

(No Model.)

A. O. CARMAN.
PAPER BOX.

No. 559,050.

Patented Apr. 28, 1896.

Fig. 1.

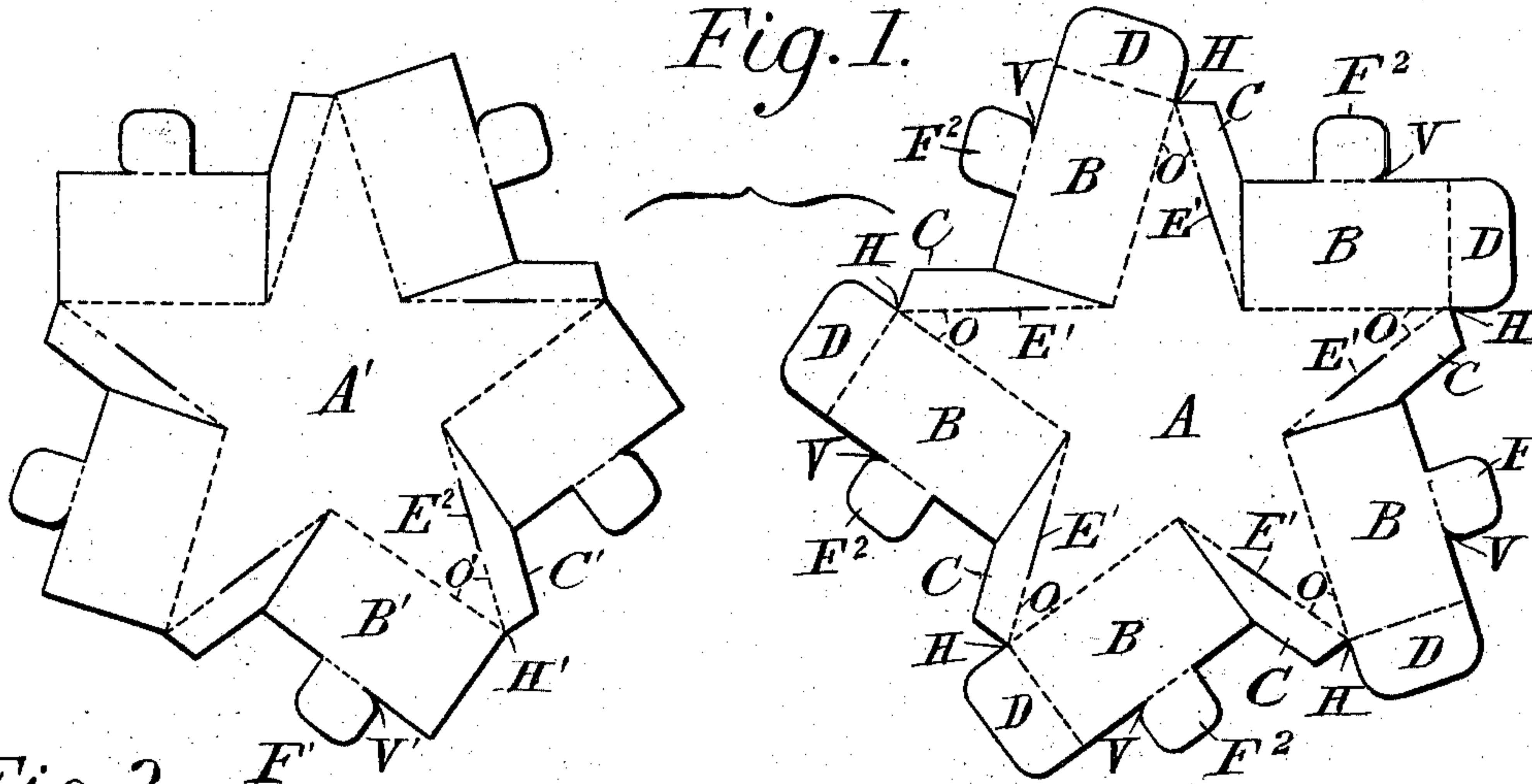


Fig. 2.

