

(No Model.)

E. F. LINTON.

TOY BALLOON.

No. 262,441.

Patented Aug. 8, 1882.

Fig. 1.

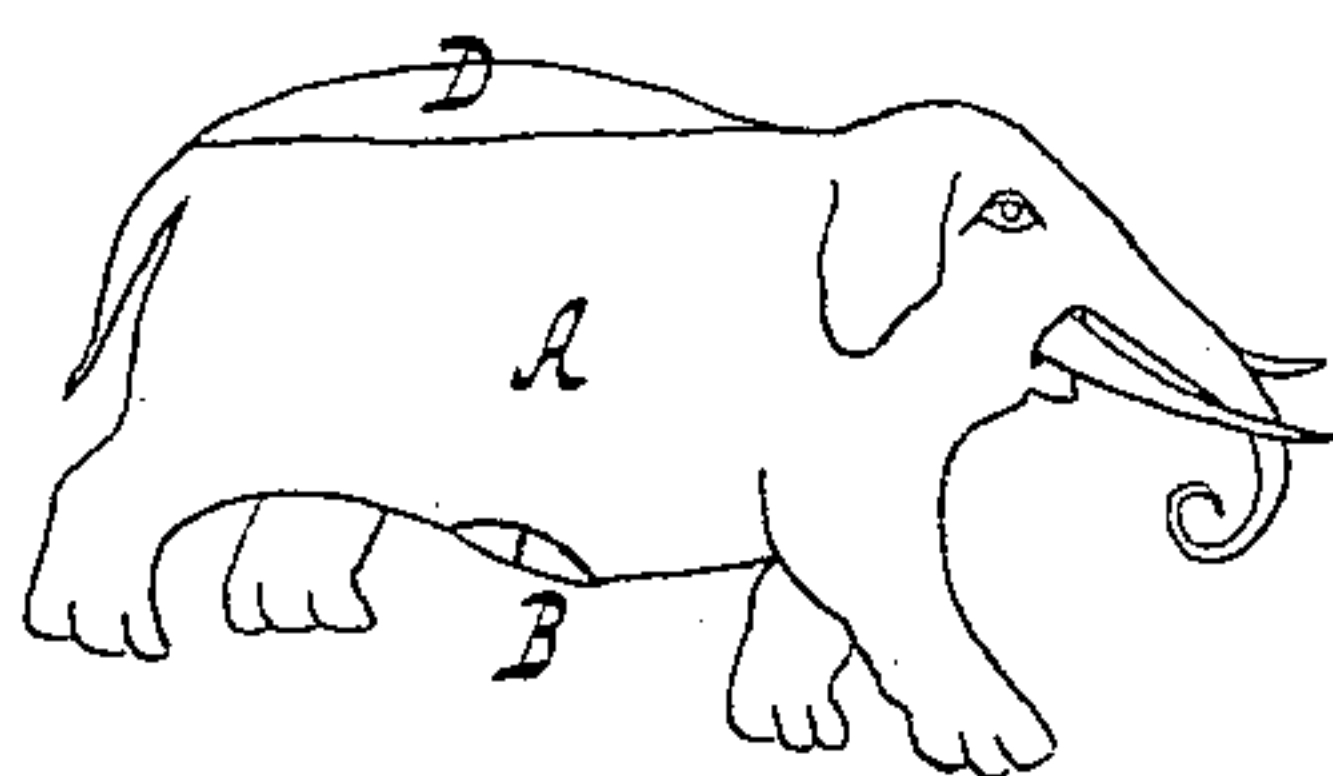


Fig. 2.

