

No. 704,766.

Patented July 15, 1902.

W. C. STATE.
TILE.

(Application filed May 3, 1902.)

(No Model.)

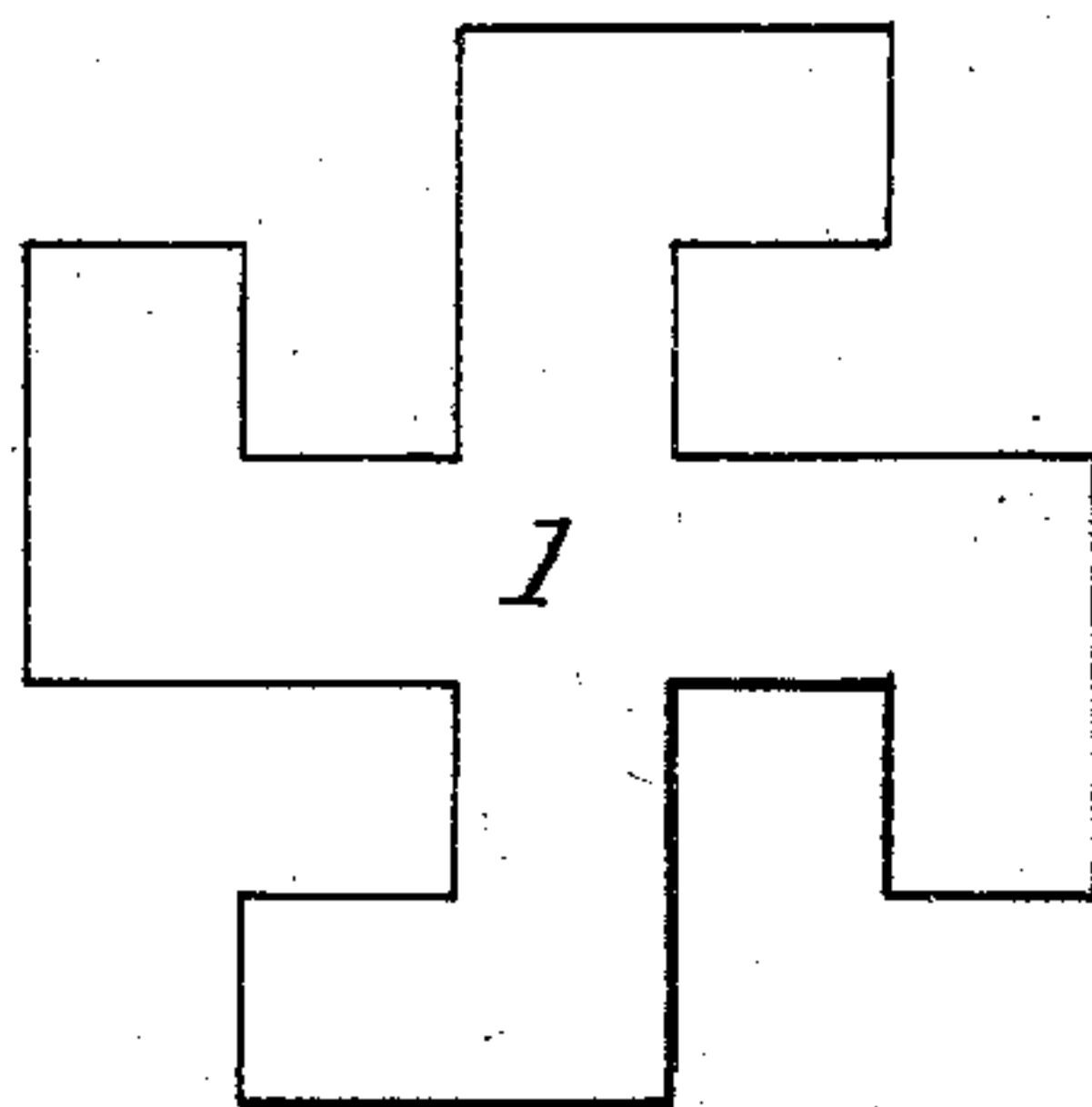


Fig. 1.