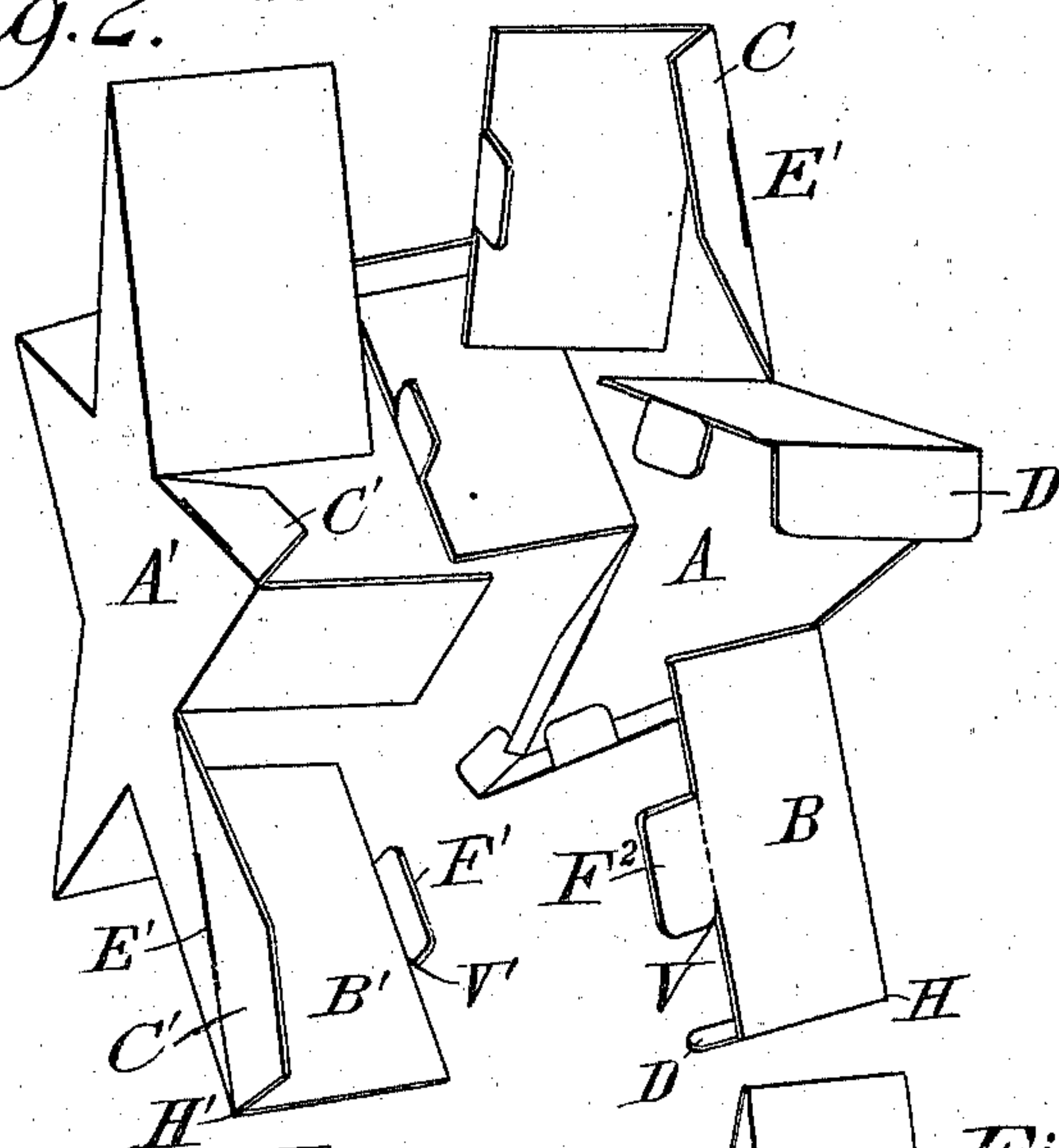


Fig. 3.