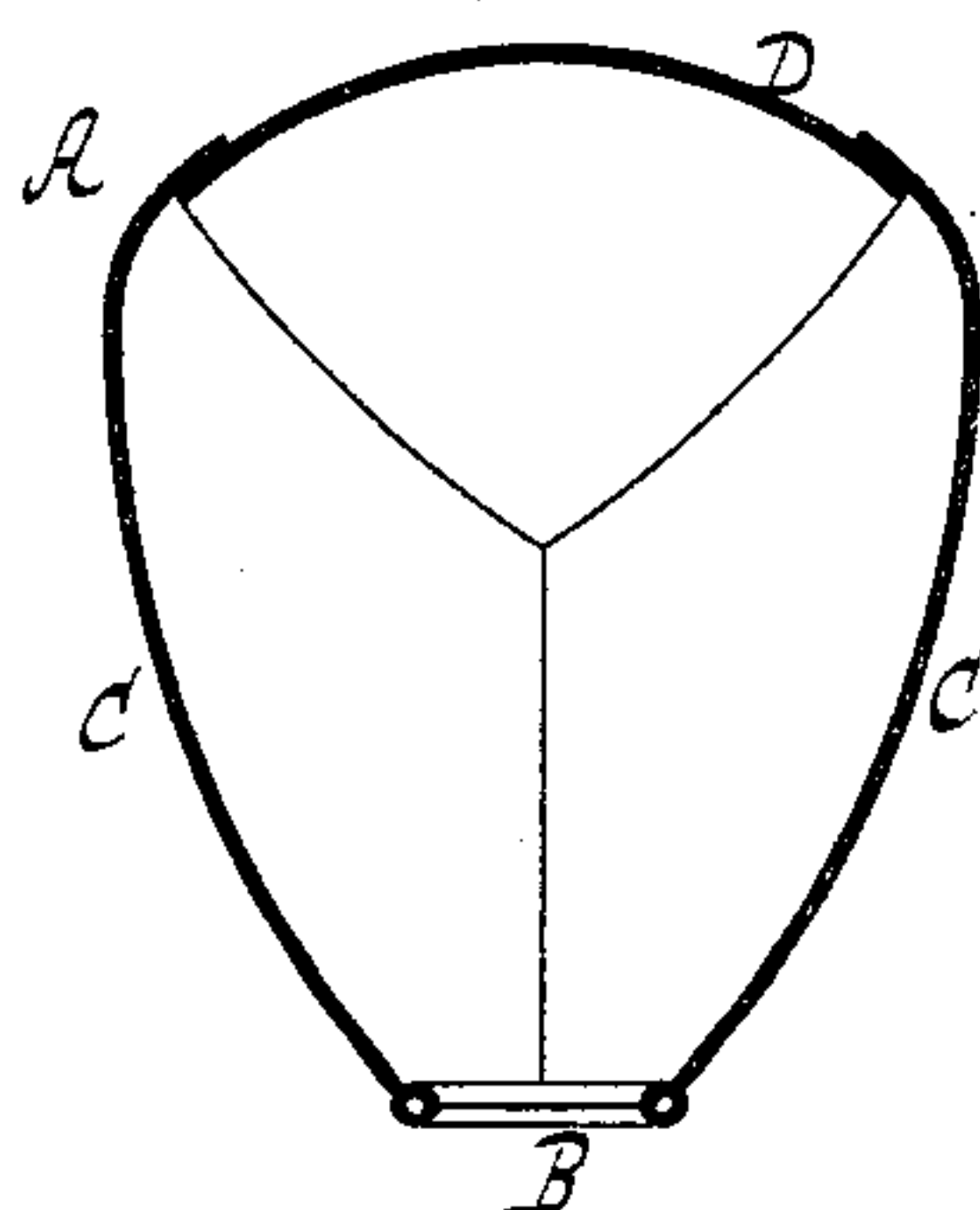


Fig. 3.

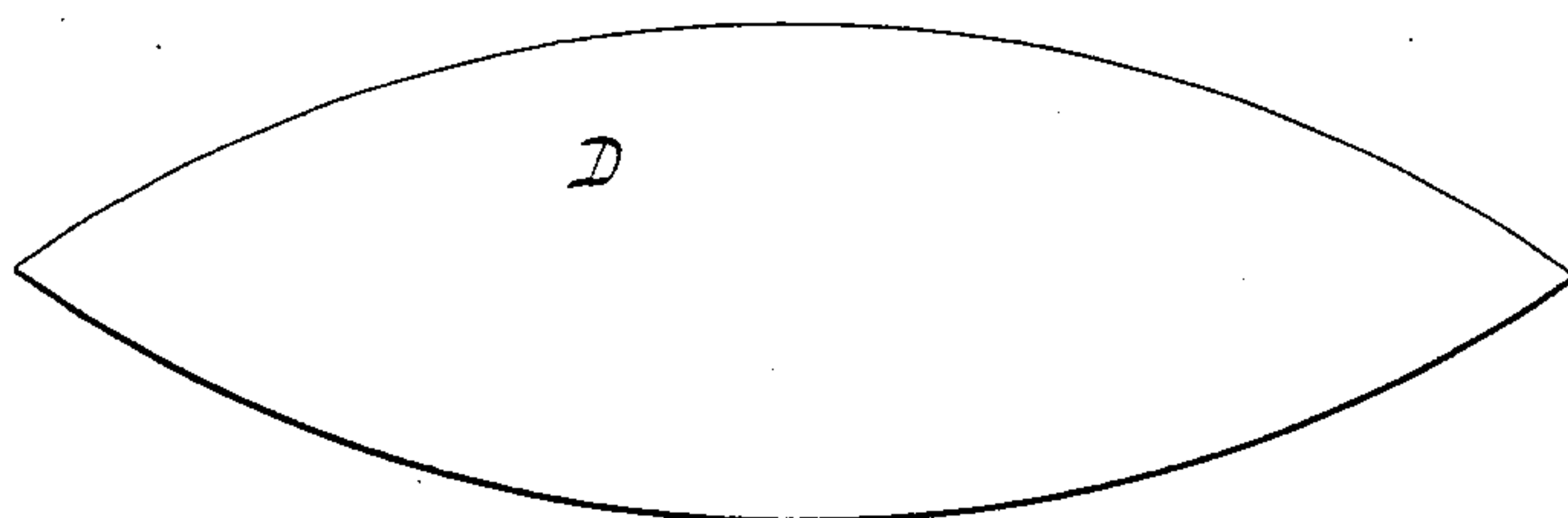
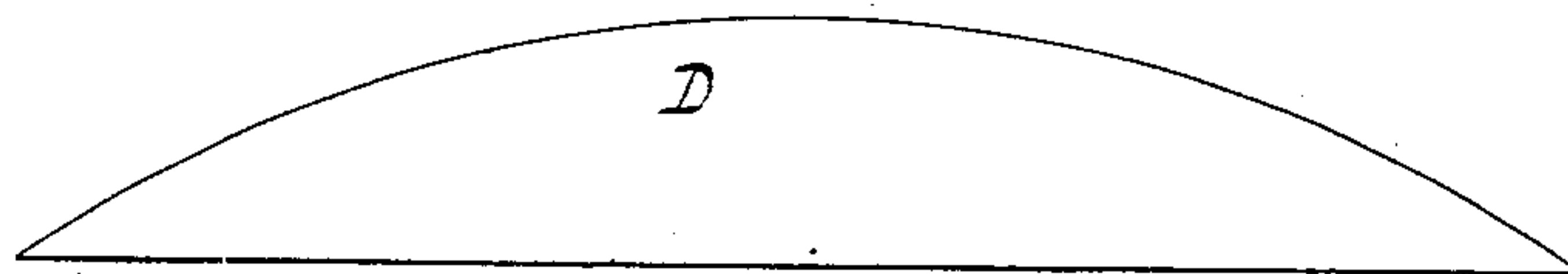


