J. M. LESTER.

GAME APPARATUS.

APPLICATION FILED FEB. 6, 1918.

1,290,761.

Patented Jan. 7, 1919.

3 SHEETS—SHEET 1.

Fig. 1.

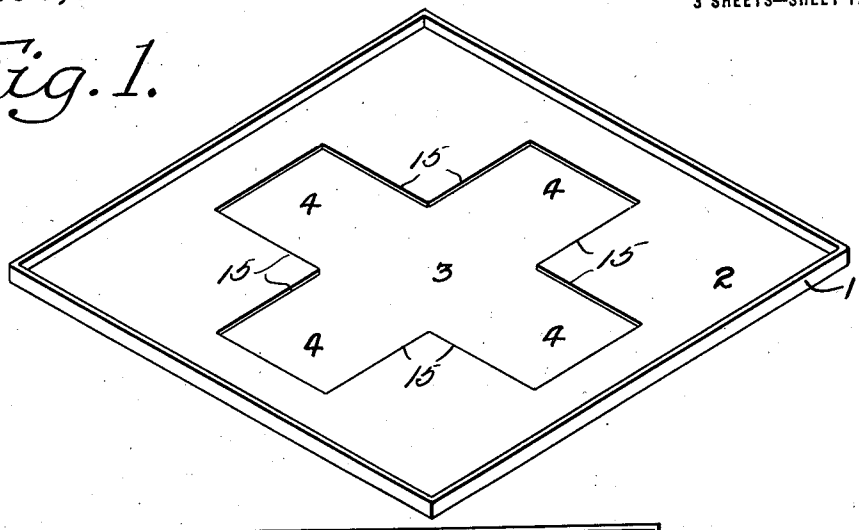


Fig. 2.

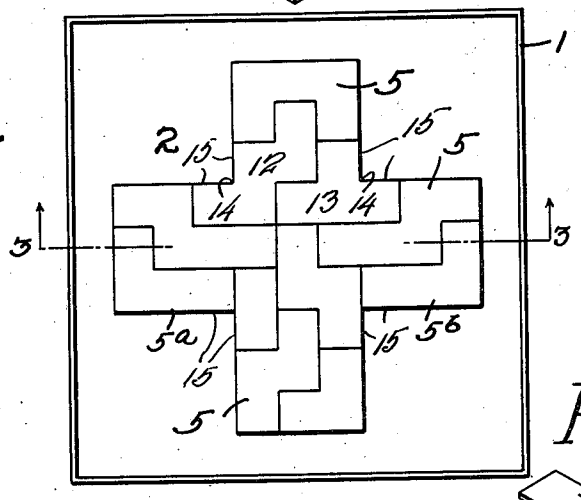
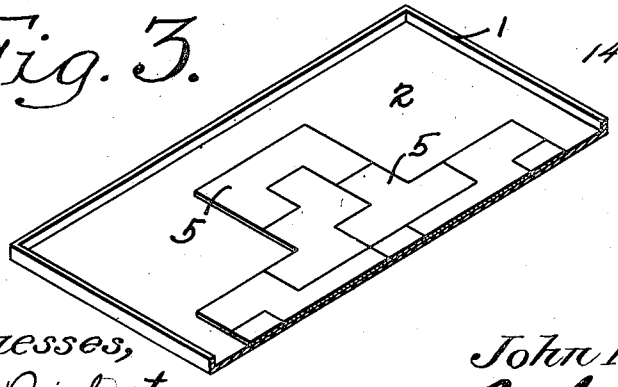


Fig. 4.



Fig. 3.



Witnesses,
C. C. Reichart
M. A. Inglar

Inventor,
John M. Lester,
By Joshua R. H. Potts
his Attorney

J. M. LESTER.

GAME APPARATUS.

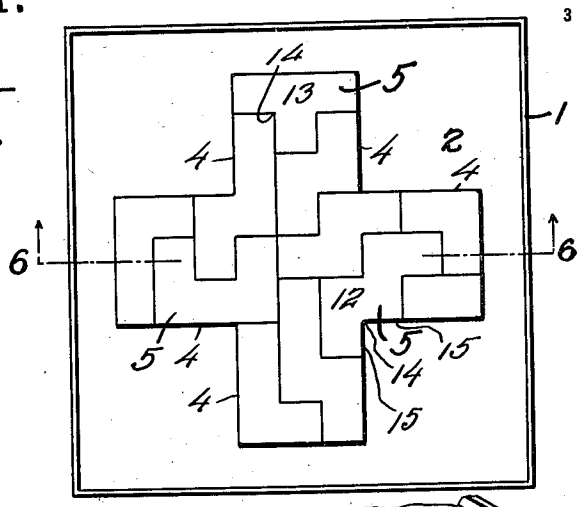
APPLICATION FILED FEB. 6, 1918.