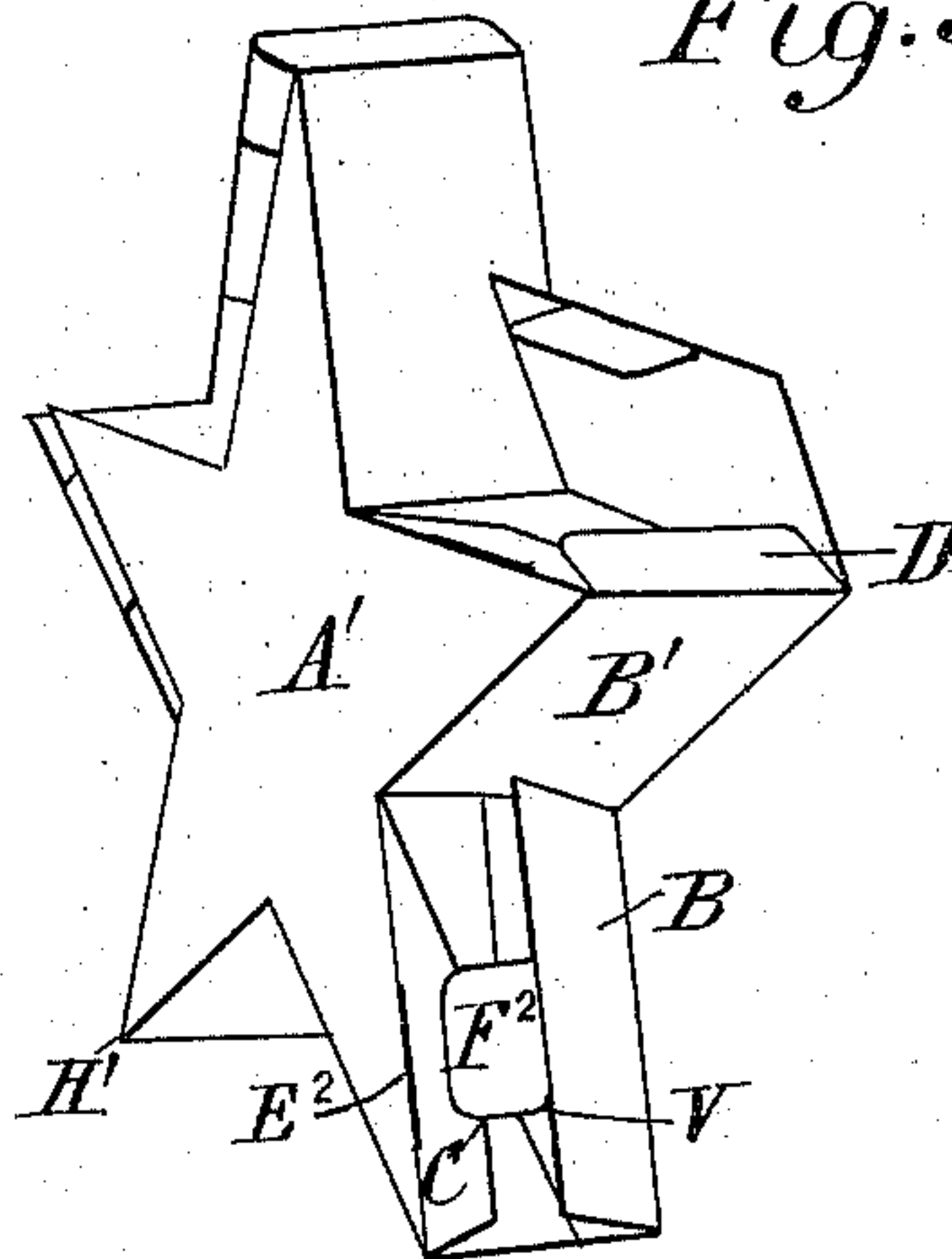


Fig. 4.

