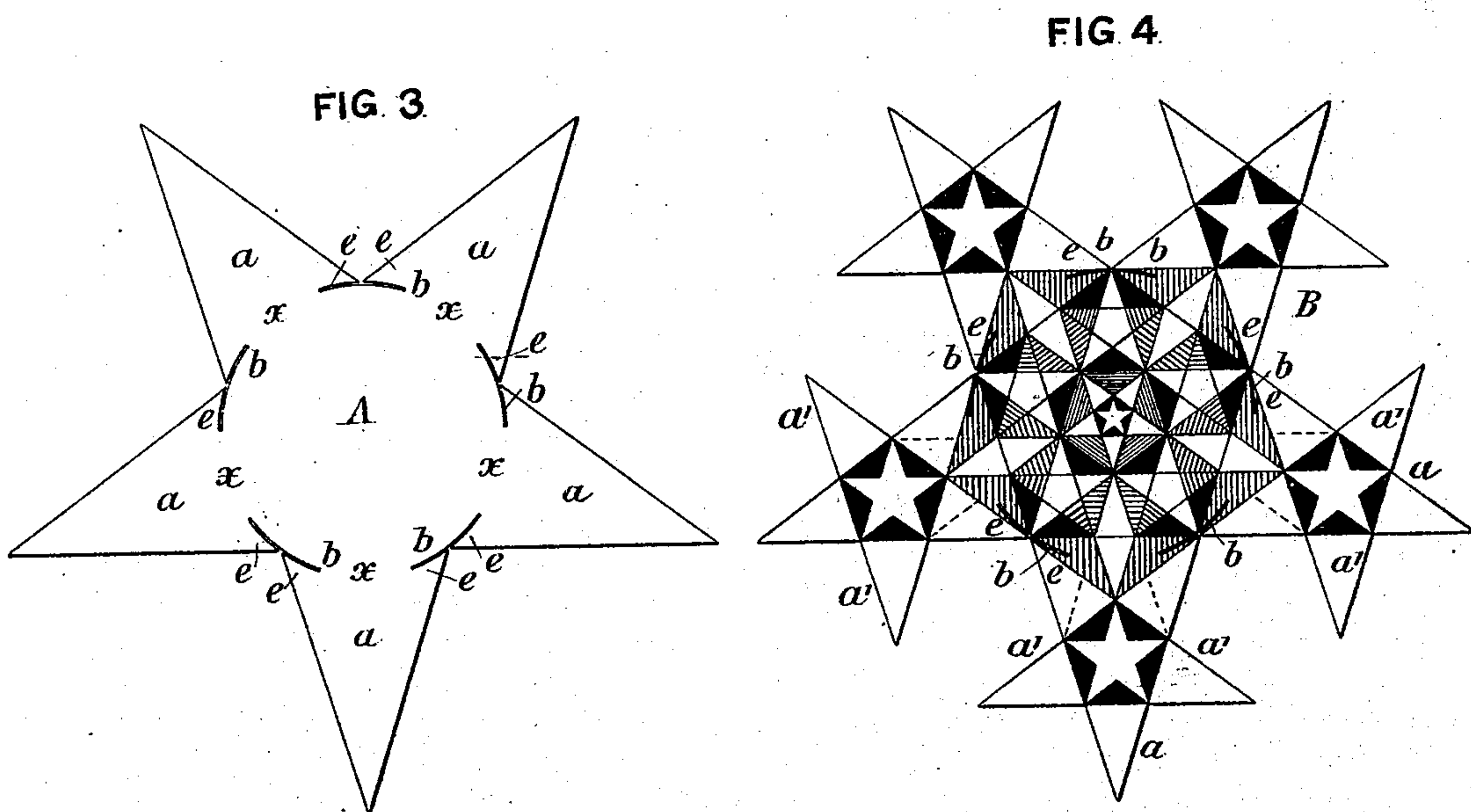
