

No. 829,563.

PATENTED AUG. 28, 1906.

H. M. L. ANDERSON.

PAPER BOX.

APPLICATION FILED FEB. 9, 1905.

2 SHEETS—SHEET 1.

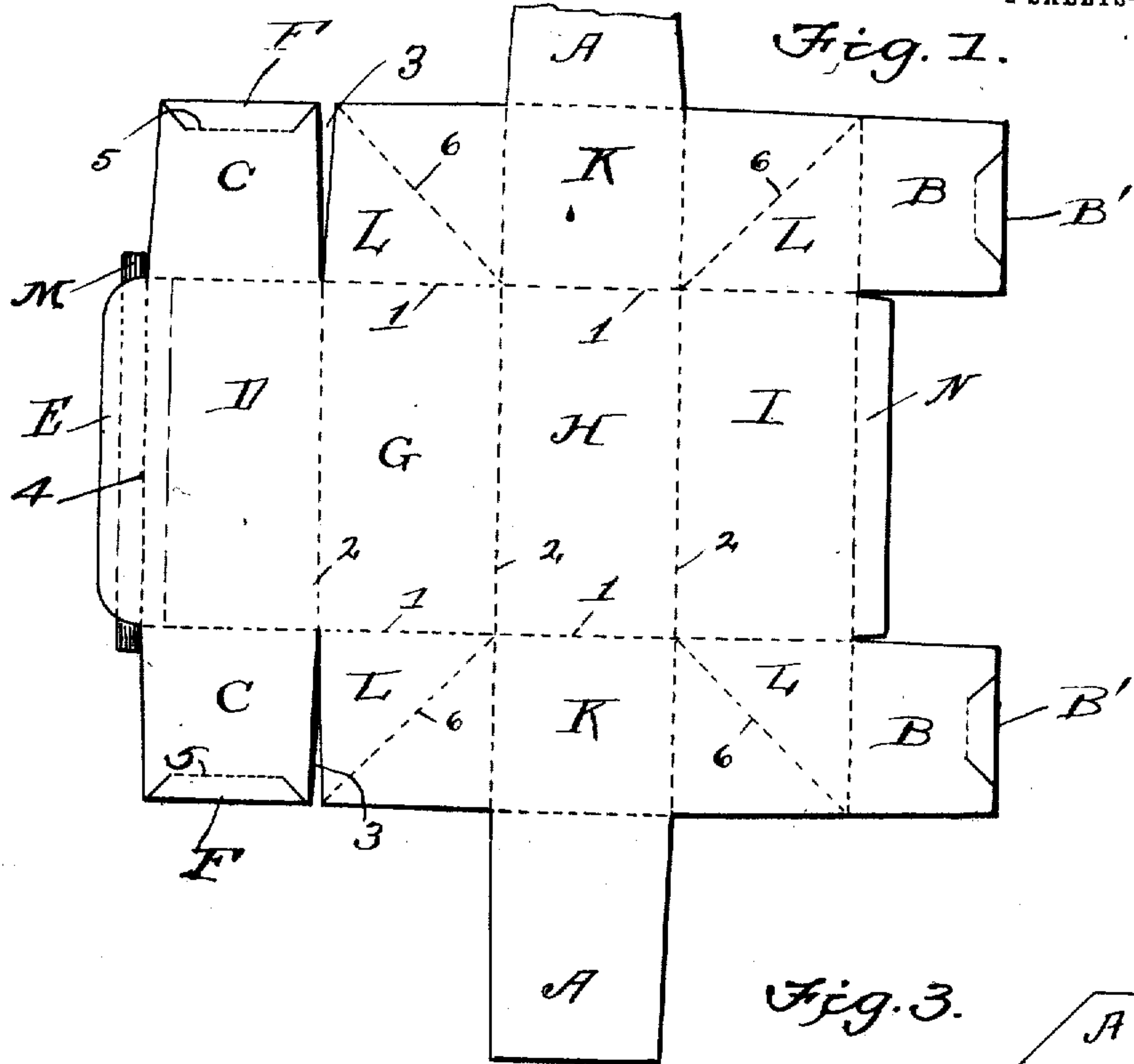


Fig. 2