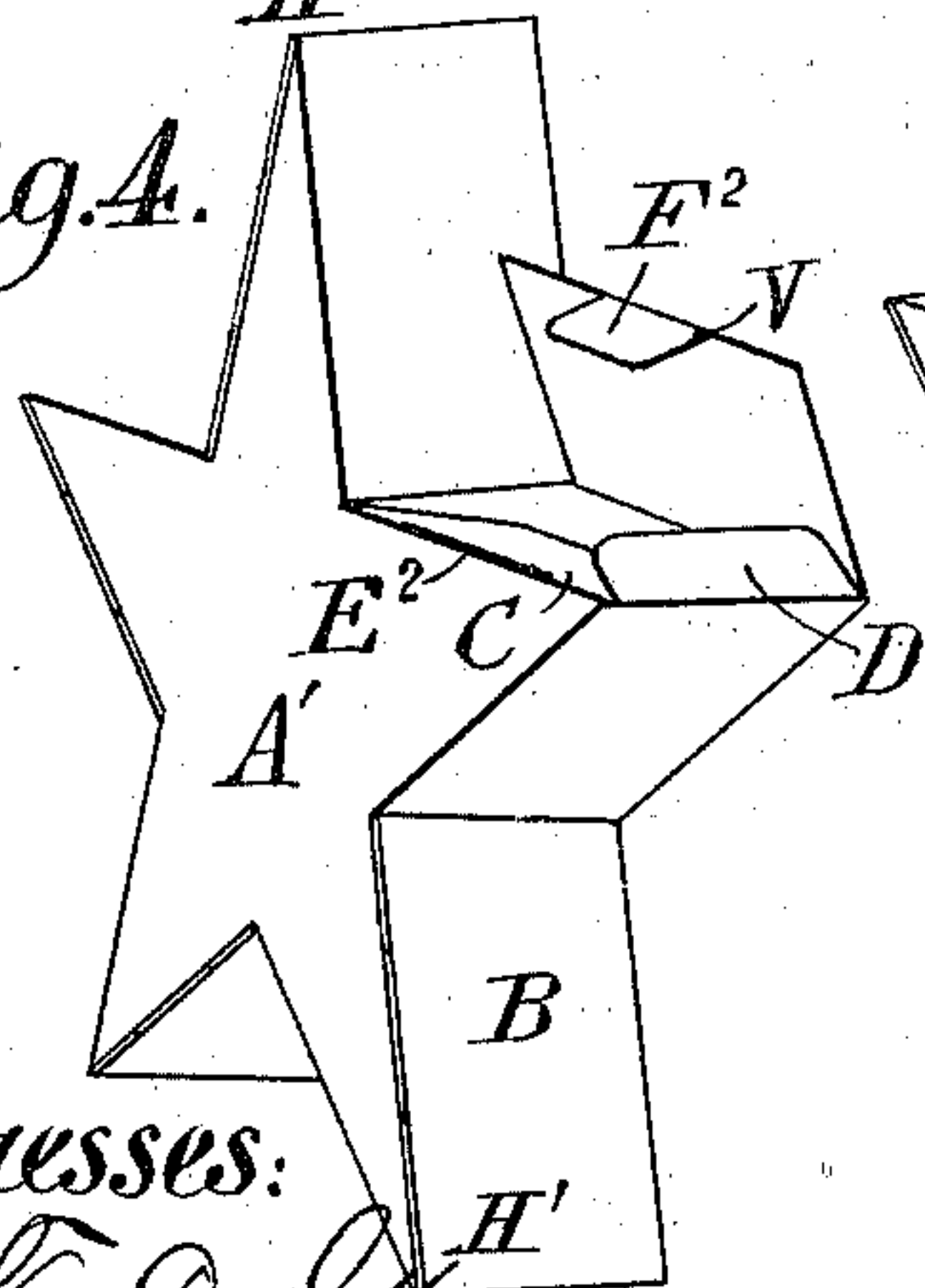


Fig. 5.

