

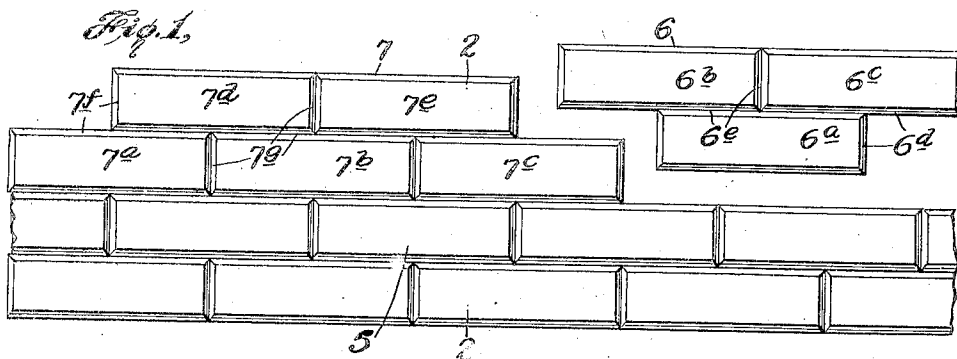
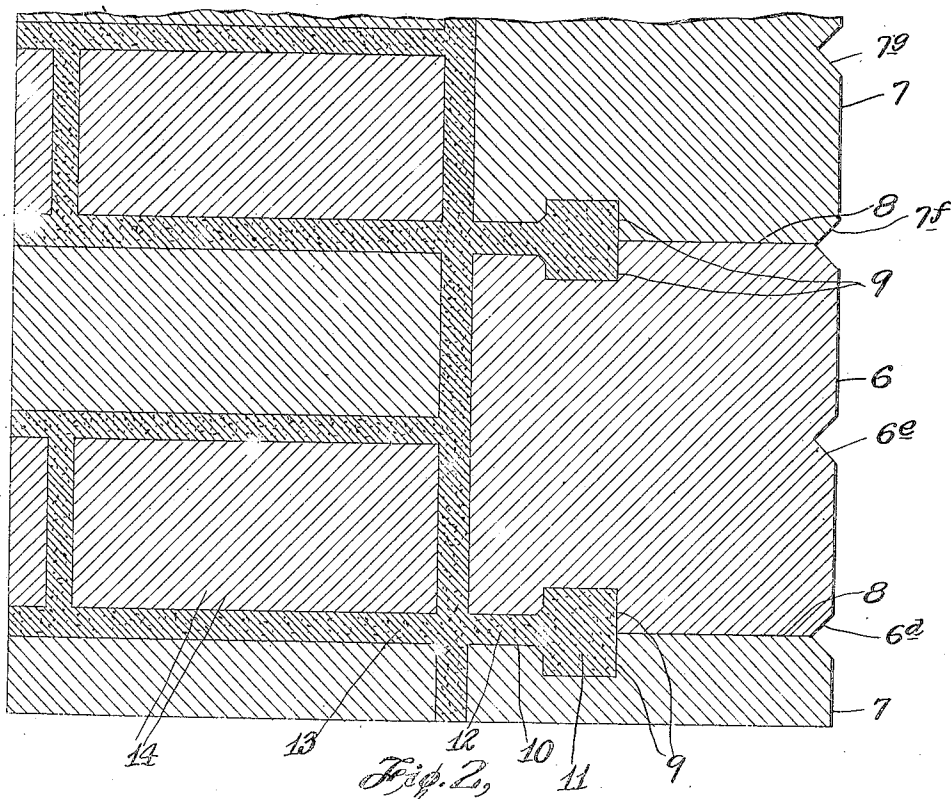
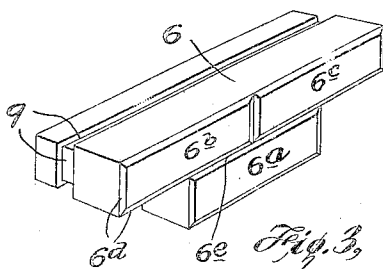
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F. W. RURADE.

BUILDING BRICK

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UNITED STATES PATENT OFFICE.

FREDERICK W. RURADE, OF JERSEY CITY, NEW JERSEY.

BUILDING BRICK.

Application filed April 4, 1922. Serial No. 549,553.

To all whom it may concern:

Be it known that I, FREDERICK W. RURADE, a citizen of the United States, and residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Building Bricks, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to building bricks, and particularly to bricks of this class designed to be used in facing the walls of a building and to facilitate the quick construction of such walls and also the alinement of the facing brick of the wall, and the object of the invention is to provide a brick of the class and for the purpose specified composed of units of three, and five or more bricks or representations of brick of a size equal to corresponding numbers of building bricks, such as usually employed; a further object being to provide bricks of this class with means for representing the division of the separate bricks in my improved brick construction; a further object being to provide means for anchoring such bricks in the wall structure; and with these and other objects in view the invention consists in a brick construction of the class and for the purpose specified which is simple in form and construction and efficient in use and which is constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:—

Fig. 1 is a front view of a part of a wall construction made by the use of my improved bricks, one of said bricks being shown slightly detached;

Fig. 2 an enlarged sectional view partially on the line 2—2 of Fig. 1 and showing the method of anchoring my improved brick in a wall structure; and,

Fig. 3 a perspective detail view of one of my improved bricks.