1,290,761.

Patented Jan. 7, 1919.

3 SHEETS—SHEET 2.

Fig. 5.



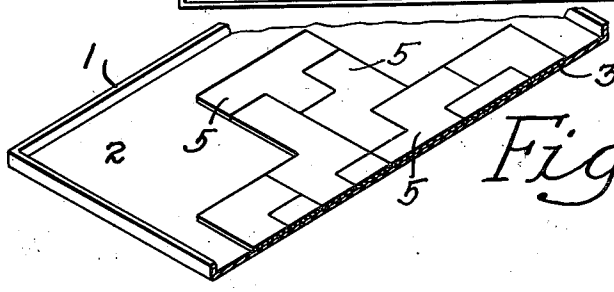
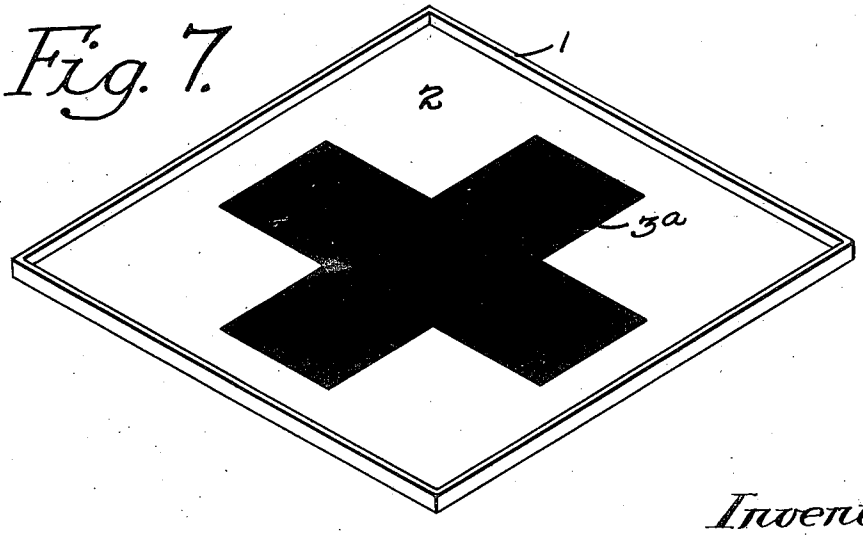


Fig. 6.

Fig. 7.



Witnesses,
E. E. Reichart
M. A. Inglas

Inventor;
John M. Lester,
By Joshua R. H. Potts
his Attorney

J. M. LESTER.

GAME APPARATUS.

APPLICATION FILED FEB. 6, 1918.

1,290,761.

Patented Jan. 7, 1919.

3 SHEETS—SHEET 3.

Fig. 8.

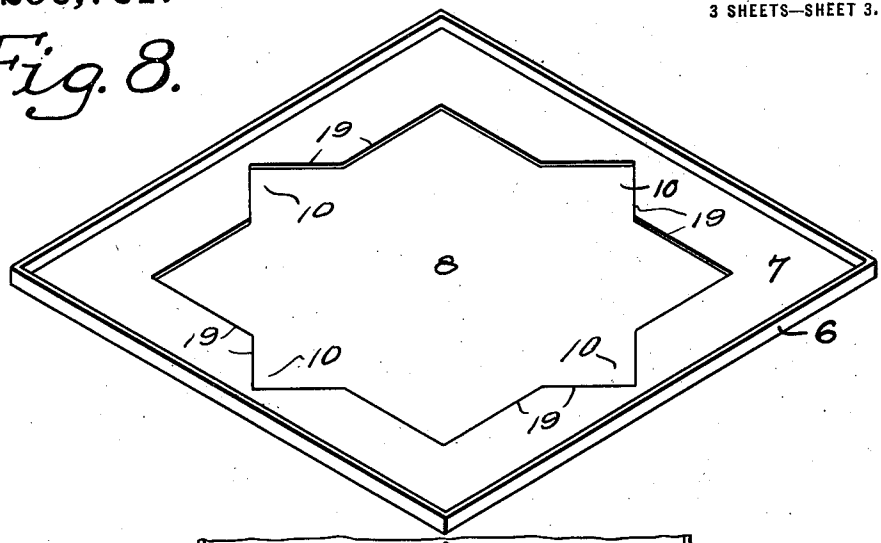


Fig. 9.