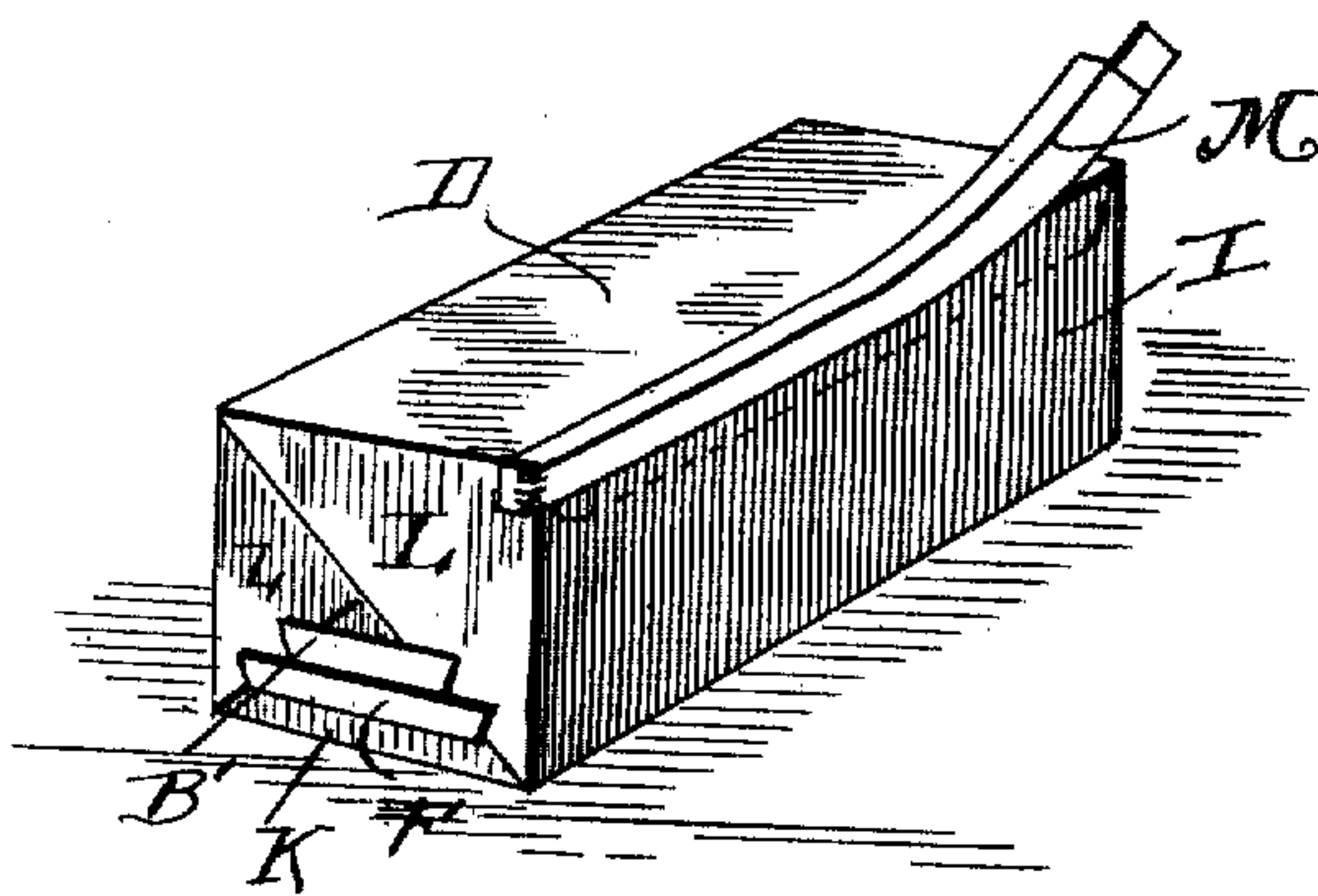
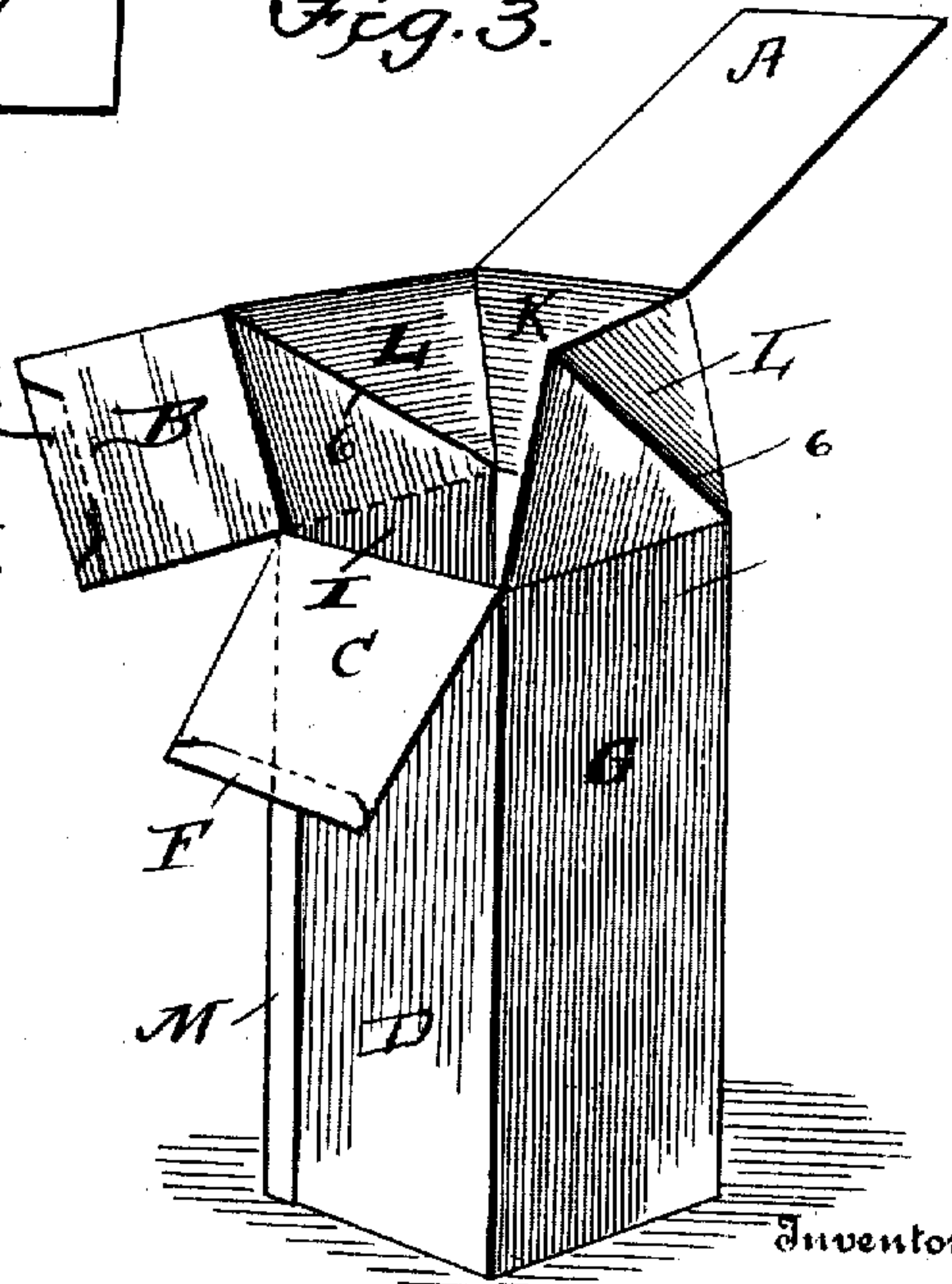


Fig. 3.



