

E. TURNER.

CAP.

APPLICATION FILED JULY 20, 1910.

1,026,479.

Patented May 14, 1912.

2 SHEETS-SHEET 1.

Fig. 1

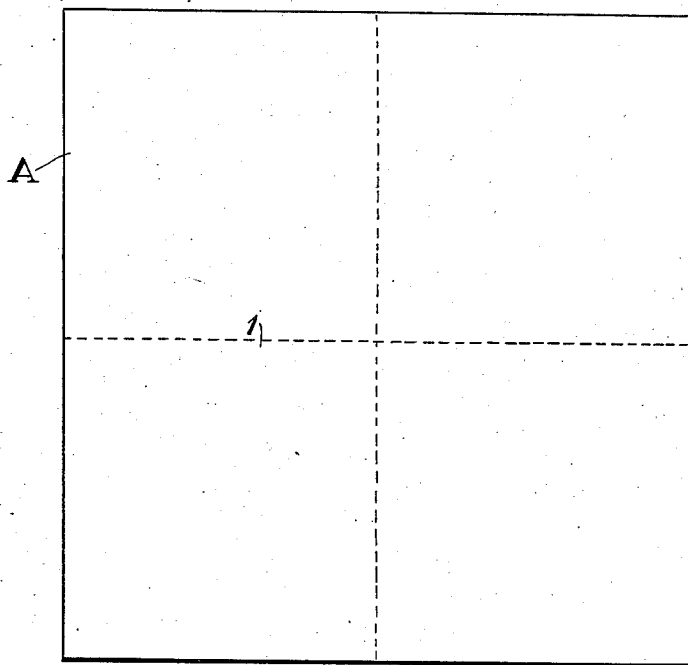


Fig. 2

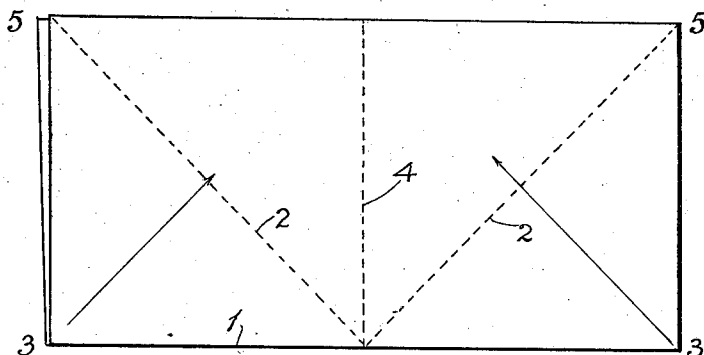
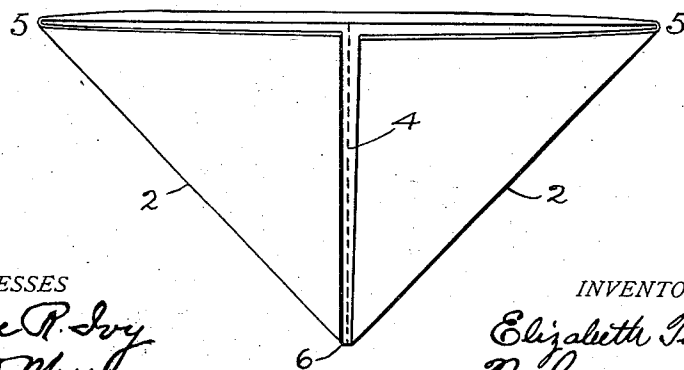


Fig. 3



WITNESSES

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2 SHEETS-SHEET 2.

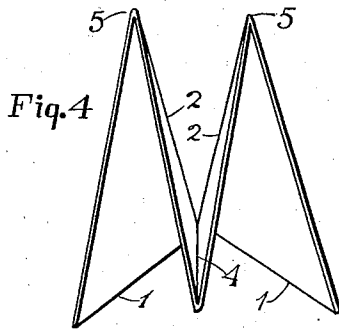


Fig. 5

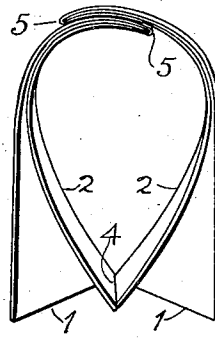


Fig. 6

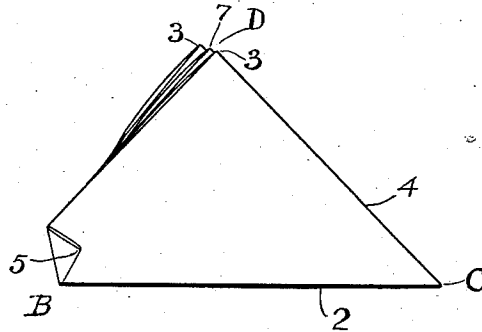
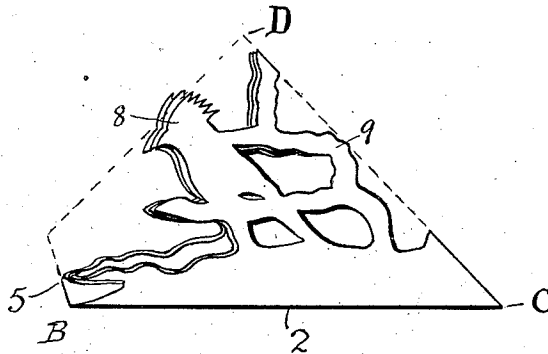


Fig. 7



WITNESSES

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UNITED STATES PATENT OFFICE.