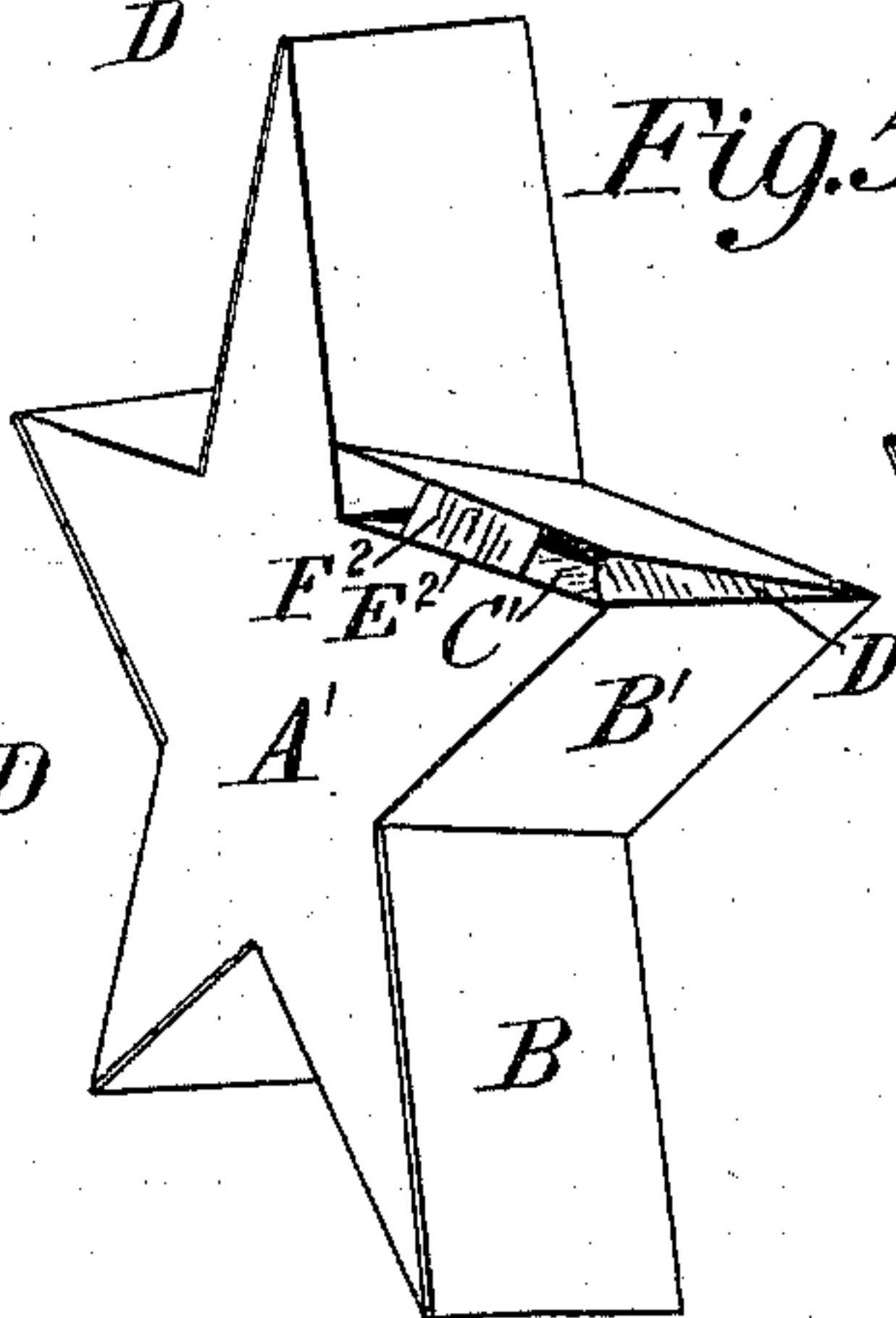
