Mar. 27, 1923

1,449,529

G. R. L. MEADORS

INTERLOCKING BLOCK

Filed Mar. 14, 1922

Fig. 1.

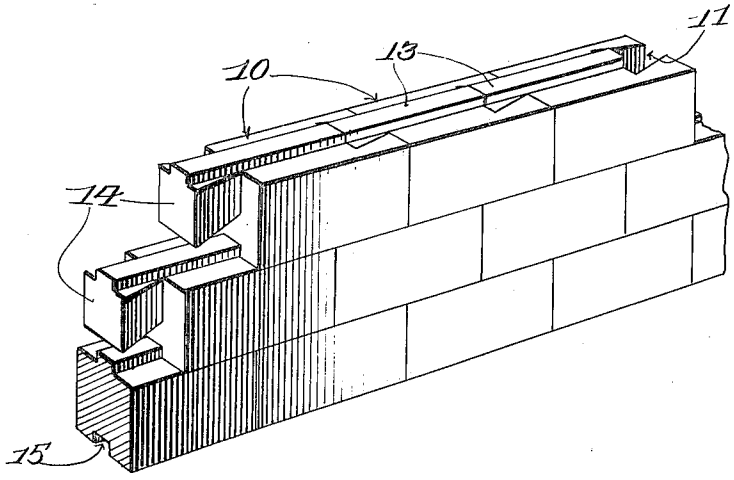
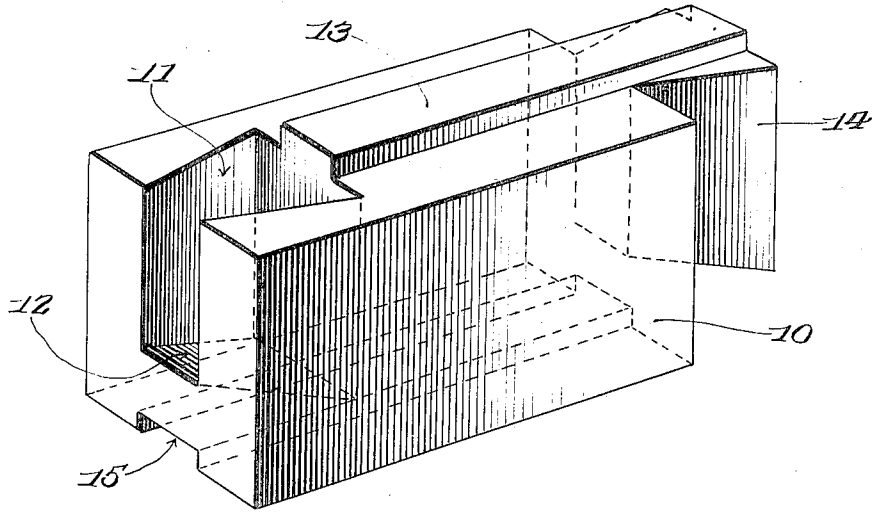


Fig. 2.



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UNITED STATES PATENT OFFICE.

GEORGE R. L. MEADORS, OF MEMPHIS, TENNESSEE, ASSIGNOR TO JOHN W. DAWKINS, OF MEMPHIS, TENNESSEE.

INTERLOCKING BLOCK.

Application filed March 14, 1922. Serial No. 543,610.

To all whom it may concern:

Be it known that I, GEORGE R. L. MEADORS, a citizen of the United States, residing at Memphis, in the county of Shelby, State of Tennessee, have invented certain new and useful Improvements in Interlocking Blocks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable other skilled in the art to which it appertains to make and use the same.

This invention relates to new and useful improvements in building blocks.

One object of the invention is to provide a building block which interlocks with adjacent blocks of the same course and also with blocks of the courses above and below, thus obviating the use of mortar, cement or other binding material.

Another object is to provide a building block so constructed that when interlocked with adjacent blocks same will not be liable to become disengaged therefrom.

Other objects and advantages will be apparent from the following description when taken in connection with the accompanying drawing.

In the drawing:

Figure 1 is a perspective view of a number of blocks made in accordance with the invention and properly assembled.

Figure 2 is a perspective view of one of the blocks removed from the wall.

Referring particularly to the accompanying drawing 10 represents the body of the block which may be formed from clay, cement or any other suitable material and which may be rectangular in outline for the straight portion of a wall.

In one end of the blocks there is formed a dove-tailed recess 11, the wider end of which is directed inwardly from the end of the block. The bottom wall of the recess inclines downwardly and longitudinally of the block, and toward the wider end of the recess at 12. Formed on the upper face of the block, and extending longitudinally from the inner end of the recess 11, toward the other end of the block is a central longitudinal rib 13, the same being preferably as wide as the outer end of the recess 11.

Extending from the opposite end of the block is a dove-tailed tongue 14 of an outline corresponding to the size and shape of the recess 11, and arranged to properly fit in the recess 11, of the next adjacent block. The rib 13 is continued along the upper face of the tongue 14, and to the outer end thereof. Formed through the entire length of the bottom face of the block is a groove 15, of a width and depth approximately that of the rib 13, so as to receive the rib 13, of the next block or blocks below.

Thus the blocks when properly assembled in a wall have interlocking engagement with the blocks of the same course, at each end, and with the blocks above and below, with result that the block is firmly anchored against longitudinal movement and also against movement transversely of the wall.

What is claimed is:

1. A building block comprising a body having a groove extending throughout the length of the bottom face, a dove-tailed recess formed in one end of the block and with its wider end directed inwardly and its bottom wall inclined downwardly and longitudinally of the block, a dove-tailed tongue formed on and projected from the other end of the block and having an outline corresponding in size and shape to that of the recess, and a longitudinal central rib formed on the upper face of the block of a width equal to the groove of the bottom of the block and of the outer end of the dove-tailed recess, and extending from the inner end of the recess to the outer end of the tongue.

2. A building block comprising a body having a dove-tail groove extending throughout the length of the body in one face, a dove-tail recess in one end of the body having an inclined bottom wall and opening through the upper face of the block, a dove-tail tongue extending from the opposite end of the body, and a longitudinal rib on one face of the body and extending to the outer end of the said tongue.

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

GEORGE R. L. MEADORS.

Witnesses:
ETTA FLEMING,
FRANK WATSON.