ELIZABETH TURNER, OF KNOXVILLE, TENNESSEE.

CAP.

1,026,479.

Specification of Letters Patent.

Patented May 14, 1912.

Application filed July 20, 1910. Serial No. 572,866.

To all whom it may concern:

Be it known that I, ELIZABETH TURNER, a subject of Great Britain, residing at Knoxville, in the county of Knox and State of Tennessee, have invented a new and useful Improvement in Caps, of which the following is a specification, reference being had to the accompanying drawing.

My improvement relates particularly to the art of making caps for headwear, such caps being made of paper, cloth, or other sheet-form material.

The object of the improvement is to provide a cap which may be cheaply made and which is adapted to be decorated and also cut into ornamental or fanciful form for use in connection with festivals, parties, etc.

In the accompanying drawings, Figure 1 is a plan of a sheet of paper to be used in making one of my improved caps; Fig. 2 shows the same sheet folded once; Fig. 3 shows the sheet folded a second time; Fig. 4 shows the folding completed; Fig. 5 shows a plan of the completed cap; Fig. 6 shows a side elevation of the same completed cap; Fig. 7 shows a cap made in the manner shown by Figs. 1 to 6, inclusive, and having a portion cut to present the outline of a bird in each layer of the sheet.

The sheet, A, shown by Fig. 1 of the drawings is substantially square, and, for the purpose of this description, we will assume that it is such a sheet of paper. For forming said sheet into my improved cap, said sheet is first folded upon the transverse folding line, 1, by bringing the lower half of said sheet up and laying it upon the upper half, until we have the form shown in Fig. 2. For convenience in description, the edge of the body or mass of paper presented along a folding line after folding will be herein termed a "fold" edge while the edges of the mass in which the original outer edges of the sheet are exposed will be termed "free" edges. Accordingly the mass now formed has one long fold edge, one long free edge and two short free edges. Then we fold again on each of the folding lines, 2, 2, by bringing each lower corner, 3, upward and over the body of the folded sheet to the upper end of the upright middle folding line, 4, as shown in Fig. 3, forming a triangular mass having one "closed" corner, 6, (a corner formed wholly by "fold" edges) and two "open" corners, 5,

(corners formed in part by free edges)—the line, 1, being approximately midway between and parallel to the top and bottom edges of the sheet. Then we fold on the folding line, 4, (the vertical of the triangle which we now have) by moving the corners, 5, 5, rearward, until the free edges of the sheet present the form of the capital letter, M, as shown in Fig. 4. Then we join the open corners, 5, 5, to each other, preferably by laying them flatwise over each other, and pasting, pinning, or interlocking them in any desired manner (see Fig. 5). In this form the cap is completed, the plan being shown in Fig. 5, while a side elevation of the cap, with the bottom down, is shown in Fig. 6, the cap having an open end portion, B, composed of the two overlapping open mass corners, 5, 5, and having a closed end corner, C, (formed at the junction of the lines, 2, 2, and 4) and an upper open corner, D, composed of the two open mass corners, 3, and the one open corner, 7, formed by folding on the line, 4, 4.

Any desired form of decoration may be placed upon the sides of the cap by printing, staining, painting, or otherwise; and various ornamental or fanciful figures may be embodied in the cap by cutting all or a portion of the layers of the sheet of which the cap is composed. For example, before the corners, 5, are joined to each other, the paper mass may be pressed flatwise so that eight equal triangular layers of the paper are against and opposite each other. Then the mass thus formed may be cut to present the outline of a bird, 8, and a branch or branches, 9, of a tree, and said bird and branch or branches may be appropriately colored. If the corners, 5, are now joined as above described and the cap opened for receiving the head, the forms of eight birds, and a corresponding number of branches, present themselves and the upper portions of the eight birds may be free from each other, while other portions are held in position at suitable distances from each other by the branches, the latter being held to each other in three groups, this being accomplished by cutting the upper portions of the birds on the oblique free edge of the mass, while a portion of the branch ends in the oblique closed edge of the mass, said edge consisting of three folds of the sheet. This allows a separation of the upper por-

tions of the eight birds far enough from each other to make all of them visible.

The cutting for the purpose of producing the ornamental or fanciful design may also
5 be done before the sheet is folded.

I claim as my invention:

As an article of manufacture, a cap comprising a sheet folded upon itself and having lower fold edges and upper oblique fold
10 edges and upper oblique free edges, and an

end portion formed of two joined open corners, substantially as described.

In testimony whereof I have signed my name, in presence of two witnesses, this 30th day of June, in the year one thousand
15 nine hundred and ten.

ELIZABETH TURNER.

Witnesses:

CYRUS KEHR,
C. A. MORSE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."