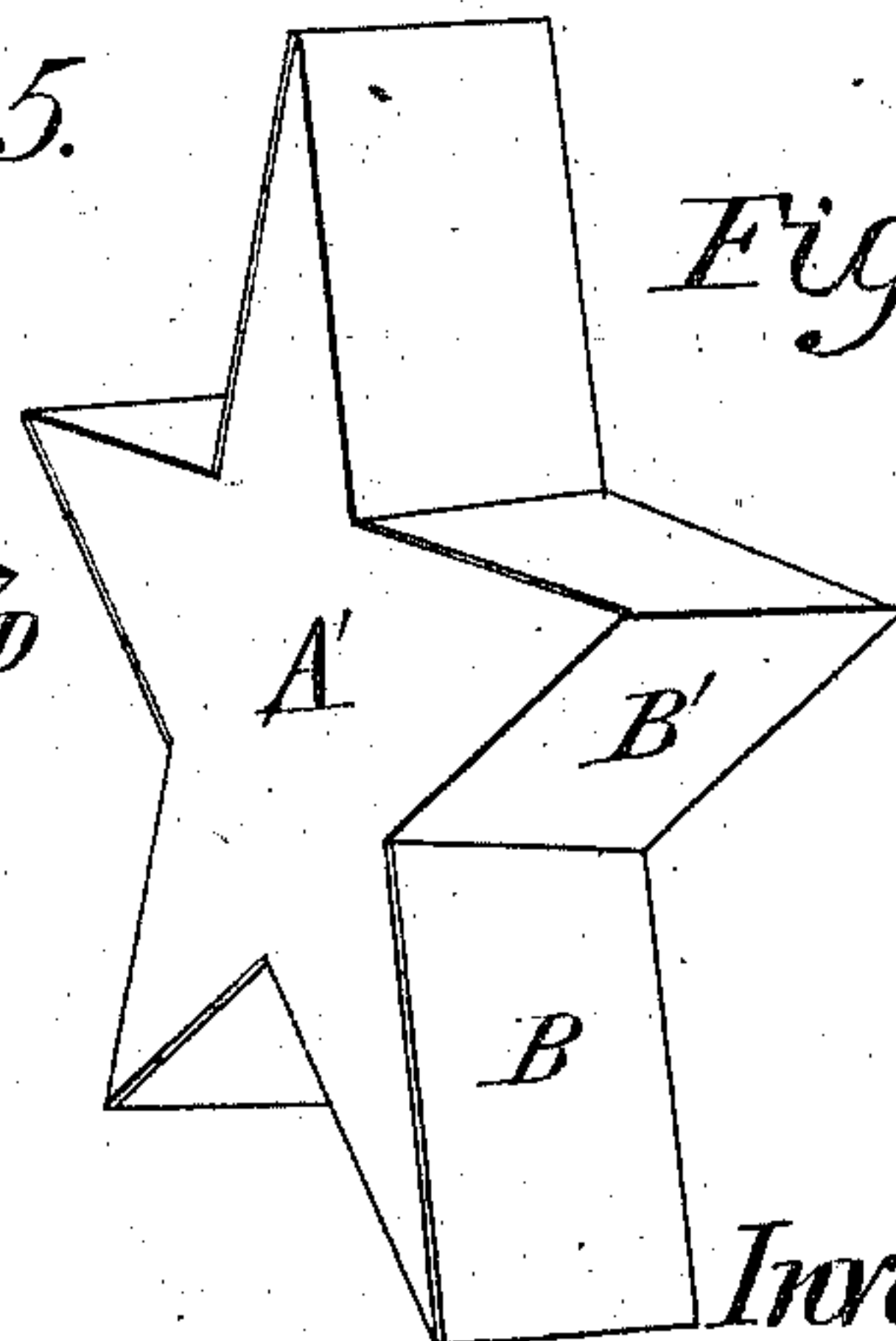