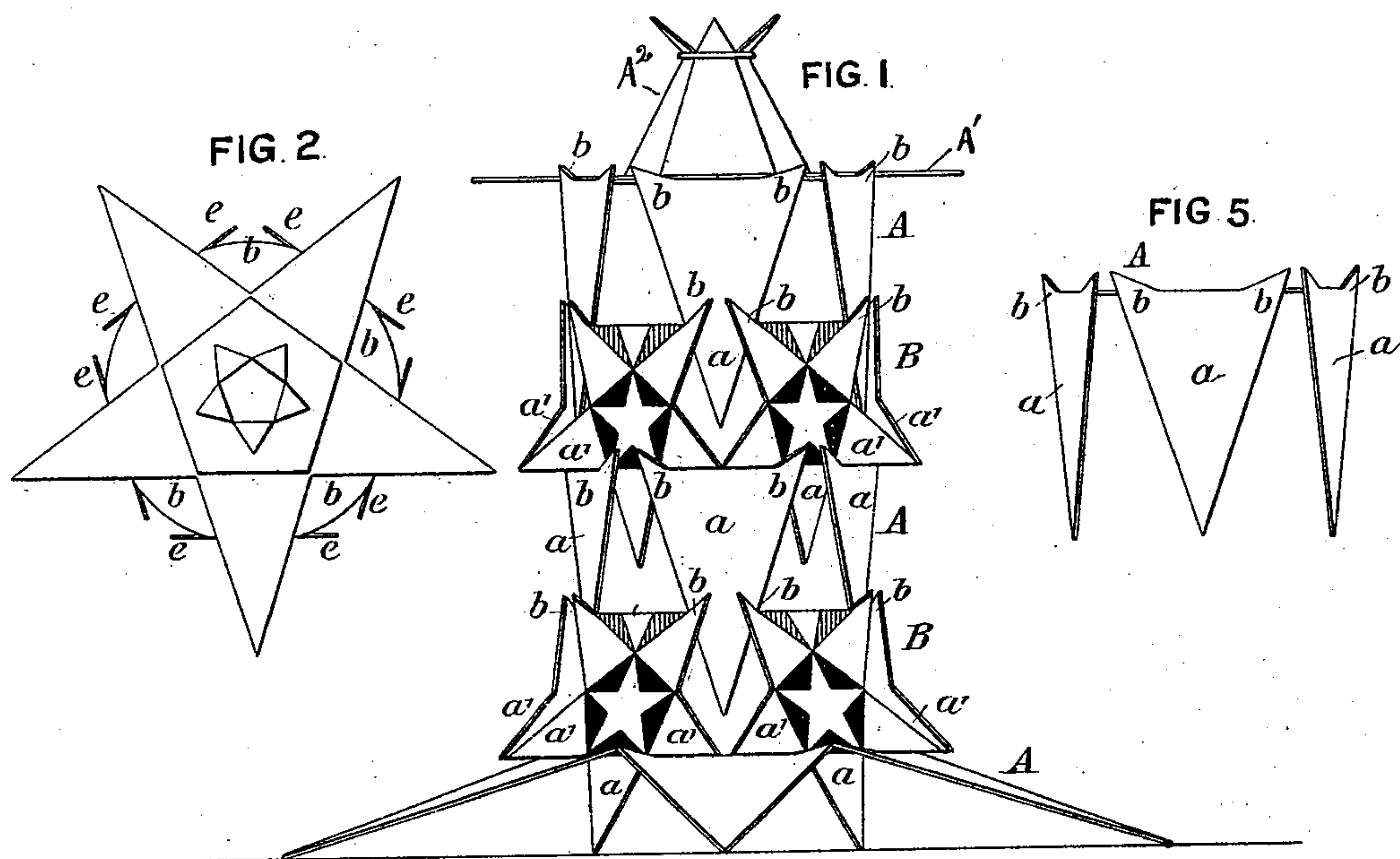


