

M. BULISTER.
 MOVABLE BLOCK PUZZLE.
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1,415,625.

Patented May 9, 1922.

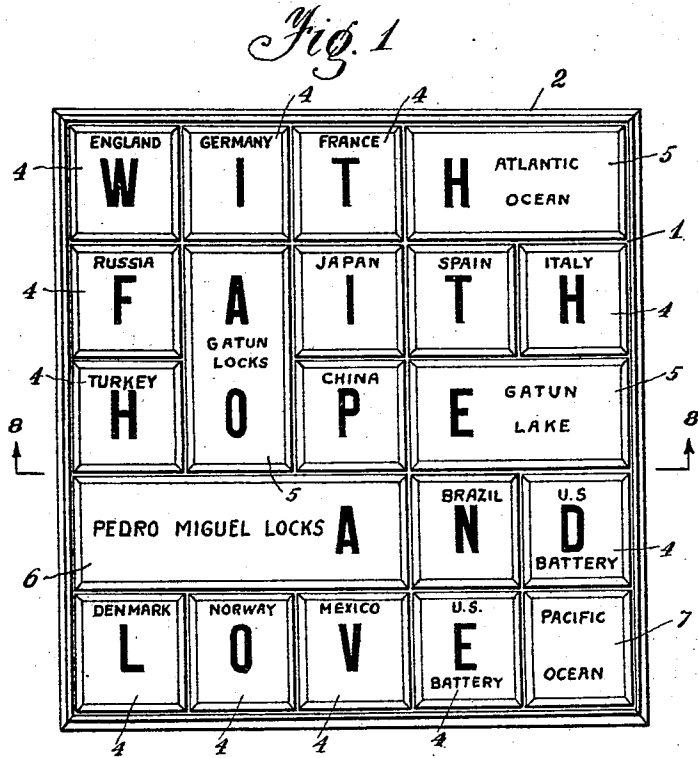


Fig. 2

Fig. 3

Fig. 4

Fig. 5

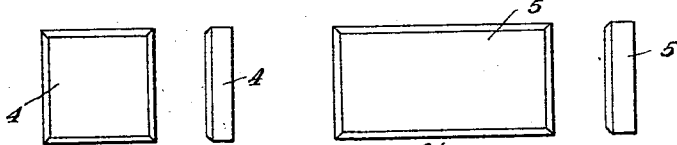


Fig. 6

Fig. 7

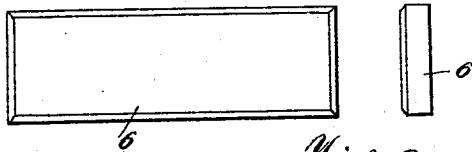
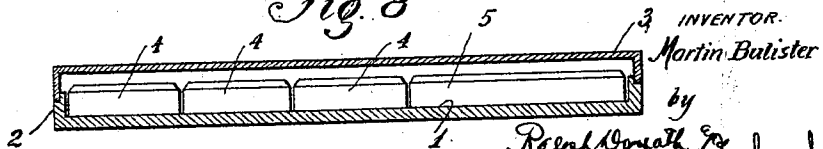


Fig. 8



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MARTIN BULISTER, OF PITTSBURGH, PENNSYLVANIA.

MOVABLE-BLOCK PUZZLE.

1,415,625.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MARTIN BULISTER, a citizen of the United States, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Movable-Block Puzzles, of which the following is a specification.

This invention relates to amusement devices and more especially to the class known as movable block puzzles. The principal object of this invention is to provide a device of simple construction and of low cost of manufacture allowing the playing of a plurality of games.

The invention consists of the construction and combination of parts to be more fully described hereafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, and in which the various elements composing the device are indicated in all figures by the same reference numbers.

Referring to the drawings:

Fig. 1 is a plan view of my block puzzle with the cover removed.

Fig. 2 is a plan view of the square blocks used in the device.

Fig. 3 is an end view corresponding to Figure 2.

Fig. 4 is a plan view showing one of the three blocks of intermediate size.

Fig. 5 is an end view corresponding to Figure 4.

Fig. 6 is a plan view of the largest block used in my device.

Fig. 7 is an end view thereof.

Fig. 8 is a cross-section through my block puzzle taken along line 8—8 of Figure 1.

