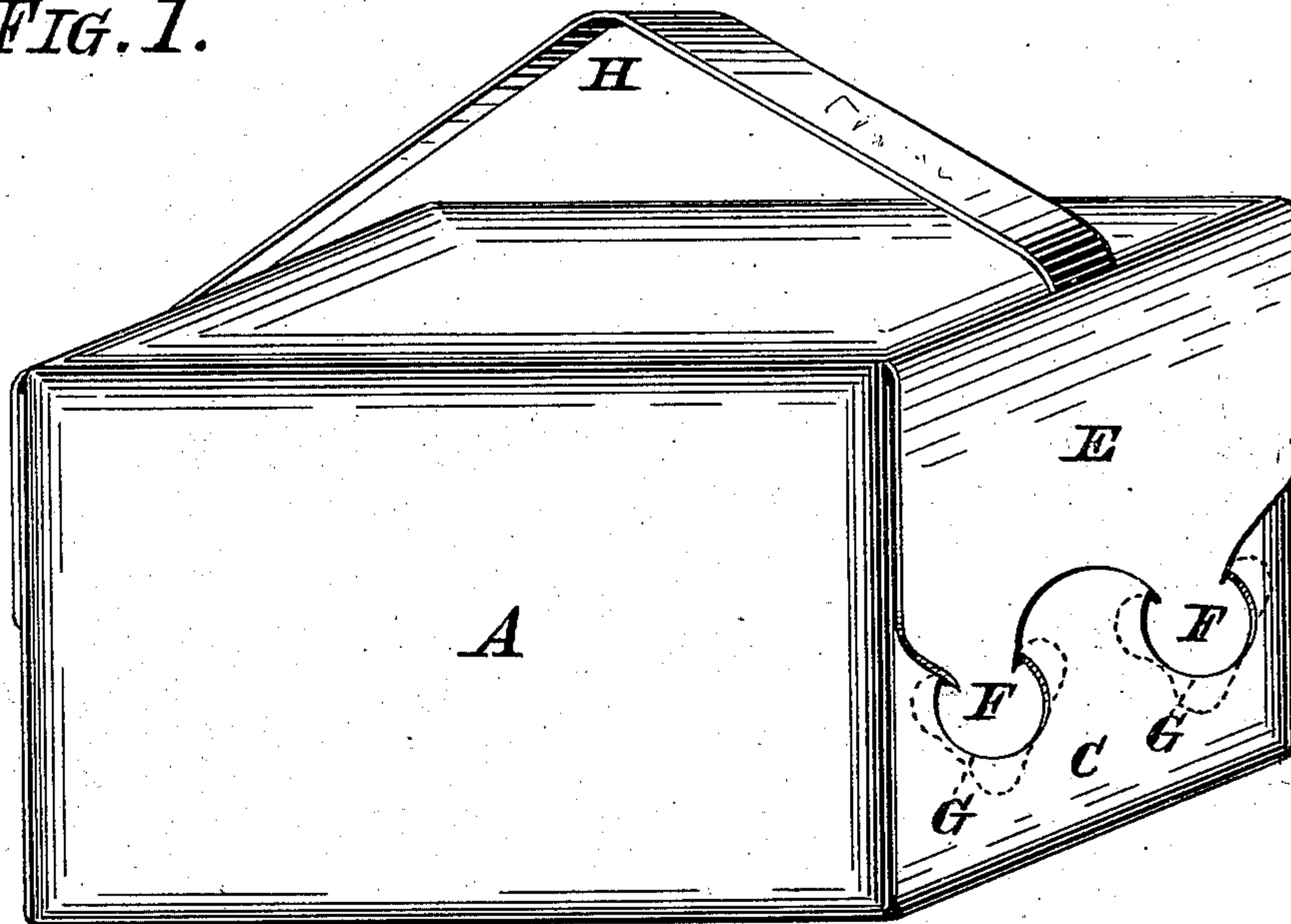


## Paper-Box.

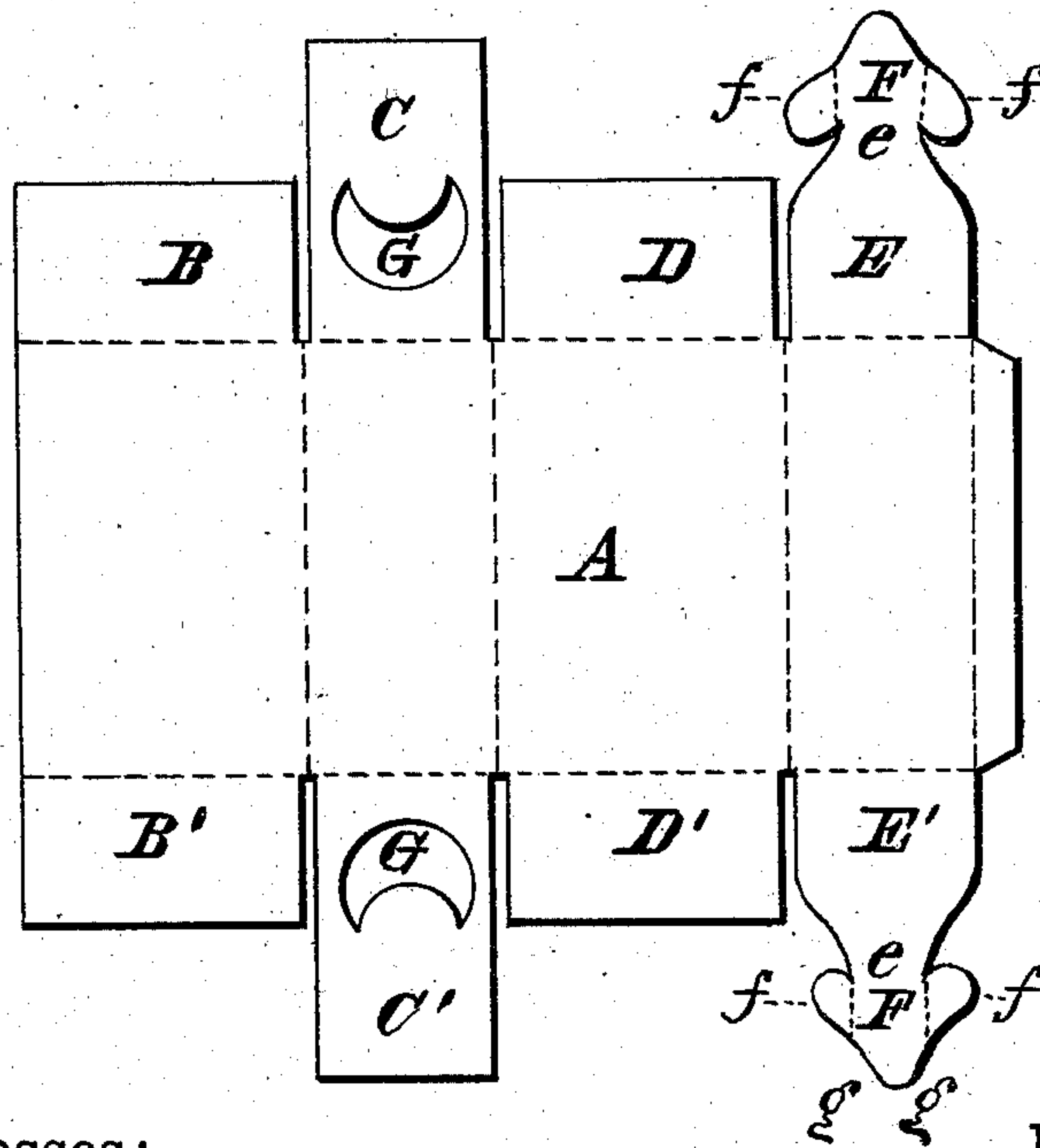
**No. 225,013.**

Patented Mar. 2, 1880.

*FIG. 1.*



*FIG. 2.*



**Witnesses:**

Michael J. Stark.  
Emma A. S. Dopp

**Inventor:**

Frank Knobelock,  
by Michael J. Stark,  
Attorney.

# UNITED STATES PATENT OFFICE.

FRANK KNOBELOCH, OF BUFFALO, NEW YORK.

## PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 225,013, dated March 2, 1880.

Application filed September 3, 1879.

*To all whom it may concern:*

Be it known that I, FRANK KNOBELOCH, of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements on a Paper Box; and I do hereby declare that the following description of my said invention, taken in connection with the accompanying sheet of drawings, forms a full, clear, and exact specification, which will enable others skilled in the art to which it appertains to make and use the same.

This invention has general reference to paper boxes; and it consists in the peculiar arrangement of parts and details of construction, as hereinafter first fully set forth and described, and then pointed out in the claim.

In the drawings already referred to, and which form a part of this specification, Figure 1 is a perspective view of my improved paper box. Fig. 2 is a plan of the blank from which said box is produced.

Like parts are designated by corresponding letters of reference in all the figures.

This box is constructed of a card or paste board blank (illustrated in Fig. 2) consisting of the main body A and eight portions or flaps, B B', C C', D D', and E E', respectively. Of these flaps those designated by the letters B B', D D', and C C' are of a length and width corresponding to the width and depth of the box to be produced, while those designated by the letters E E' are as wide as the box, but slightly shorter than its depth. The flaps C C' have crescent-shaped openings G, while the flaps E are shaped into a clover-leaf or trefoil, F, having the neck *e* and the opposite cusps *f*, the latter serving as hooks to engage the crescent-shaped openings G, as hereinafter to be referred to.

