

E. NELSON.  
PUZZLE.

No. 588,705.

Patented Aug. 24, 1897.

FIG. 1.

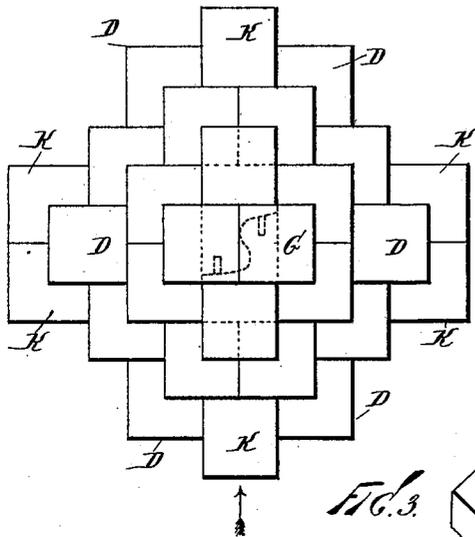


FIG. 12.

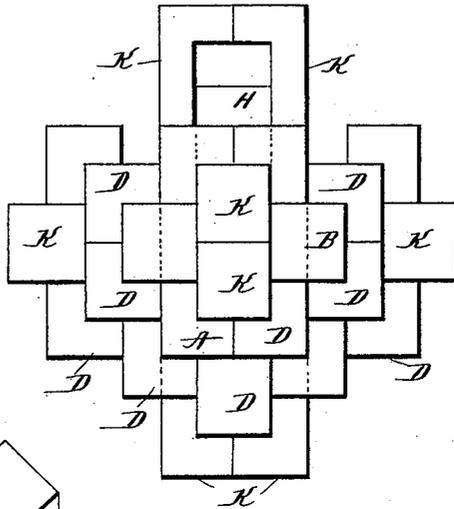


FIG. 3.

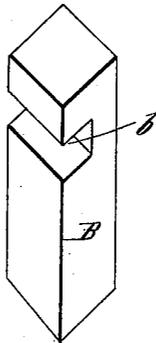


FIG. 2.

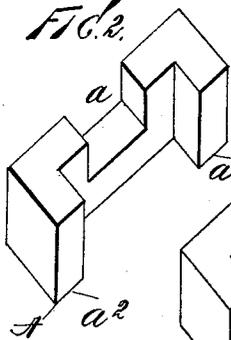


FIG. 4.

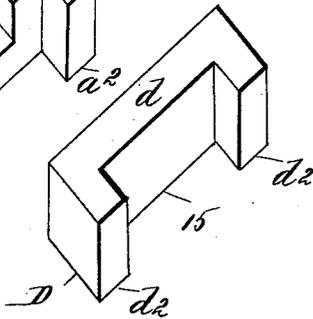


FIG. 5.

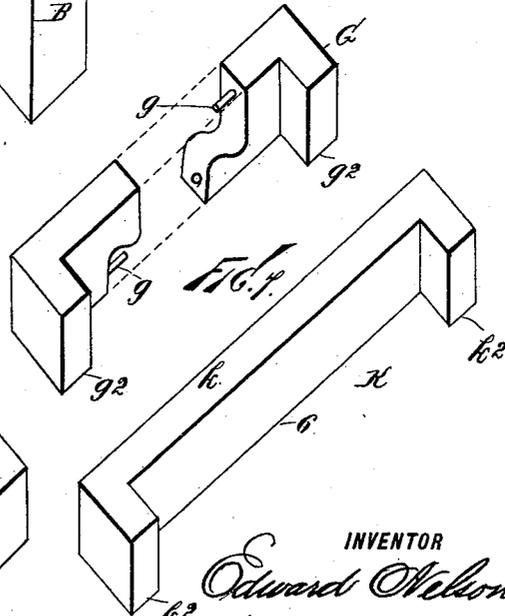
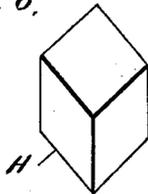


FIG. 6.



WITNESSES

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INVENTOR

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FIG. 8.

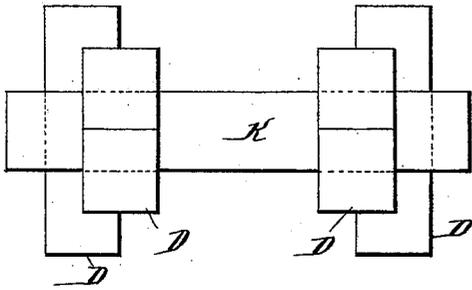


FIG. 9.

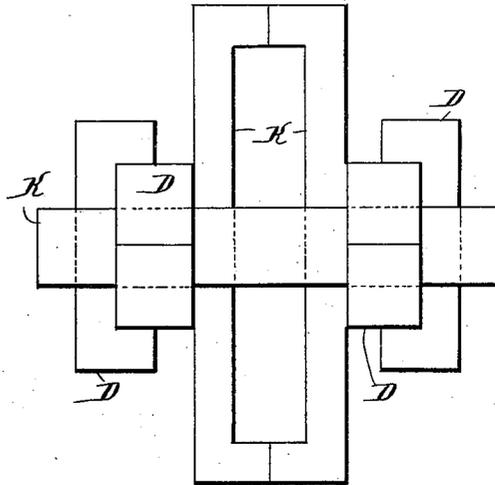


FIG. 10.

