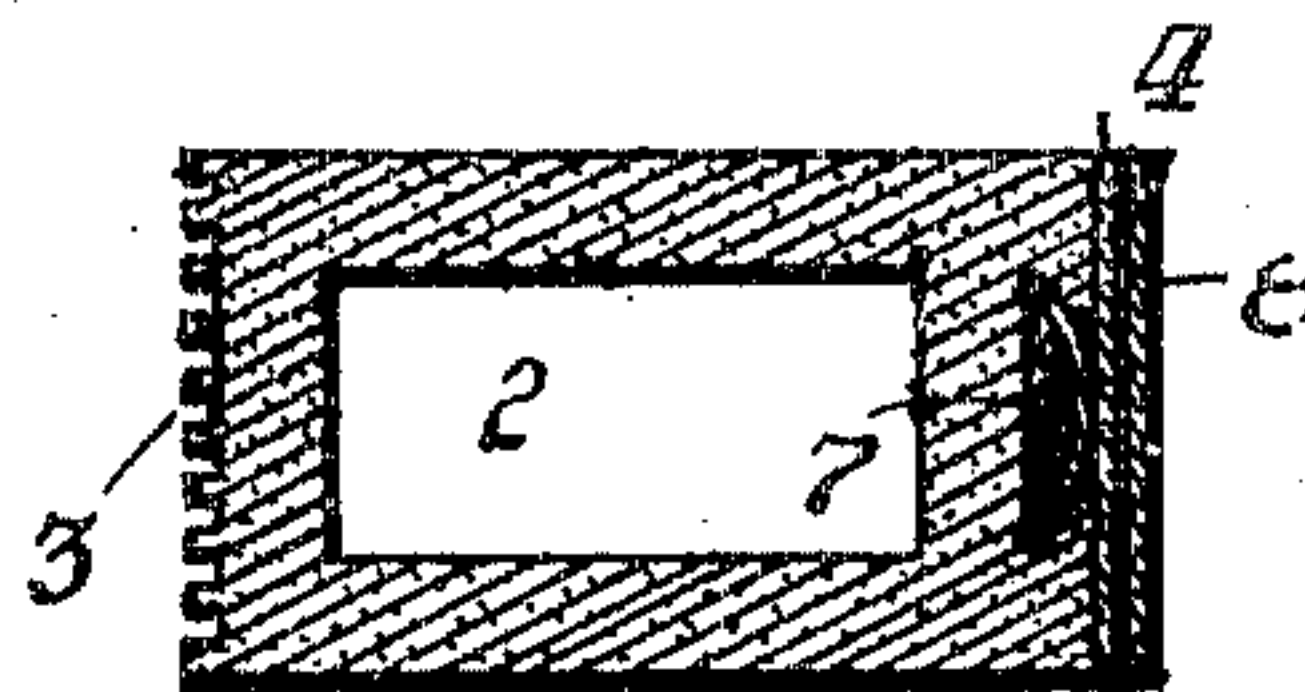


Fig. 5.