(No Model.)

H. S. KERR.
KNOCKDOWN TOY.

No. 518,067.

Patented Apr. 10, 1894.



WITNESSES

Hamilton D. Turner
Frank Bechtold

INVENTOR
Hugh S. Kerr
By his Attorneys

Howson & Howson

UNITED STATES PATENT OFFICE.

HUGH S. KERR, OF PHILADELPHIA, PENNSYLVANIA.

KNOCKDOWN TOY.

SPECIFICATION forming part of Letters Patent No. 518,067, dated April 10, 1894.

Application filed January 19, 1894. Serial No. 497,893. (No model.)

To all whom it may concern:

Be it known that I, HUGH S. KERR, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain
5 Improvements in Knockdown Toys, of which the following is a specification.

The object of my invention is to make a knock down toy of card board or sheet metal in sections having the form of a star, so that
10 when the several sections are placed in position one above another they will form an ornamental tower which will be attractive to children and which will require a certain amount of skill to build.

15 In the accompanying drawings:—Figure 1, is a side view of a tower constructed of the several sections. Fig. 2 is a plan view of the tower. Fig. 3, is a view of one of the sections spread out. Fig. 4, is a view of another section spread out; and Fig. 5, is a view of the
20 section shown in Fig. 3, folded.

While I prefer to make the sections of moderately thick card board that they can be bent without breaking, they may be made of
25 sheet tin, brass or other pliable material.

Referring to Fig. 3, A is the body of the section projecting from which are five triangular portions *a* shaped to represent with the body portion a five pointed star. Incisions
30 *b* are made at the junction of the triangular portions and the body, as shown in Fig. 3, and may be of any depth desired. When the triangular portions are bent down on the line *a* so that all the points will project at right
35 angles to the body as shown in Fig. 5, the distortion of the body portion and the several triangular sections is prevented as the bend is on a straight line from one incision to the other. The points *e*, which are formed by
40 the incisions, project as shown so that the points of an adjoining star can be readily inserted in the incisions *b*, as shown in Fig. 1; the points being tapered can be forced down until their edges rest against the ends of the
45 incisions, thus making a firm support; one after another of the star shaped sections can be bent and mounted as shown in Fig. 1, and a moderately high tower can thus be formed. The triangular points of the stars shown in
50 Fig. 3, can be further ornamented by projecting from each side points *a'* (Fig. 4) which form with the extreme ends of the points *a*, the three points of a star, the other points being indicated by printing or impressing the card. The section can be further or-

namented by a series of small stars printed on the body portion as shown on the section B in Fig. 4, and incisions may be made so as to project one or more points. In the present instance, as shown in Figs. 1 and 2, I
60 form a special top piece for the tower securing three star shaped pieces together, the lower section A being bent down so as to engage with the section below it, the intermediate section A' being made perfectly flat
65 and the points of the upper section A² are bent toward each other and the extreme ends of the points are bent outward. In order to hold the points of the section A² in position I pass a rubber band or cord around the
70 bunched points, as shown in Fig. 1. This top section may be altered without departing from the main feature of my invention. The sections can be stamped out of card board and sold in numbers in the flat condition so
75 as to take up very little room yet when the tower is made it will be quite bulky and ornamental. The sections may be made in different colors and ornamented in any manner desirable and the blanks for the sections may
80 be made in sheets suitably printed so that the designs can be readily cut out and the proper incisions made.

I claim as my invention—

1. A star shaped section of a knock down
85 toy having incisions at the junction of the triangular portions with the body, substantially as described.

2. The combination in a knock down toy, of the star shaped sections, each section con-
90 sisting of the central body portion A and triangular projecting portions *a* having points *e* at the base of each triangular portion made by incisions, substantially as described.

3. The combination of the star shaped section A having incisions at the junction of
95 the base and the points, the section B, star shaped at each point having projections *a'* forming the two points of a star which are printed upon the said section, the points of
100 one section being adapted to the incisions in an adjoining section to make a tower, substantially as described.

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

HUGH S. KERR.

Witnesses:

WILLIAM A. BARR,
JOSEPH H. KLEIN.