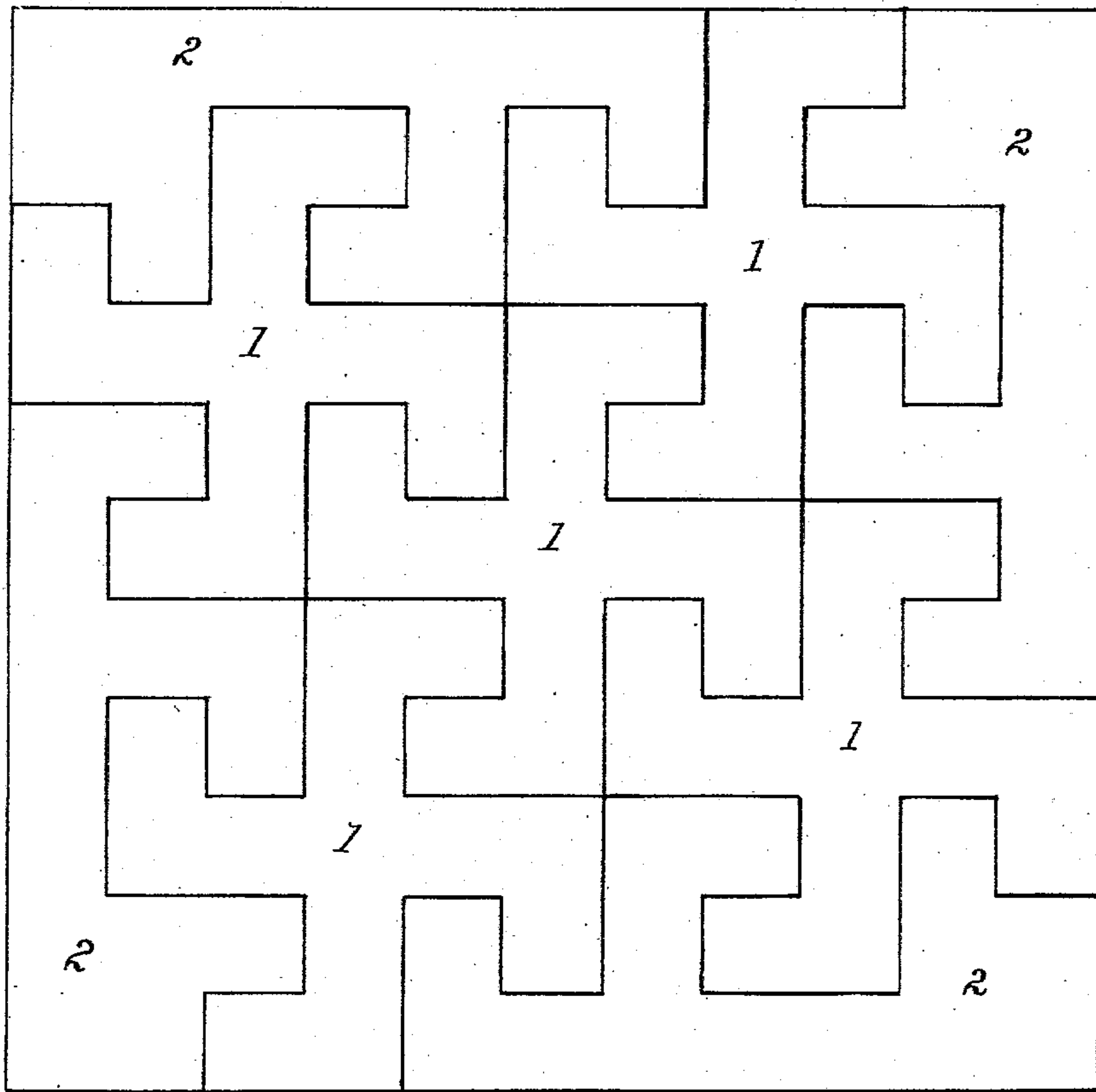


Fig. 2.

