No. 647,814. Patented Apr. 17, 1900.

D. DORR.

GAME APPARATUS.

(Application filed Feb. 8, 1900.)

(No Model.)

Fig. 1

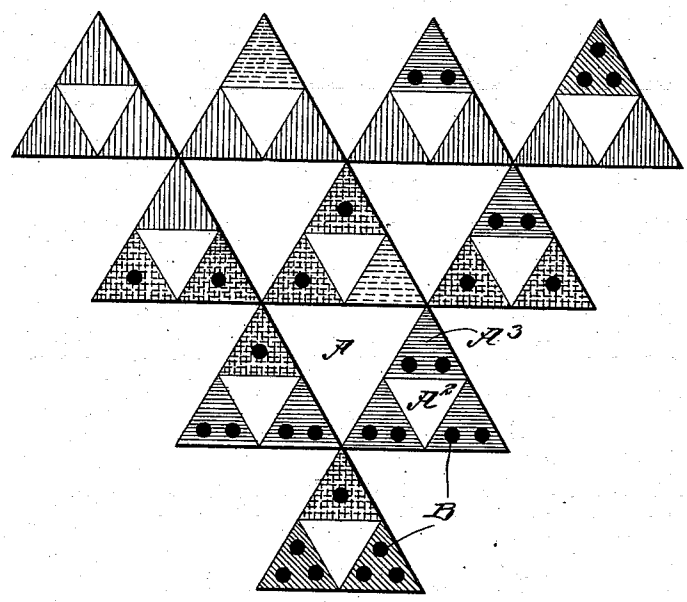


Fig. 2

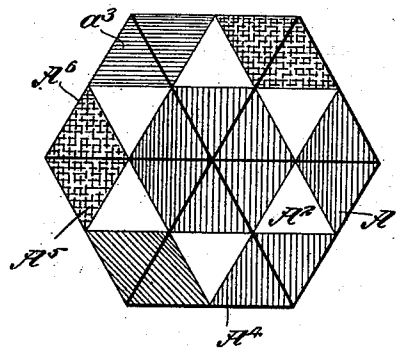


Fig. 4

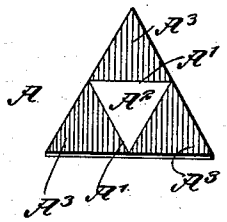
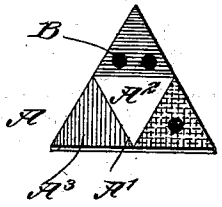


Fig. 3



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GAME APPARATUS.

SPECIFICATION forming part of Letters Patent No. 647,814, dated April 17, 1900.

Application filed February 8, 1900. Serial No. 4,487. (No model.)

To all whom it may concern:

Be it known that I, DALTON DORR, a citizen of the United States, and a resident of Cynwyd, in the county of Montgomery and State of Pennsylvania, have invented a new and Improved Game Apparatus, of which the following is a full, clear, and exact description.

My invention relates to a game apparatus in which triangular pieces are employed, said pieces having sections differing from each other in color or shade, so that a plurality of pieces may be arranged in a multiplicity of different manners to produce a great variety of geometrical designs; also, sometimes I combine with the above-mentioned feature an arrangement of pips or dots by which the blocks or pieces become adapted for use in a game similar to the well-known game of dominoes.

The invention will be fully described hereinafter and the features of novelty pointed out in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view showing some of my improved blocks. Fig. 2 shows a geometrical design formed of several of my improved blocks from which the pips or dots have been omitted; and Figs. 3 and 4 show one of the blocks separately, the block in Fig. 3 having dots or pips upon it, while the block shown in Fig. 4 is without them.

In carrying out my invention I make use of triangular blocks A, preferably in the shape of equilateral triangles, and by connecting the centers of each side by lines A′, which are parallel with the sides of the triangle, I form a center panel A^2 and three corner-panels A^3, all of which are triangular and in the case of an equilateral triangle identical with each other. The central panel A^2 is distinguished from the corner-panels A^3 generally by being of a different color. For instance, the central panel may be white, while the three corner-panels will in some blocks all be of the same color—say red—or of two different colors—say red and blue—as indicated for the block lettered A^4 in Fig. 2, or the three panels may each be of a different color—say red, blue, and yellow—as shown at A^5 in Fig. 2. Of course I am not limited to the use of four colors; but I may employ an additional color. Thus, for instance, the block A^6 in Fig. 2 has an additional color for one of the corner-sections a^3—for instance, green.

By placing the blocks together appropriately various designs may be obtained, such as a star-shaped design (shown in Fig. 2) and a great variety of others. The use of different colors enables me to obtain a still greater variety, as the same design may be reproduced with different distributions of colors.

My improved blocks may also be used in a game to be played by several persons, after the fashion of dominoes, by simply "matching" the blocks—that is, putting them together in such a manner that panels of like colors will be adjacent to each other, as in the design shown in Fig. 2. For this purpose the corner-panels A^3 may bear dots or pips B, as shown in Figs. 1 and 3, panels of the same color containing the same number of pips. These dots will be arranged in various combinations, and when the maximum number of dots appearing on one of the panels is limited to three the entire game will employ twenty-four blocks. It will be seen that the central panel A^2 does not contain any dots, so that the several sets of dots appearing on one block are clearly separated from each other and the blocks are readily distinguishable.

While I have shown the central panel A^2 and corner-panels A^3 formed by lines connecting the centers of the sides of the triangle, it will be obvious that a similar block adapted more or less for use for the same purpose might be obtained by arbitrarily selecting a point on each of the sides of the triangle and connecting these three points to form a central panel and corner-panels.

Having now described my invention, I claim as new and desire to secure by Letters Patent—

1. A block for a game apparatus, said block being of triangular form and having a central panel in the shape of a triangle, the corners of which are upon the edges of the block, and triangular corner-panels.

2. A block for a game apparatus, said block

being triangular in shape and having a central panel in the shape of a triangle, the corners of which are upon the edges of the block, and corner-panels differing in color or shade from the central panel.

3. A block for a game apparatus, said block being triangular in shape and having a central panel in the shape of a triangle, the corners of which are upon the edges of the block, and corner-panels differing in color or shade from the central panel, and also differing in color and shade among themselves.

4. A block for a game apparatus, said block being triangular in shape and having a central triangular panel, the corners of which are upon the edges of the block, and corner-panels, and dots or pips located upon sundry of said panels.

5. A block for a game apparatus, said block being triangular in shape and having a central triangular panel, the corners of which are upon the edges of the block, and corner-panels, and dots or pips located upon the corner-panels, substantially as described.

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

DALTON DORR.

Witnesses:
HUGO MICHAELIS,
THOMAS FREEMAN.