G. ATTERBURY.

BUILDING BLOCK.

APPLICATION FILED MAY 28, 1915.

1,255,573. Patented Feb. 5, 1918.

Fig. 1.

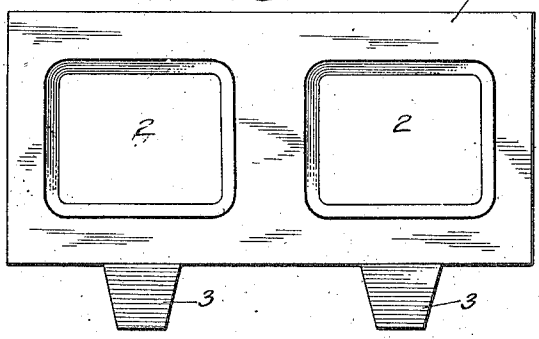


Fig. 3.

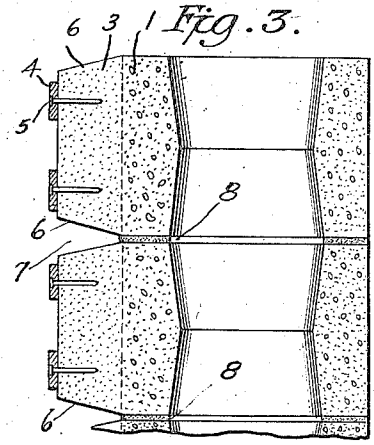


Fig. 2.

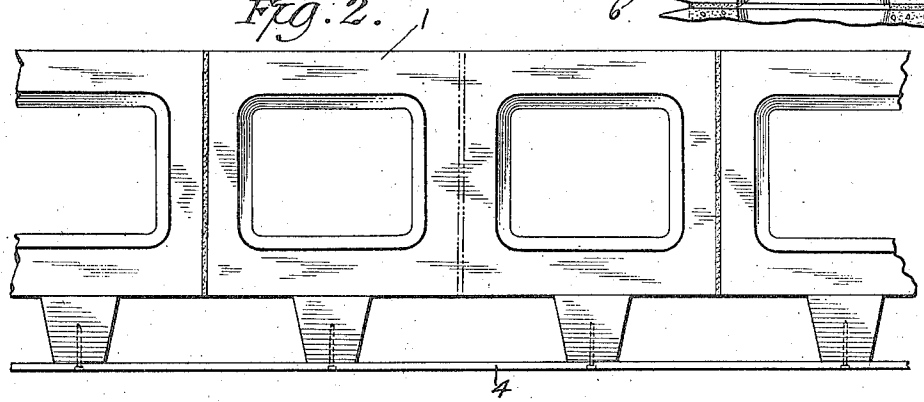
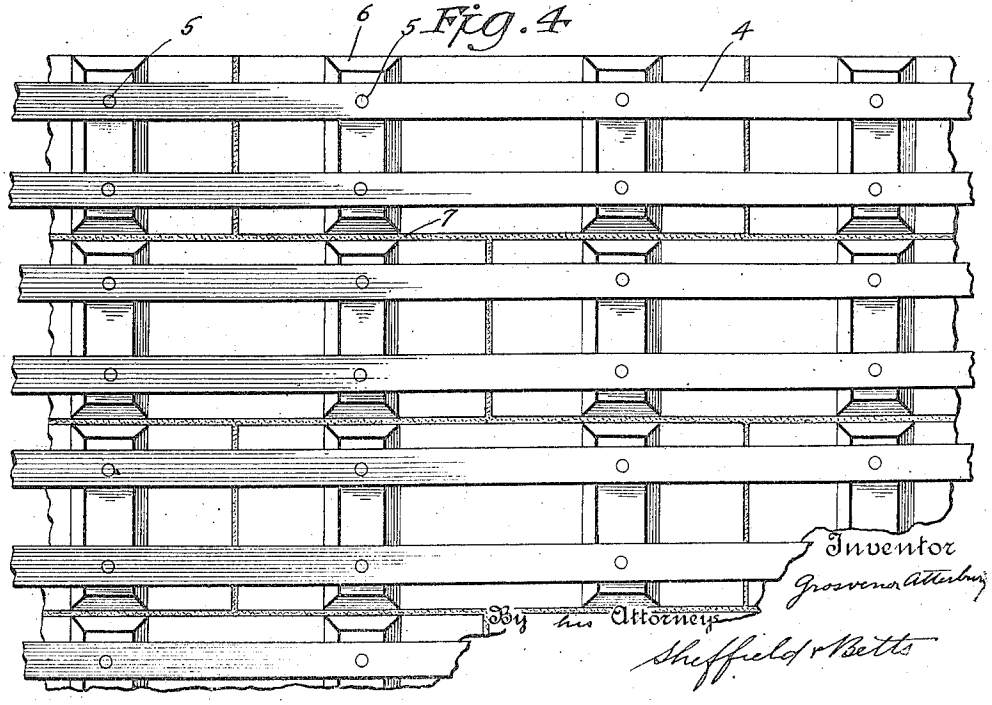