Referring to the above mentioned figures my device consists of a square field 1 surrounded on all sides with a rim 2 formed to receive a cover 3 of suitable shape and depth. The field confined within the rim 2 is provided with fifteen square blocks 4, the sides of which are equal to substantially one-fifth the side of the field, three rectangular blocks 5 of equal width as the squares, but twice the length thereof and one rectangular block 6 also of equal width as the square blocks, but three times as long. A filler block 7 of equal dimensions as the square block 4 is also provided to fill up the remaining space in the field in order to prevent, during transport, the displacement or shifting of the blocks

when the latter are disposed in their required place in the field. When so arranged the letters printed on the blocks will read "With faith hope and love" and said words will be arranged in the manner fully illustrated in Figure 1.

If so desired, the various blocks may each be printed with the names of the countries they are supposed to represent when working the puzzle; thus, the three square blocks in the upper row will be made to represent respectively, England, Germany and France.

When provided with the arrangement of letters and countries shown in Figure 1, I call the puzzle the "Panama blockade" and, as a matter of additional information, I have also printed on the remaining blocks further important points of interest related to the Panama Canal, such as the Gatun Lock, Gatun Lake, Pedro Miguel Locks and the Atlantic Ocean. The lower right hand corner of the field is left open for the purpose of allowing the shifting of the blocks when working the puzzle and if desired may be made to represent the Pacific Ocean.

The puzzle is played in the following manner:

All the blocks in the field are arranged in the manner shown in Figure 1 so as to read "With faith hope and love." The filler block 7 is removed from the lower left hand corner so as to leave a blank space to enable the shifting of the blocks. The block representing the country which it is proposed to play, is now lifted out of its place and inserted in the aforementioned blank space. When in this position the object of the puzzle is to return the block representing the country being played in its original or normal position by the shifting, and not lifting, of the blocks in the minimum number of moves. For instance if the block "W" representing England is to be played, it is lifted out of its place in the upper left hand corner of the field, and placed in the lower right hand field, and by shifting the blocks either singly or in groups, the block "W" will gradually be advanced until it again reaches its normal position and the letters read again "With faith hope and love." The lowest number of moves in which this particular block can be played is sixty-one. In a similar manner the block "O" representing Norway, can be played in thirty-two moves. Letter "N," which stands for Brazil, can be played in seventy-two moves. Let-

ter L, representing Denmark, can be played in fifty-two moves and so forth. As will be understood it is possible to return the various blocks being played into their normal position in more moves than stated above, but the winner of the game is the one who can do it in the least number of moves.

When sold the puzzle is also furnished with a table giving the rules of the game and the minimum number of moves corresponding to each block so that the owner may compare the success of other players with best results obtainable.

Since the game is played only with the square blocks representing the various countries, it will be noted from Figure 1 that the number of puzzles which can so be played will amount to fifteen.

It is obvious that the wording on the puzzle may be varied at will without affecting the principle of the game and that there may be slight changes made in the construction and arrangement of the details of my invention without departing from the field and scope of the same and I intend to include all such variations as fall within the sphere of the appended claims in this application in which the preferred form only of my invention has been disclosed.

What I claim is:

1. A movable block puzzle of the character described comprising a square field and nineteen movable blocks; fifteen of said blocks being square and of equal size, three blocks rectangular having a width equal to the sides of said square blocks and a length equal to twice the side; and one rectangular block of equal width as the aforementioned blocks and a length equal to three times the width.

2. A movable block puzzle of the character described, comprising a square field confined within a raised rim and nineteen movable blocks having characters printed on the upper face thereof; fifteen of said blocks being square and of equal size, three blocks rectangular having a width equal to the sides of said square blocks and a length equal to twice the side; and one rectangular block of equal width as the aforementioned blocks and a length equal to three times the width.

3. A movable block puzzle of the character described, comprising a square field confined within a raised rim and nineteen movable blocks having characters printed on the upper face thereof; fifteen of said blocks being square and of equal size, three blocks rectangular having a width equal to the sides of said square blocks and a length equal to twice the side; and one rectangular block of equal width as the aforementioned blocks and a length equal to three times the width and one filler-block of equal size as aforementioned square blocks.

4. A movable block puzzle of the character described, comprising a square field confined within a raised rim, nineteen movable blocks; fifteen of said blocks being square and occupying each one-twenty fifth of the area of said field; three blocks of rectangular shape covering each substantially two-twenty fifths of the field and one block of rectangular shape covering substantially three-twenty fifths of said field; and one filler-block covering the remaining one-twenty fifth part of said field.

In testimony whereof I affix my signature.

MARTIN BULISTER.