My invention relates to building bricks used in the construction of buildings and which are usually about eight inches long, four inches wide and two and one-half inches high, and it is the present custom

to mount these bricks one upon another and side by side in the construction of the walls of a building. My invention consists in molding or otherwise forming a building brick or block of a size equal to three, five or more of the usual building bricks employed, and these bricks or blocks are preferably used in constructing the facing of the walls of a building.

In Fig. 1 of the drawing, I have shown at 5 a part of the outer face of a wall of a building, and in said figure I have shown at 6 one of my improved building bricks or blocks composed of three representations of the usual bricks 6^a, 6^b, and 6^c combined in one unit and molded or otherwise formed, the representations of the bricks being formed by beveling the edges of the brick or block 6 as shown at 6^a, and by providing V-shaped grooves 6^c on the outer face of the brick or block 6.

In Fig. 1, I have also shown a brick or block 7 composed of five representations of the usual bricks 7^a, 7^b, 7^c, 7^d and 7^e combined in one unit and molded or otherwise formed, the representations of the bricks being formed by beveling the edges of the brick or block 7 as shown at 7^a, and by providing V-shaped grooves 7^e on the outer face of the brick or block 7.

The beveled edges 6^a and 7^a as well as the grooves 6^c and 7^e also serve to represent the usual mortar or plaster placed between the bricks of the usual wall construction. It will be understood that these bricks or blocks 6 and 7 are placed one upon another and side by side in the usual manner in the construction of the outer facing of a wall, and it will be noted that the top and bottom and side faces of these bricks abut for a greater portion of their depth as shown at 8 in Fig. 2 of the drawing, and in order to insure the anchoring of said bricks or blocks, I provide the periphery thereof with grooves or recesses 9 adjacent to the inner face of the bricks or blocks 6 and 7, as clearly shown in Fig. 2 of the drawing, and the top, bottom and side faces of the bricks or blocks 6 and 7 rearwardly of the grooves or recesses 9 are slightly reduced as shown at 10, whereby in the construction of a wall mortar, cement or the like may be placed in the grooves or recesses 10 as shown at 11, and be anchored to the mortar of the wall construction through the anchoring body 12 of mortar which joins

the mortar 11 in the grooves or recesses 9 with the mortar 13 of the wall construction.

In Fig. 2 of the drawing, I have also shown a number of ordinary bricks 14 mounted inwardly of the bricks or blocks 6 and 7, but it will be understood that my improved brick or block construction may also be used in the construction of the entire wall, if desired, but if used inwardly of the outer face of a wall the grooves and beveled edges will be omitted.

It will be understood that I am not necessarily limited to the number of representations of building bricks in my separate bricks or blocks, and these bricks or blocks may be dissected whenever necessary where an entire brick or block unit cannot be employed as is often the case, and various changes in and modifications of the construction herein shown and described may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A building brick or block of the class described composed of a plurality of representations of the usual building bricks formed in a single solid unit, one face of said brick or block being provided with grooves and beveled edges to form the representations of bricks on said face, the periphery of said brick or block being provided adjacent to the other face thereof with a recess adapted to receive mortar and the like, and the outside dimensions of said brick or block rearwardly of said recess being less than the corresponding dimensions of the remainder of the brick or block to form when said bricks or blocks are placed one upon

another and side by side spaces therebetween inwardly of said recess.

2. A building brick or block of the class described composed of a plurality of representations of the usual building bricks formed in a single and solid unit, the outside dimensions of said bricks or blocks adjacent to the inner faces thereof being of less dimensions than the remainder of said blocks to form between said blocks when placed one upon another and side by side spaces into which a suitable cement is adapted to be placed, and said bricks or blocks being provided on the periphery thereof and adjacent to the inner faces thereof with grooves into which the cement is adapted to pass.

3. A building brick or block of the class described composed of a plurality of representations of the usual building bricks formed in a single solid unit, one face of said bricks or blocks being provided with grooves and beveled edges to form the representations of bricks on said face, said bricks or blocks being adapted to be placed one upon another and side by side and to directly abut each other about the periphery thereof and adjacent to the front faces, the outside dimensions of said bricks or blocks adjacent to the other or rear face thereof being less than the remainder of said bricks or blocks to form between said blocks, when placed together, spaces into which a suitable cement is adapted to be placed, and said bricks or blocks being provided in the periphery thereof and adjacent to the rear faces thereof with grooves or recesses into which the cement is adapted to pass.

In testimony that I claim the foregoing as my invention I have signed my name this 1st day of April, 1922.

FREDERICK W. RURADE.