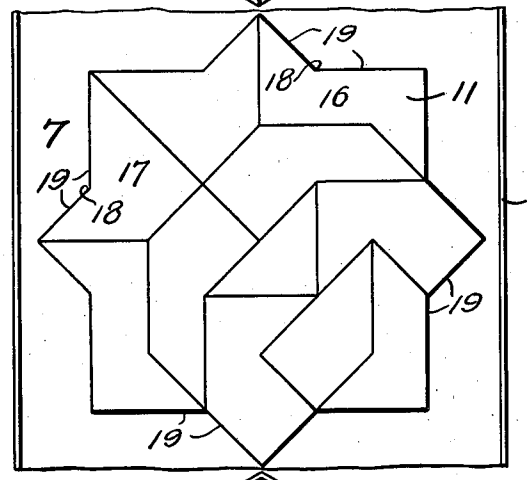
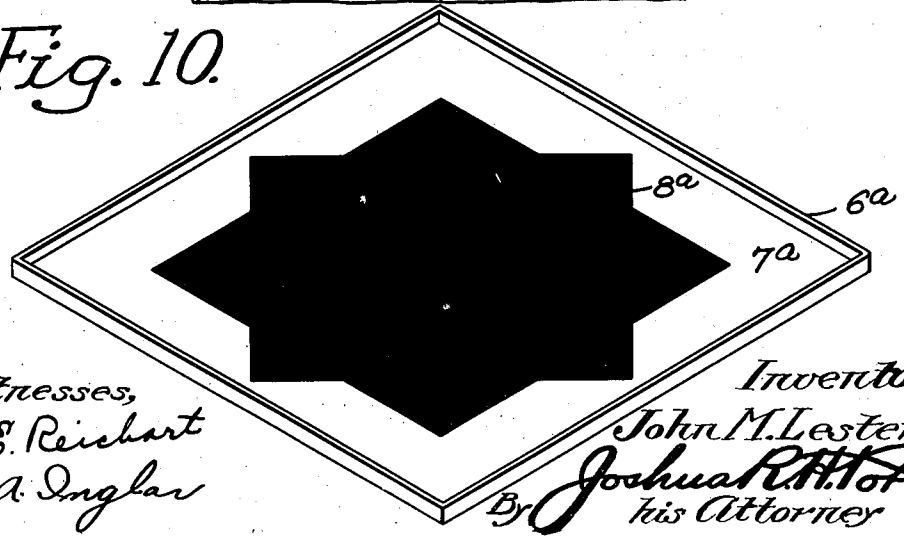


Fig. 10.



Witnesses,
E. E. Reichart
M. A. Inglar

Inventor;
John M. Lester;
By Joshua R. H. Potts
his Attorney

UNITED STATES PATENT OFFICE.

JOHN MILNER LESTER, OF PHILADELPHIA, PENNSYLVANIA.

GAME APPARATUS.

1,290,761. Specification of Letters Patent. Patented Jan. 7, 1919.

Application filed February 6, 1918. Serial No. 215,569.

To all whom it may concern:

Be it known that I, JOHN M. LESTER, a subject of the King of Great Britain, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Game Apparatus, of which the following is a specification.

One object of my invention is to provide a game of the type known as "puzzles," the problem of the game being to arrange a predetermined number of pieces of various shapes and sizes in such manner as to correspond with or entirely cover a figure, marking, or other representation which has extensions or projections.

Another object is to so construct my invention that it will be interesting but will require good judgment and patience to enable the player to secure the desired result.

A still further object is to so construct my invention that it can be manufactured and sold at a comparatively low cost.

These objects, and other advantageous ends which will be described hereinafter, I attain in the following manner, reference being had to the accompanying drawings in which

Figure 1 is a perspective view of a tray having a recessed figure thereon which forms a part of my invention,

Fig. 2 is a top plan view of the tray shown in Fig. 1 showing how said figure can be covered by pieces of various shapes and sizes,

Fig. 3 is a sectional perspective view taken on the line 3—3 of Fig. 2,

Fig. 4 is a perspective view of one of the pieces shown in Figs. 2 and 3,

Fig. 5 is a view of similar nature to Fig. 2 showing an arrangement of the pieces which forms a second solution to the problem of covering said figure,

Fig. 6 is a sectional perspective view taken on the line 6—6 of Fig. 5,

Fig. 7 is a view of similar nature to Fig. 1 with the exception that instead of forming a recessed marking I have shown the figure in the form of a marking which can be printed or stamped directly on a flat surface, such as the bottom of the tray illustrated,

Fig. 8 is a perspective view showing a modification in the form of a recessed figure,

Fig. 9 is a top plan view, partly broken away, showing the arrangement of pieces capable of covering the figure shown in the tray of Fig. 8,

Fig. 10 is a view of similar nature to Fig. 8 but instead of showing a recessed figure the figure is produced by forming a marking by printing, stamping, or otherwise, on the bottom of the tray.