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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CELLED FIREWORKS COMPANY, OF NEW YORK.

TOY BALLOON.

SPECIFICATION forming part of Letters Patent No. 262,441, dated August 8, 1882.

Application filed April 18, 1882. (No model.)

To all whom it may concern:

Be it known that I, EDWARD F. LINTON, a citizen of the United States, residing at East New York, in the county of Kings and State of New York, have invented new and useful Improvements in Toy Balloons, of which the following is a specification.

This invention relates to the construction of balloons in imitation of animals or living creatures, designed to be inflated and illuminated for the purpose of aerial ascension by means of fire or hot air.

Prior to my invention this class of balloons have been made of pieces of paper or other similar material cut to the general outline of the creature to be imitated, and united at the edges. The balloons so constructed, however, when inflated lack rotundity on the back of the figure represented, and thus not only are defective in appearance, but also inferior in buoyancy.

The object of my invention is to produce a balloon which, when filled or inflated with hot air for ascension, shall present a smooth elliptic shape at the top or back, thus preserving a proper or life-like position in the air without tilting or deviating from a normal position.

To this end it consists in a balloon the body of which is made of paper or other similar material in imitation of an animal or the like with a gore of elliptic lanceolate shape inserted in the top or back thereof, as hereinafter more fully set forth.

This invention is illustrated in the accompanying drawings, in which—

Figure 1 represents a side view. Fig. 2 is a cross-section. Fig. 3 shows the gore detached. Fig. 4 shows the gore folded.

Similar letters indicate corresponding parts. The letter A designates the body of the balloon, having the usual opening, B, in the bottom thereof provided with a frame for the reception of a "fire-ball," so called, or other means of supplying hot air.

The component parts of the balloon are two

side pieces, C, and a gore or back piece, D. The side pieces, C, are cut to the general outline of the animal or creature to be represented, and the gore D is cut to an elliptic lanceolate shape, the whole being composed of paper or other similar material, and the parts are united at the appropriate places by means of an adhesive substance. In inserting the elliptic lanceolate gore it can be folded longitudinally, as shown in Fig. 4, and laid between the side pieces with its edges in proper relation to those of the side pieces in order to facilitate the union of the edges.

It will be readily understood that when the balloon is inflated for use the top or back portion thereof is caused to take a round or elliptic shape, due to the gore D, and by this means the article is caused to take a symmetrical or life-like position, while its buoyant property is increased or promoted, since the lifting-power is thereby concentrated in the top of the balloon.

In carrying out my invention I color or ornament both of the side pieces, C, by means of a stencil-plate cut into outlines and shadings to represent an animal or creature similar in shape to the balloon, reversing the plate to the respective side pieces, so as to insure similarity of appearance.

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

A toy balloon having its body composed of the side pieces shaped in imitation of an animal or the like, and of the elliptic lanceolate gore inserted in the top or back portion of the article, substantially as and for the purpose described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

EDWARD F. LINTON. [L. S.]

Witnesses:

CHAS. A. CODMAN,
TH. L. JARDIN.