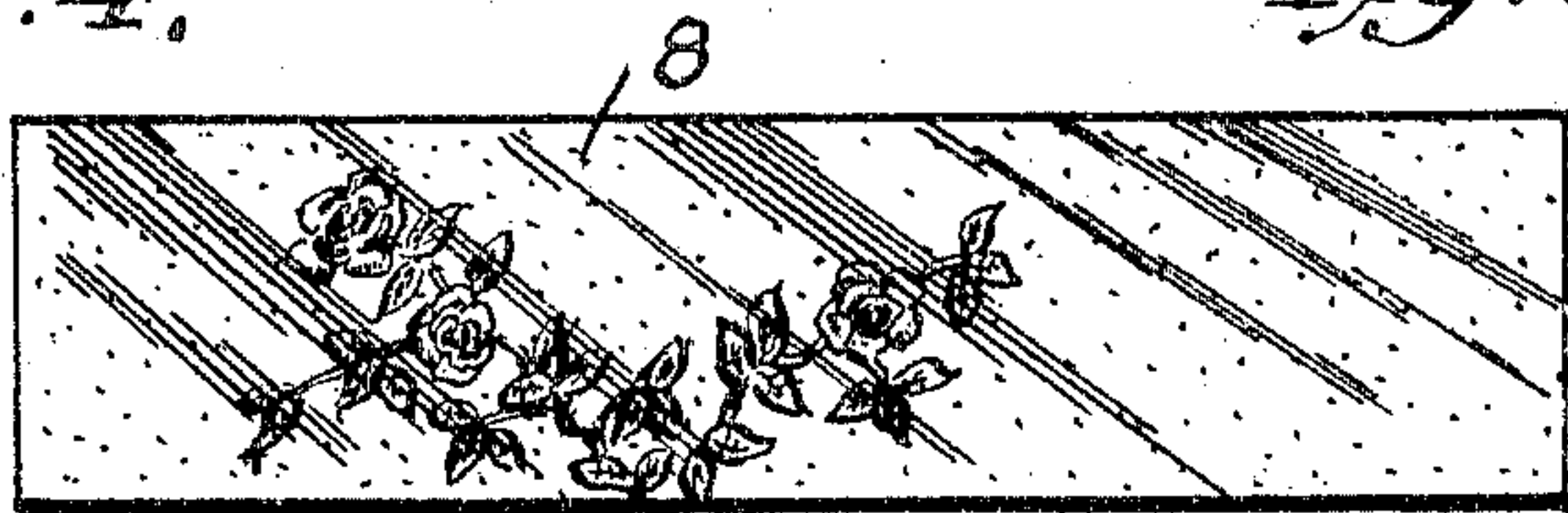


Fig. 6.

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UNITED STATES PATENT OFFICE.

SAMUEL VEYON, OF EAST PALESTINE, OHIO.

TILE, BRICK, OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 776,441, dated November 29, 1904.

Application filed June 24, 1904. Serial No. 213,945. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL VEYON, a citizen of the United States of America, residing at East Palestine, in the county of Columbiana and State of Ohio, have invented certain new and useful Improvements in Tiles, Bricks, or the Like, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention has relation to certain new and useful improvements in tiles, brick, or the like, and more particularly to that class of tiles which are provided with a facing of material of other kind than the body, such facing, for instance, to be of glass, porcelain, or an analogous material.

The object of my invention is to form a tile with a facing upon its one edge, novel means being employed for securing this facing to the edge of the tile, whereby the same will be firmly held in engagement with the edge of the tile. Heretofore in the transportation of tiles of this character it has been necessary to pack the tiles with care, a suitable packing material being interposed between each tile to protect the facing of each tile and prevent the same from becoming cracked or otherwise damaged, and in constructing my improved tile I have effected the same, whereby the tiles may be shipped to their destination in a manner similar to ordinary tiles, the facings of the tiles being packed separately and applied to the edge of the tile after the same have reached their destination, and it will thus be seen that a great amount of space and expense are saved in shipping my improved tiles, which is an important item to be taken into consideration in manufacturing tiles of this type.

The many other advantages and merits of my improved tile will be hereinafter more fully described, and specifically pointed out in the claims.

Referring to the drawings accompanying this application, wherein like numerals of reference indicate like parts throughout the several views, Figure 1 is a perspective view of my improved tile, showing the facing secured to its one edge, Fig. 2 is a perspective view of the tile shown in Fig. 1 of the drawings with the facing removed. Fig. 3 is a perspec-

tive view of the rear side of the facing. Fig. 4 is a transverse sectional view of a tile, showing the facing secured thereto. Fig. 5 is a transverse sectional view showing a modified form of constructing my improved tile; and Fig. 6 is an edge view of a tile, showing a modified form of constructing the same.