Fig. 6.



Witnesses:

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UNITED STATES PATENT OFFICE.

ALVIN O. CARMAN, OF MAPLE RAPIDS, MICHIGAN.

PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 559,050, dated April 28, 1896.

Application filed May 25, 1895. Serial No. 550,662. (No model.)

To all whom it may concern:

Be it known that I, ALVIN O. CARMAN, a citizen of the United States, residing at Maple Rapids, in the county of Clinton and State of Michigan, have invented certain new and useful Improvements in Paper Boxes; and I do hereby 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 appertains to make and use the same.

My invention relates to the construction of cheap and unique paper boxes adapted to contain confectioneries and is applicable to other articles.

To the above purposes my invention consists in two five-pointed star-shaped blanks with flaps, lapels, and tuck-clasps and corresponding perforated slots adapted to receive and fasten the said tuck-clasps in their folded relations.

My invention also consists in certain peculiar and novel features of construction and arrangement, as hereinafter described and claimed.

In order that my invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is a plan of the material in the sheet before it is folded. Fig. 2 is a vertical view of the same, showing the material folded. Fig. 3 shows the folded sheets in their relative positions partly joined together. Fig. 4 is a perspective view with one of the sections open. Fig. 5 is the same nearly closed. Fig. 6 is a perspective view of the star box closed.

In the said drawings, A A' designate the face of the star-shaped blank, and B B' the flaps that constitute the edges of the star box, while C C' are the under flaps that make a brace which stiffens one side of the points of the star-shaped blank A A', besides being adapted as a fastener.

F' F² represent the tuck-clasps that are adapted to engage with the slots E' E², situated in the folds of flaps C C', while the hooks V V' at the side and base of tuck-clasps F' F² are adapted to interlock with the outer end of the slots E' E², fastening each section securely.

D is the lapel that folds back from the flap B', forming a lining at each star-point.

In the foregoing cuts it will be seen that this star box is composed of two star-shaped blanks of suitable material, formed and designed as follows: In an ordinary five-pointed star H H' are the points of said star, while O O' form the marginal lines, Fig. 1. Lying parallel with one side of each star-point is a rectangular flap B B', the length of which extends from the point H H' to the base of the next triangular star-point, leaving an oblong angular flap C C' lying parallel with the side of the star-point opposite to that of the rectangular flaps B B', and with the flaps B B' folded at right angles with the plane of star-point, and the said tuck-clasps F' F² folded at right angles with the plane of the flap B B'; also the flap C C', folded at right angles with the plane of star-point, and lapels D extending from the outer end of the rectangular flaps B B', folded to the desired angle in conjunction with the star-points.

By inverting the face sides of the two star-shaped blanks A A', permitting their extending flaps to lap by each other in pairs, and by inserting the tuck-clasps F' F² into the corresponding slots E' E² and in finding their normal positions, the notches V V' will hook into the outer corners of slots E' E², making a complete star box, that will keep its position without the use of cohesives.

It can be seen that slight changes can be made in the form of the parts of this device without a departure from the spirit or exceeding the scope of my invention. Hence I do not wish to restrict myself to the exact forms herein shown; but,

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

1. In a paper box the combination of two star-shaped blanks with a rectangular flap attached to one side of each point of star-shaped blanks, an oblong angular flap attached to the other side of the point of said star-shaped blanks, to form the sectional sides of the star box and means for interlocking the two said blanks, substantially as described and shown.

2. A star box consisting of two star-shaped blanks, with rectangular and oblong angular flaps, with lapels D attached to the outer end of the rectangular flaps of one of the star-

shaped blanks, substantially as described in combination with tuck-clasps $F' F^2$, provided with a catch-hook at the sides, adapted to engage with and interlock in the slots $E' E^2$, substantially for the purpose specified.

3. In a star-folding paper box, the combination, of two star-shaped blanks, provided with rectangular flaps, oblong angular flaps with slots, tuck-clasps with interlocking hooks
10 to engage with said slots and a lapel for each

point of said star box, substantially as and for the purpose set forth.

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

ALVIN O. CARMAN.

Witnesses:

F. D. GROOM,

E. L. CARMAN.