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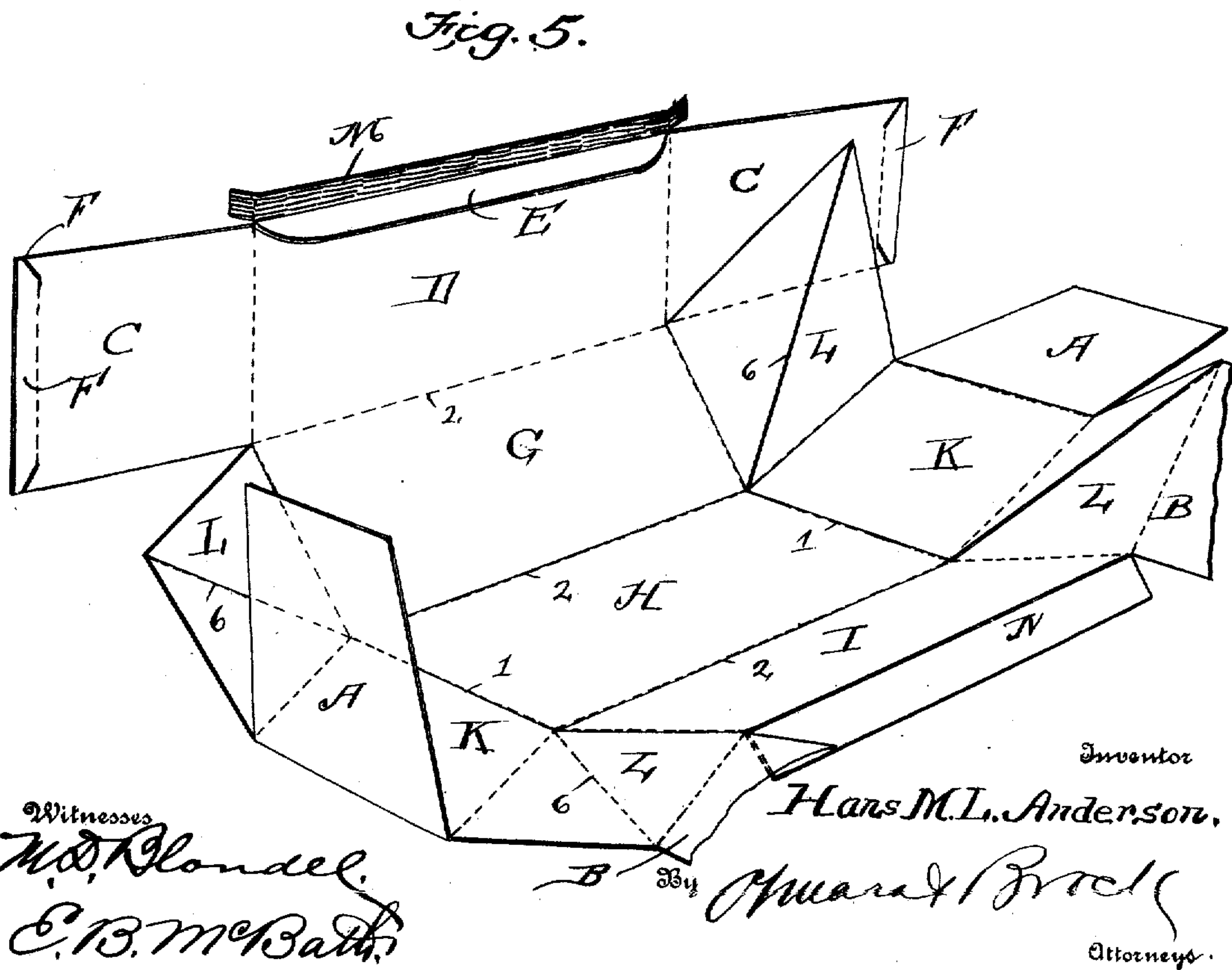