To put my invention into practice, I employ a tile 1, such as illustrated in Fig. 1 of the drawings, this tile being preferably of the ordinary and well-known size of tile generally used for building purposes, and in forming the tile I have constructed the same with a core 2, whereby the weight of the tile is greatly reduced, at the same time the strength and durability of the tile maintained, and upon the one edge of the tile I form the curved or corrugated surface 3, this surface being employed where the tile is to be secured by cement or plaster to an adjacent tile or wall, the curves or corrugations permitting the cement or plaster to firmly grip this edge of the tile. Upon the opposite edge of the tile is adapted to be secured the facing 4, which is preferably made of porcelain, glass, or any suitable material which may be used to present a neat appearance. This material to be used may be either transparent, semitransparent, or opaque, as will be found desirable for the purposes to which the tile is used. Upon the rear side of this facing 4 I secure one or more curved plates 5 5, these plates being secured to the rear side of the facing by heating the adjoining surfaces of the facing and plates to such a degree of heat that the glass or material will become fused and each piece adhere to the other, or a suitable cement may be employed, whereby these curved plates 5 5 may be readily secured to the rear side of the facing 4. In order to secure the facing upon the edge of the tile, I have formed in the one edge of the tile a dovetailed or wedge-shaped groove 6, in which the curved plates 5 5 of the facing are adapted to be secured, and in order to place the facings upon the tile one of the curved plates 5 5 is entered in the groove 6 at the one end of the tile and the facing moved along until the remainder of the curved plates have become engaged in the groove, at which time the tile is stood upon its end and a suit-

able cement 7 is poured into the groove until the space which exists between the sides of the groove and the curved plates 5 has been filled, and upon the cement being allowed to harden the facing 4 is rigidly and firmly secured to the one edge of the tile.

In Figs. 5 and 6 of the drawings I have illustrated a modified form of constructing my improved tiles, this form being employed where it is desired to introduce an ornamental design or configuration upon the facing of the tile. After the facing 4 has been secured upon the edge of the tile in the manner above described a decalcomania or film picture may be placed upon the exposed side of the facing, at which time another facing, 8, is secured upon the facing 4 by a suitable cement, the facing 8 being made of a transparent material, whereby the decalcomania or picture will be exposed. In Fig. 6 of the drawings I have illustrated a decalcomania in position behind the facing 8, and I have illustrated this picture as representing a portion of a vine, which may be made to represent a vine growing against the tiles of a wall or the like.

It will thus be seen by the construction of my improved tile that the advantages gained by constructing the tile separate from the facing will facilitate the transportation and handling of the tile, the faces of the tile being constructed independent of the body portion of the same, whereby the careful packing of the tiles of this character, which has heretofore been necessary, is entirely dispensed with, and upon the tile and facing reaching their destination the facing may be readily applied to the tile in a locality adjacent to where they are to be used.

Throughout the several views of the drawings I have illustrated the body portion of the tile as being made of a suitable material, such as clay and the like, although it will be observed that this body portion upon which the

facings are adapted to be secured may be made of wood or any material in which a groove may be formed, whereby the facings may be secured and backed up in such a manner as to firmly support and hold the facings in position.

While I have herein described and shown the groove formed in the edge of the tile as being of a specific shape and contour, I wish it to be understood that I do not care to limit myself to this exact construction, but may employ a groove of such construction that the same will grip and hold a suitable projection carried by the facing, and I may make other slight changes in the details of construction without departing from the scope of the invention.

What I claim is—

1. In combination with a tile, a facing, attached curved plates carried by said facing and cemented thereto, and means for securing said facing to the tile.

2. In combination with a tile having a wedge-shaped groove formed in its one edge, a plurality of facings, a picture interposed between said facings, curved plates carried by one of said facings and adapted to engage in said groove, and means for securing said curved plates therein.

3. As a new article of manufacture, a tile having a facing upon its one edge, said facing being composed of a piece of glass, a decalcomania secured on said piece of glass, a transparent piece of glass secured to the first-named piece of glass, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

SAMUEL VEYON.

Witnesses:

W. J. FOLEY,
E. V. JAMIESON.