

Jan. 31, 1928.

E. BISHOP

1,657,736

STAR AND CROSS PUZZLE

Filed Nov. 23, 1926

FIG. 1.

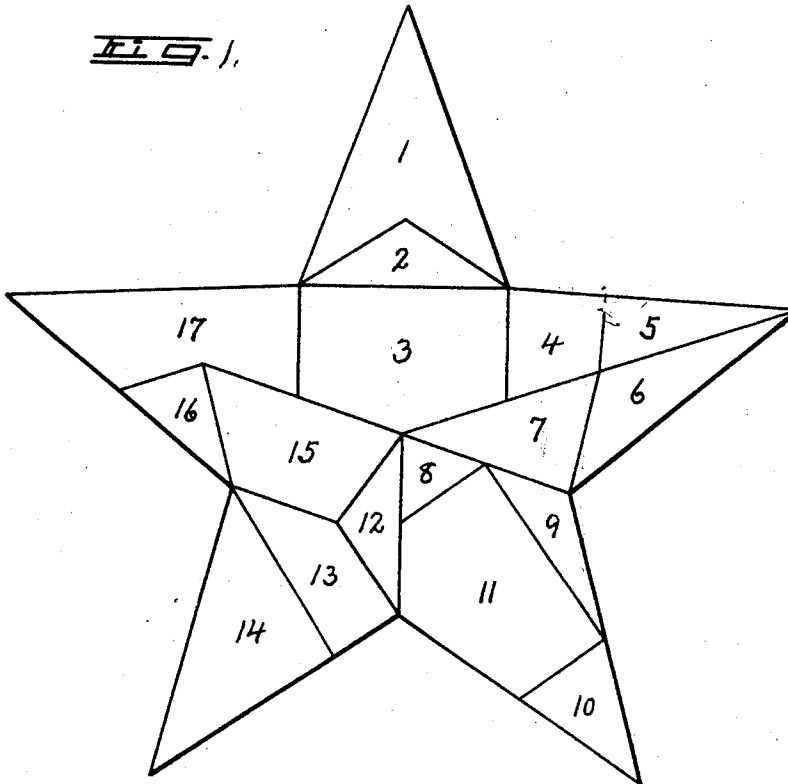
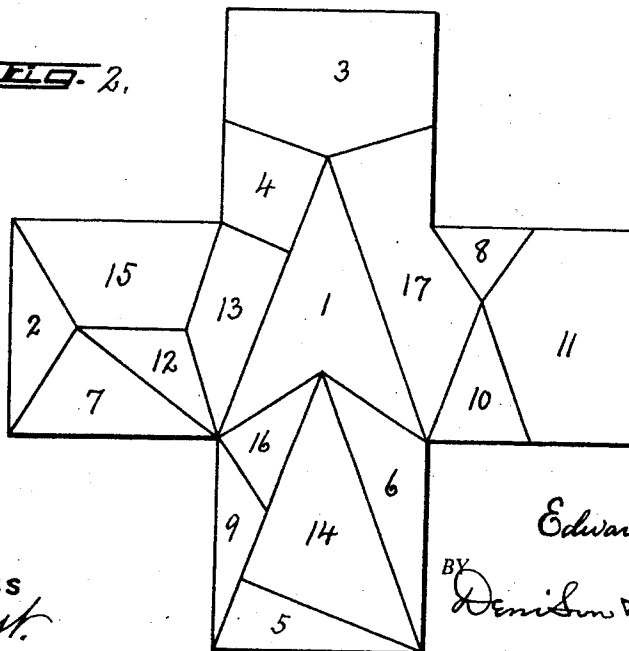


FIG. 2.



WITNESS
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STAR AND CROSS PUZZLE.

Application filed November 23, 1926. Serial No. 150,247.

This invention relates to a puzzle involving the use of a considerable number of (in this instance seventeen) dissimilar flat pieces of cardboard or other suitable material capable of being assembled edge to edge in different relations to form different symmetrical designs such, for example, as a true star and a true cross.

The entire set of pieces is furnished to the trade in promiscuous assembly and the object is to arrange them edge to edge in such relation as to form at least two different symmetrical designs such as a true star and a true cross, without the use of any previously cut patterns.

Other objects and uses will be brought out in the following description.

In the drawings:—

Figure 1 is a first view of a complete set of pieces assembled in such relation as to form a true star.

Figure 2 is a face view of the same set of pieces arranged in such relation as to form a true cross.

As illustrated, each design comprises a set of seventeen dissimilar pieces of flat cardboard or equivalent material numbered in sequence from one to seventeen inclusive.

These pieces are furnished to the trade or user in promiscuous assembly to be arranged edge to edge in such relation as to form a

star as shown in Figure 1 and a cross as shown in Figure 2, all of the pieces being used for each design but in different relation.

Owing to the dissimilarity of the several pieces of the set it is evident that when they are selected from a promiscuous assembly it will be quite difficult to arrange them edge to edge so as to form either the true star shown in Figure 1 or the true cross shown in Figure 2 but by careful study of the various forms of the set the arrangement into the designs shown can be accomplished without painful exertion so that the puzzle becomes a pleasant pastime and a source of entertainment for other.

In fact by having two or three sets in any social gathering the several sets may be used in contests of speed of assembly of the pieces of the several sets in their respective symmetrical designs.

What I claim is:—

A seventeen piece puzzle comprising ten triangles, three pentagons, two trapeziums, one trapezoid and one quadrilateral which, when placed together edgewise, will form a plurality of geometrical figures including a true cross and a true star.

In witness whereof I have hereunto set my hand this 18 day of November, 1926.

EDWARD BISHOP.