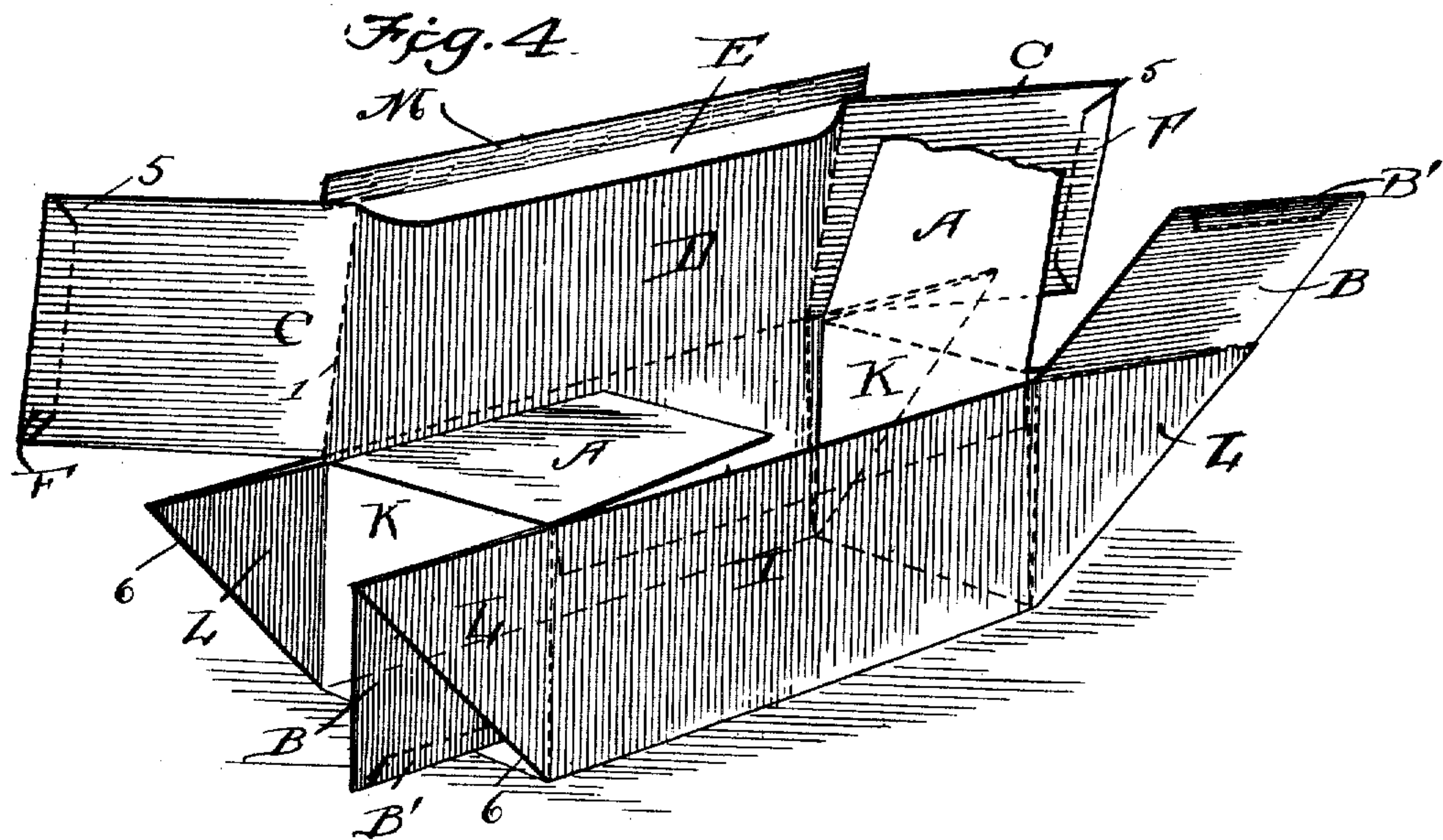
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UNITED STATES PATENT OFFICE.