Fig. 4.



Inventor

Grosvenor Atterbury

By his Attorneys

Sheffield & Betts

UNITED STATES PATENT OFFICE.

GROSVENOR ATTERBURY, OF NEW YORK, N. Y., ASSIGNOR TO STANDARDIZED HOUSING CORPORATION, A CORPORATION OF DELAWARE.

BUILDING-BLOCK.

1,255,573. Specification of Letters Patent. Patented Feb. 5, 1918.

Application filed May 28, 1915. Serial No. 30,879.

To all whom it may concern:

Be it known that I, GROSVENOR ATTERBURY, a citizen of the United States, residing in the city, county and State of New York, have invented or discovered certain new and useful Improvements in Building-Blocks, of which the following is a full, clear, and complete disclosure.

My invention relates to building blocks composed of concrete or cementitious materials, such as are commonly employed in building operations and, briefly described, comprises a building block having one or more sections of furring strips cast on its surface, forming an integral part thereof and adapted to aline with corresponding sections on the adjacent blocks in the wall to receive and support laths, plaster-boards, wall boards and similar materials used in finishing wall surfaces.

In the drawing accompanying and forming a part of this specification I have illustrated a building block embodying my improvements and also a wall formed of my improved blocks.

Referring in detail to the drawing, 1 designates the body of the block which is formed of any ordinary composition employed in forming blocks of this kind, and preferably has cavities or cored openings 2 therein as is usual. The numeral 3 designates sections of furring strips located on one of the faces of the block and formed as an integral part thereof. These sections are preferably formed of a composition or mixture adapted to receive nails or screws after it has hardened in order that laths, boards, etc., may be secured to the strips in the usual way. Suitable materials for use in forming these strips are described in my Patents Nos. 1,140,559, dated May 25, 1915, and 1,163,060, dated December 7, 1915. In the block illustrated I have shown two sections on one face of the block and these are so located that when the blocks are assembled in a wall as shown in Figs. 2, 3, and 4, the sections aline so as to form vertical furring strips to which laths 4 are secured by nails or screws, 5. With walls constructed of concrete blocks of the ordinary type, considerable difficulty has been experienced in preventing water passing along the joints between the blocks and reaching the plaster on the inside of the wall. This water I have observed is largely drawn in and moves by capillary action. In order that this may not occur with walls constructed of my improved blocks, I bevel the ends 6 of the furring strip sections, thereby providing an open space as at 7 between the plaster supported on the laths 4 and the joints 8 along which the water tends to move.

In practising my invention any suitable mold may be employed and the blocks may be either hollow or solid and of any approved shape and size. In some cases, as for instance, where the blocks are employed to form partition walls, furring strips may be cast on both sides of the blocks in order that both sides of the wall may be plastered or finished. The advantages of my improved block are believed to be obvious from the foregoing description.

Having now described my invention, what I claim is:

A concrete building block having cast on its face as an integral part thereof, a section of a furring strip formed of a cementitious mixture adapted to receive nails, said strip extending substantially across the block and having its ends beveled for the purpose described.

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

GROSVENOR ATTERBURY.

Witnesses:
JOSEPH P. MARSHALL,
W. F. ANDERSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."