WITNESSES:

George D. Spencer
Wm. Edwin Kahn

INVENTOR.

Will. C. State.

UNITED STATES PATENT OFFICE.

WILL C. STATE, OF AKRON, OHIO, ASSIGNOR TO THE GOODYEAR TIRE AND RUBBER COMPANY, OF AKRON, OHIO.

TILE.

SPECIFICATION forming part of Letters Patent No. 704,766, dated July 15, 1902.

Application filed May 5, 1902. Serial No. 106,025. (No model.)

To all whom it may concern:

Be it known that I, WILL C. STATE, a citizen of the United States, residing at Akron, in the county of Summit and State of Ohio, have invented a certain new and useful Improvement in Tiles, of which the following is a specification.

My invention has relation to improvements in tile for floors, walls, and kindred purposes, as well as for decks of vessels and cars.

The object of my invention is to produce a new and improved tile of the interlocking type that will be simple in construction and effective in use.

To the accomplishment of the aforesaid object my invention consists in tile constructed in the forms shown in the accompanying drawings, as hereinafter described, and then specifically pointed out in the claims, reference being had to the accompanying drawings, which form a part of this specification.

In the accompanying drawings, in which similar reference-numerals indicate like parts in the different figures, Figure 1 is a plan of a single tile; and Fig. 2 a number of tile laid together, showing the manner of uniting them on the floor and provided with interlocking border-tile to illustrate the manner of completing a pattern.

Referring to these figures, 1 is the inner or body tile to form the filling of the pattern inside of the border, and 2 the border-tiles. Each inner tile 1 consists of a right-angled cross, with arms of like size and shape, the length of each arm being twice its width and each turned at a right angle in the same way from the center at a point distant from the cross-arm equal to its width and for a like distance. In laying these tile the arms of adjacent pieces match and interlock until the required space is covered. Border-tile 2 are then employed, each having a straight edge; with the other formed of arms straight and bent to fit the openings between the arms of adjacent inner tile and with a right-angled corner to form the corner of the complete pattern. Where the floor is large, intermediate border-tile can be used; but as they are exactly like the tile 2, excepting that the widened corner is omitted, a separate figure has not been deemed necessary to an intelligent understanding of their construction. In laying these tile a corner border-tile 2 may be placed and the inner or body tile, with other

border-tile, added thereto until the desired size and pattern are secured.

These tile may be of vitrified or porcelain-coated blocks, india-rubber, or other material, as the nature of their service may require.

By giving different colors to the different tile various patterns may be produced.

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

1. An improved tile consisting of a rectangular cross with arms of like size and shape, the length of each arm being twice its width, and turned at a right angle in the same way from the center, at a point distant from the cross-arm equal to its width and for a like distance, substantially as shown and described.

2. An improved tiling consisting of blocks in form of a rectangular cross with arms of like size and shape, each arm being turned at a right angle at the same distance from the cross-arm, and for the same length, in combination with border-tile, each having one straight edge with a square corner, the other end and edge having a configuration to fit the adjacent inner tile, substantially as shown and described.

3. An improved corner and border tile for inner filling-tile in form of rectangular crosses with arms of like size and shape each turned at a right angle at the same distance from the cross-arm and for the same length; which consists of tile having a straight edge and end at a right angle, with the inner edge conformed to match and interlock with the adjacent arms of inner tile, substantially as shown and described.

4. An improved border-tile for inner filling-tile in form of rectangular crosses with arms of like size each turned at a right angle at the same distance from the cross-arm and for the same length; which consists of tile having a straight edge, with the other edge having a configuration to fit the adjacent inner tile, substantially as shown and described.

In testimony that I claim the above I hereunto set my hand in the presence of two subscribing witnesses.

WILL C. STATE.

In presence of—

C. P. HUMPHREY,
GEO. W. ROGERS.