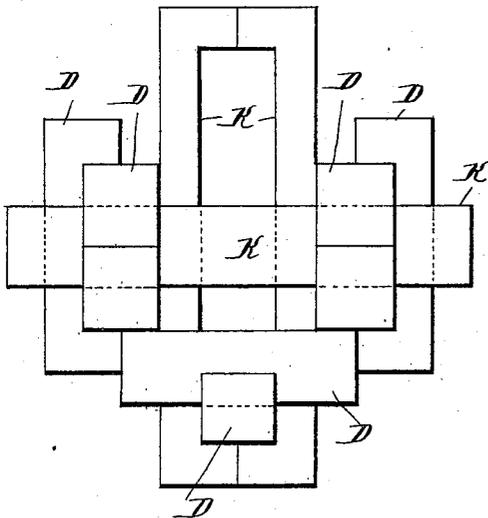
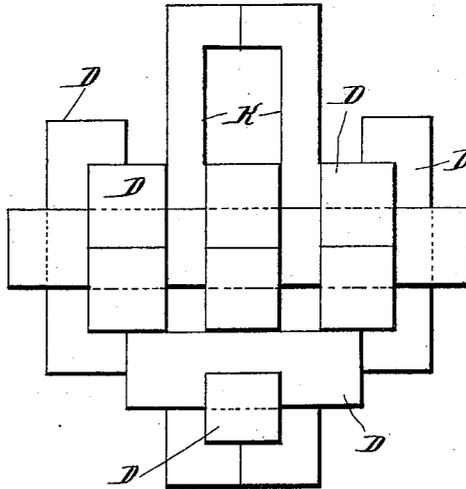


FIG. 11.



WITNESSES

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# UNITED STATES PATENT OFFICE.

EDWARD NELSON, OF JERSEY CITY, NEW JERSEY.

## PUZZLE.

SPECIFICATION forming part of Letters Patent No. 588,705, dated August 24, 1897.

Application filed November 21, 1896. Serial No. 612,920. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD NELSON, a subject of the King of Sweden and Norway, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Puzzles, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to puzzle-blocks, and the object thereof is to provide an improved device of this class which comprises twenty-five separate pieces, which are of six different styles and which are so formed that when properly connected in the solution of the puzzle a block will be formed which is provided with six similar sides.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a side view of my improved puzzle-block. Figs. 2, 3, 4, 5, 6, and 7 are perspective views of the different styles of pieces which compose said block, one of said pieces being composed of two separate similar sections; and Figs. 8, 9, 10, 11, and 12 are views showing the various stages in the process of putting the pieces together to form the block.

In the drawings forming part of this specification the separate parts of my improved puzzle are designated by letters of reference, and in the practice of my invention I provide a puzzle-block which comprises twenty-five separate pieces, said separate pieces being shown at A, B, D, G, H, and K in Figs. 2 to 7, inclusive, and in practice I also employ fifteen of the pieces D and six of the pieces K and one of each of the others.

It will be observed that the pieces D and K are the same in style, the only difference being that the pieces K are longer than the pieces D, and these long pieces K constitute what I call the "central" pieces of the block.

The piece G, which is composed of two similar parts, constitutes the key-block and is divided transversely of its central portion,

the division-cut being irregular in form and somewhat similar to an ogee curve, and each of said pieces is provided with a pin *g*, which is adapted to enter a corresponding hole formed in the other piece.

The pieces D and K consist of rectangular body portions *d* and *k*, respectively, and each is provided at its opposite ends with shoulders or projections *d*<sup>2</sup> and *k*<sup>2</sup>, respectively, and the piece A is provided centrally with a transverse notch or recess *a* and with shoulders or projections *a*<sup>2</sup> similar to those on the pieces D and K, while the piece B consists of an oblong rectangular block, adjacent to one end of which is formed a transverse notch or recess *b*, and the piece G is also provided with similar shoulders or projections *g*<sup>2</sup>, while the piece H is square in form.

The process of putting the separate parts together to form the block shown in Fig. 1 is illustrated in Figs. 11 and 12, and it will be readily understood from said figures, and although the putting together of these pieces to form the block is very difficult it may be accomplished by the exercise of care, skill, and ingenuity in the manipulation thereof.

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

The herein-described puzzle-block, comprising one piece as A, one piece as B, fifteen pieces as D, one piece as G, one piece as H, and six pieces as K, said piece A, being provided centrally with a transverse notch or recess *a*, and with shoulders or projections *a*<sup>2</sup>, and said piece B, being rectangular and oblong in form, and provided adjacent to one end with a transverse notch or recess *b*, each of said pieces D, being rectangular in form, and provided at its opposite ends with shoulders *d*<sup>2</sup>, each of said pieces K being similar in form to the said pieces D, except that the body portions of said pieces K are longer than the body portions of the said pieces D, and provided with shoulders *k*<sup>2</sup>, said piece G being composed of two similar parts, and divided transversely of the central portion, the division-cut thereof being irregular in form and similar to an ogee curve, and each of

said parts being provided with a pin *g*, which is adapted to enter a corresponding hole formed in the other part, and each part being provided with a shoulder *g*<sup>2</sup>, and said piece  
5 H, being rectangular in form all being combined substantially as shown and described.  
In testimony that I claim the foregoing as

my invention I have signed my name, in presence of the subscribing witnesses, this 19th day of November, 1896.

EDWARD NELSON.

Witnesses:

CHARLES S. ROGERS,  
A. L. PICKARD.