HANS M. L. ANDERSON, OF CHICAGO, ILLINOIS.

PAPER BOX.

No. 829,563.

Specification of Letters Patent.

Patented Aug. 28, 1906.

Application filed February 9, 1905. Serial No. 244,912.

To all whom it may concern:

Be it known that I, HANS M. L. ANDERSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Paper Box, of which the following is a specification.

This invention relates generally to paper boxes, and more particularly to that class thereof known as "folding" or "knock-down" boxes, which are usually sold in blank form and are set up into box form when they are to be filled.

The object of my invention is to provide a box of this type which shall be exceedingly strong and durable at the ends and front edges, inasmuch as said points are called upon to stand the greater strains.

Another object is to provide a box which will be as nearly air-tight and water-tight as it is possible to make a folding paper box; and a still further object is to provide a box which can be opened and closed again at either end without disturbing the other locking features of the box or the adhesive strip.

With these and certain other objects in view my invention consists in the details of construction hereinafter fully described, and pointed out in the claim.

In the drawings forming a part of this specification, Figure 1 is a plan view of the blank form in which the box is made. Fig. 2 is a perspective view of the box set up and sealed, the adhesive strip being partially detached. Fig. 3 is a perspective view showing one end of the box opened. Fig. 4 is a perspective view showing the blank partially folded to form the box, and Fig. 5 is a perspective view showing the box completely opened.

In constructing the folding paper box in accordance with my invention I employ an essentially rectangular-shaped blank having oppositely-disposed projecting portions A A, which form the covering-flaps when the box is set up. The blank is also provided with projections B B at the opposite ends of one side, and these projections are made with integral tongues B' B' at the ends, which serve to lock the ends of the box when set up. The blank is crossed by parallel transverse scoring-lines 1 1 and the parallel longitudinal scoring-lines 2 2, and the blank is notched also, as at 3 3, thereby dividing the flaps C C of the cover D, said cover having an edge

flap E, marked off by the scoring-line 4, and the cover-flaps C, having integral tongues F F, marked off by the line 5 5, and which also serve as locks for the ends of the box. The scoring-lines 1 1 and 2 2 subdivide the blank into the cover D, back G, bottom H, front ends K, and the corner-overlaps L L, said overlaps being set up and locked.

N indicates a narrow flap arranged upon the edge of the front I.

In order to set up the box and lock the same after being filled, the overlaps L L are first folded upon the lines 6 6, and then the flaps B B are folded over the folded overlaps, bringing the front I and ends K K into position, and the box can then be filled with the material it is intended to hold. The end flaps A are then folded in over the contents. The back is then brought up, and the other portions L are folded upon their lines 6. The cover D is then folded over and its flap E is turned down into the box upon the inner side of the front I. The cover-flaps C are turned down over the ends K, and then the front overlap L, carrying the flap B, is folded against this flap C. The pointed end of the rear overlap is then inserted in the fold or pocket of the front overlap, and the ends are thereby locked, and then the integral tongues B' and F are turned up, locking the flaps B and C in the folded end. An adhesive strip M, carried by the cover D, is then sealed over the forward edge of the folded box, and the package is complete, and the contents will be kept free for an indefinite period, as the package is practically air and dust proof.

A package constructed as herein shown and described is particularly adapted for holding crackers, cakes, confections, and the like.

To open the box at one end, first turn back the integral tongues and withdraw the rear folded overlaps from the pocket of the front overlap. The front overlap is then turned out and its flap straightened out. The cover-flap is then turned back and the end flap A withdrawn and the end straightened out. Access can then be had to the box without breaking the seal at the front edge, and the end can be securely closed again in case only part of the contents is removed. To completely open the box, the seal M is broken and the flaps separated and unfolded, as shown in Fig. 5.

Having thus fully described my invention,

what I claim as new, and desire to secure by Letters Patent, is—

5 A paper box comprising back, front, bottom, cover and end pieces, flaps carried by the end pieces and by the cover, tongues on the cover-flaps, overlaps connecting the ends and back, and ends and front, respectively, flaps carried by the front overlaps,

tongues carried by said front flaps, a narrow flap carried by the front piece, an edge flap 10 carried by the cover, and an adhesive strip carried by the last-mentioned flap.

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Witnesses:

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