

No. 646,463.

F. A. SCHOSSOW.  
PUZZLE.

Patented Apr. 3, 1900.

(Application filed May 19, 1899.)

(No Model.)

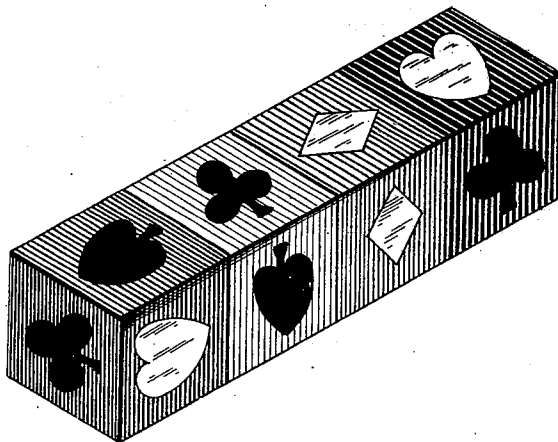


Fig. 1.

Fig. 2.

HEART	CLUB	SPADE	DIAMOND
DIAMOND	DIAMOND	CLUB	SPADE
CLUB	SPADE	HEART	HEART
SPADE	HEARTS	DIAMOND	CLUB

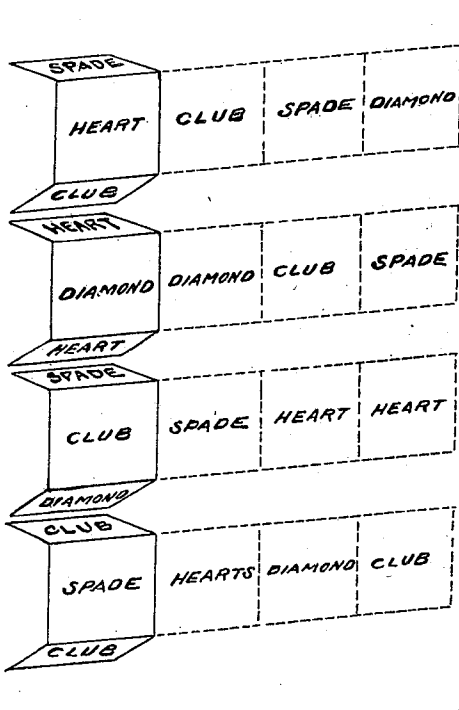


Fig. 3.

WITNESSES.

Frank Duval.  
Estella Smith

INVENTOR.

Frederick A. Schossow

By Fisk & Thomas

Attorneys.

# UNITED STATES PATENT OFFICE.

FREDERICK A. SCHOSSOW, OF DETROIT, MICHIGAN.

## PUZZLE.

SPECIFICATION forming part of Letters Patent No. 646,463, dated April 8, 1900.

Application filed May 19, 1899. Serial No. 717,404. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK A. SCHOSSOW, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Puzzles; and I declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention has for its object a puzzle consisting of a series of cubes having certain arbitrary characters formed thereon, which when properly assembled in a single row will present the whole series of each of the four sides.

In the drawings, Figure 1 is a perspective view showing the cubes assembled in a row. Fig. 2 is a diagrammatic view showing all four sides of the cubes when assembled in a single row. Fig. 3 is a diagrammatic view of a row of blocks, showing the arrangement of characters on all four sides of the assembled row and also the characters on the ends of each block.

Referring to the drawings, it will be noticed that the several cubes have marked upon them certain characters, preferably the four suits employed in ordinary playing-cards, the object of the game being to so arrange the cubes with reference to each other that when assembled in a row a character representing each suit will be exposed on each of the four sides. The obstacles placed in the way of readily accomplishing this result consists in so arranging the characters upon the blocks that it admits of only one or a limited number of solutions, as may be desired, to make the puzzle more or less difficult to solve.

I prefer that each of the blocks be of a different color, as a player having once solved the problem of grouping necessary to secure the characters in consecutive order the color will assist him in remembering the arrangement. The different colors also cause the puzzle to present a more pleasing appearance, though they are not essential to the game.

It is evident that the cubes or blocks may be made of paper stiff enough to support itself in the form of the blocks when folded,

or the characters may be printed on paper to be wrapped around suitable blocks.

In constructing the puzzle I prefer to arrange the several characters with reference to each other as shown in the drawings, which also shows the solution. It is believed that by the arrangement shown only one solution is possible; but it is of course apparent that other arrangements of the several characters might be employed which would admit of more than one solution and still come within the scope of my invention.

What I claim is—

1. A puzzle consisting of a series of blocks each having on each side one of a series of characters, the characters being so arranged on the sides of each block that the blocks may be placed in a row and present on each of the sides of the row a series of the characters in which no one character is duplicated, substantially as described.

2. A puzzle consisting of a series of blocks, each having on each side one of a series of characters, the characters being so arranged on the sides of each block that the blocks may be placed in a row and present on each of the sides of the row an arbitrary arrangement of the characters, substantially as described.

3. A puzzle consisting of a series of blocks, each having on each side one of a series of characters, known as "spades," "clubs," "diamonds," "hearts," the characters being so arranged on the sides of each block that the blocks may be placed in a row and present on each of the sides of the row a series of the characters in which no one character is duplicated, substantially as described.

4. A puzzle consisting of a series of blocks, each having on each side one of a series of characters, the characters so arranged on the sides of each block that the blocks may be placed in a row and present on each of the sides of the row the whole series of characters, substantially as described.

In testimony whereof I sign this specification in the presence of two witnesses.

FREDERICK A. SCHOSSOW.

Witnesses:

S. E. THOMAS,  
FRANK DREWE.