I produce the blank A entire by suitably-constructed male and female dies in the process of punching, creasing it at the same time in all the places where it is afterward to be folded or kinked. This folding may be done either in the factory where the boxes are made, or the blanks may be sold to the trade in a flat state, leaving it to the trader to form the blank into a tube, and afterward closing both

ends by means of the perforated flaps C and flaps E.

In closing this box the flaps B and D are first bent so as to give two thicknesses of paper, pasteboard, &c., to the ends, after which the flap C is bent, and finally the flap E. The opposite cusps *f* of this flap are first kinked along the lines *g g*, and then pushed into the crescent-shaped opening in the flap C, where these cusps, forming hooks, will securely close the end of the box and retain the parts in proper position, so as to preclude the possibility of its opening accidentally during shipping or handling.

For convenience in carrying this box I provide the same with a ribbon, H, which is, with its ends, securely fixed to the flaps E E', and thus accomplishes the desired object in a convenient manner.

It is evident that in larger packing-boxes more than one of the trefoils and crescent-shaped apertures may be provided, so as to guard against tearing of the parts when the box is filled, and I have illustrated in Fig. 1 a box having the flap E provided with two trefoils and the flap C with a corresponding number of crescent-shaped openings.

Having thus fully described my invention, I claim as new and desire to secure to me by a Patent—

As an improved article of manufacture, a paper box or package composed of a blank, A, having the flaps B B', C C', D D', and E E', said flaps C C' being provided with crescent-shaped apertures G, and the flaps E E' shaped into trefoils, the whole being folded as described, and the trefoils engaging the crescent-shaped apertures, substantially as and for the object specified.

In testimony that I claim the foregoing as my invention I have hereto set my hand and affixed my seal in the presence of two subscribing witnesses.

F. KNOBELOCH. [L. S.]

Attest:

MICHAEL J. STARK,  
FRANK HIRSCH.