Referring to Figs. 1 to 7, inclusive, 1 represents a tray having a bottom 2 with a recessed pattern figure 3 therein. The figure 3 includes angular extensions or projections 4. A number of pieces 5 of various shapes, as clearly illustrated in Figs. 2 to 6, inclusive, will, if arranged in certain positions, form a figure corresponding to the figure 3 in the tray 1. The pieces 5 are preferably made of card board and if desired one surface of each of the pieces can be colored or covered with colored paper so as to indicate that the pieces are to be arranged with the colored surfaces uppermost. Certain of these pieces 5, for example the pieces specifically numbered 12 and 13, have recesses 14 corresponding in contour to the indentations 15 in said pattern figure, said indentations being produced by the joining of the edges of the extensions 4.

Figs. 2 and 5 show two different arrangements of the pieces which will entirely cover the figure 3 in the tray 1 or a corresponding figure 3^a, as shown in Fig. 7. I preferably shape the pieces as illustrated, and while certain of the pieces appear to be similar, for example the pieces 5^a and 5^b, it will be noted that if only one surface is to be uppermost, as above described, that these pieces will not be interchangeable. Thus the problem is rendered more difficult to solve.

In Figs. 1 to 7, inclusive, the figure or marking to be covered is in the form of a cross having the four extensions 4, as above described.

In Figs. 8 and 9, I have shown a tray 6 having a base 7 with a recessed pattern figure 8, the outer contour of said figure 8 being in the form of a star with angular extensions or projections 10. Fig. 9 shows how said figure 8 can be completely covered by the arrangement of pieces 11 of various shapes and sizes. Certain of these pieces 11, for example the pieces specifically numbered 16 and 17, have recesses 18 corresponding in contour to the indentations 19 in said pattern figure 8, said indentations being produced by the joining of the edges of the extensions 10.

In Fig. 10, instead of having the figure 8 in the form of a recess I have shown a corresponding figure 8^a which can be produced by printing or otherwise marking the same on the base 7^a of the tray 6^a.

While the solution of the above mentioned problems appears simple, nevertheless, to one not knowing the arrangement of the pieces, it is not obvious and produces an extremely interesting puzzle game.

While I have described my invention as taking a particular form, it will be understood that the various parts of my invention may be changed without departing from the spirit thereof, and hence I do not limit myself to the precise construction set forth, but consider that I am at liberty to make such changes and alterations as fairly come within the scope of the appended claims.

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

1. A puzzle game apparatus including a base with a pattern figure thereon having lateral extensions; and a plurality of pieces of various shapes certain of which having recesses corresponding in contour to indentations in said pattern figure produced by the joining of the edges of said extensions, the face surface area of said pieces in aggregate being equal to the area of said figure, said pieces being adapted to be positioned on said figure so as to completely cover the same and correspond to the shape thereof, substantially as described.

2. A puzzle game apparatus including a base with a pattern figure thereon having lateral angular extensions; and a plurality of pieces of various shapes certain of which having recesses corresponding in contour to indentations in said pattern figure produced by the joining of the edges of said extensions, the face surface area of said pieces in aggregate being equal to the area of said figure, said pieces being adapted to be positioned on said figure so as to completely cover the same and correspond to the shape thereof, substantially as described.

3. A puzzle game apparatus including a recessed base providing a pattern figure having lateral angular extensions; and a plurality of pieces of various shapes certain of which having recesses corresponding in contour to indentations in said pattern figure produced by the joining of the edges of said extensions, the face surface area of said pieces in aggregate being equal to the area of said figure, said pieces being adapted to be positioned on said figure so as to completely cover the same and correspond to the shape thereof, substantially as described.

4. A puzzle game apparatus including a base with a pattern figure thereon having lateral extensions; and a plurality of pieces of various shapes certain of which having recesses corresponding in contour to indentations in said pattern figure produced by the joining of the edges of said extensions, the face surface area of said pieces in aggregate being equal to the area of said figure, said pieces being adapted to be positioned on said figure in a number of different arrangements so as to completely cover the same and correspond to the shape thereof, substantially as described.

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

JOHN MILNER LESTER.

Witnesses:

AUGUSTUS B. COPPES,

CHAS. E. POTTS.