

Feb. 21, 1933.

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1,898,297

BUILDING BLOCK

Filed Sept. 23, 1931

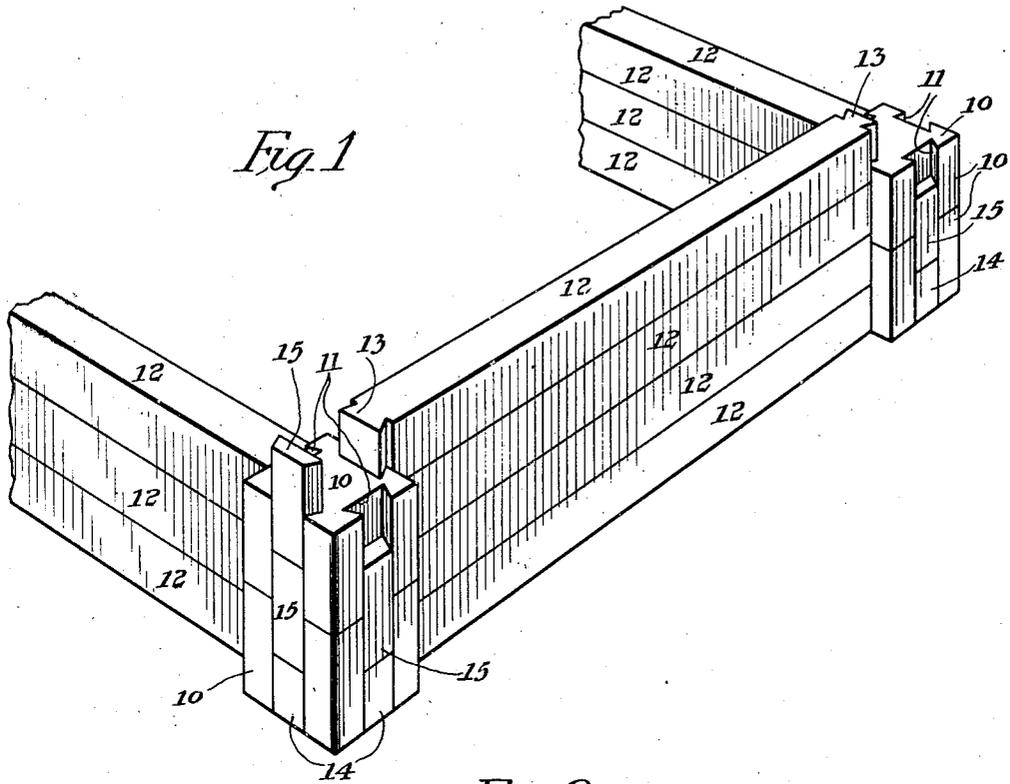


Fig. 1

Fig. 2

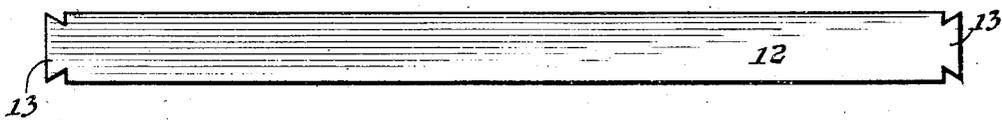


Fig. 3



Fig. 4



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BUILDING BLOCKS

Application filed September 23, 1931. Serial No. 564,505.

The invention relates to improvements in building blocks especially adapted for use by children, the primary object of the invention being the provision of a simple set of blocks for the purpose indicated which are interlocking in character and highly efficient in use.

Another object of the invention is the provision of an improved set of blocks of the character indicated, including improved means for interlocking the individual blocks or members thereof.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing forming a part of this specification, and in which

Fig. 1 is a perspective view illustrating the blocks in use for constructing a part of one end of a rectangular enclosure;

Fig. 2 a top plan view of one of a plurality of side members or blocks employed in the set;

Fig. 3 a top plan view of one of a plurality of corner members employed in the set; and

Fig. 4 a top plan view of one of a plurality of combined filler and locking blocks employed in the set.

The embodiment of the invention illustrated in the drawing comprises a plurality of corner blocks 10 substantially square in horizontal section and each provided on each of its four faces with a vertical dove-tail groove 11, as shown. Cooperating with the corner blocks 10 is a plurality of side members or blocks 12, each consisting of an elongated bar or strip, having at each end a vertical dove-tail projection 13 adapted and arranged to fit the grooves 11 in the blocks 10, as indicated in Fig. 1.

As shown, the side members 12 are unequal in height to the corner blocks 10 so that when arranged as indicated to form the corners and sides of an enclosure, the joints between the corner blocks will not register with the joints between the side members so that the side members exert a locking action with the

corner blocks, tending to maintain the corner blocks in vertical post relation.

Cooperating also with the corner blocks 10 is a plurality of combined filler and locking blocks 14 and 15 shaped to fit and fill the grooves 11, so that when the corner blocks are employed at an exterior corner of an enclosure the grooves in the outer faces thereof may be filled with the blocks 14 and 15 and the outer faces of said blocks thereby rendered smooth and flush and also interlocked with each other so as to reinforce the structure.

By this arrangement a simple and highly efficient set of building blocks is provided especially for the use and education of children which may be readily put together or assembled and which will interlock so as to give stability to the structure.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details disclosed, but desire to avail myself of such variations and modifications as fall within the scope of the appended claims.

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

1. Building blocks comprising a plurality of corner blocks, each having on each of its four faces a dove-tail vertical groove; a plurality of side members each provided at each end with a dove-tail projection to fit said grooves; and combined filler and locking blocks shaped to fit and fill the grooves in said corner blocks.

2. Building blocks comprising a plurality of corner blocks, each having on each of its four faces a dove-tail vertical groove; a plurality of side members each provided at each end with a dove-tail projection to fit said grooves, said side members having heights unequal to those of said corner blocks; and combined filler and locking blocks shaped to fit and fill the grooves in said corner blocks.

3. A corner building block having four faces, each provided with a dove-tail vertical

groove; and combined filler and locking blocks shaped to fit and fill the grooves in said corner block.

4. Corner building blocks adapted to be arranged one on top of the other and having four faces; each provided with a dove-tail vertical groove; and combined filler and locking blocks shaped to fit and fill the grooves in said corner blocks and of lengths to span the joints between said corner blocks.

In witness whereof, I have hereunto set my hand this 10 day of September, 1931.

NED BARCLEY FOX.

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