

F. W. SMITH.
Paper-Boxes.

No. 149,889.

Patented April 21, 1874.

Fig. 1.

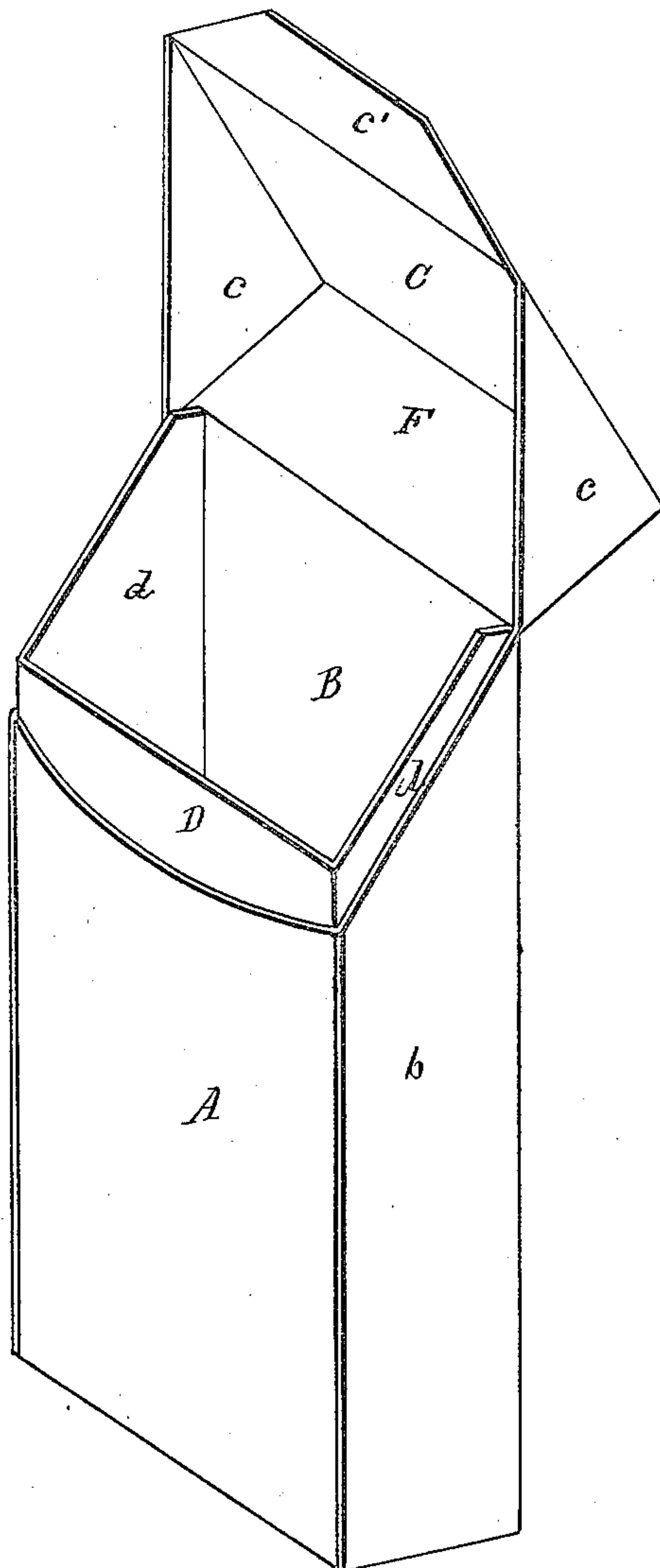
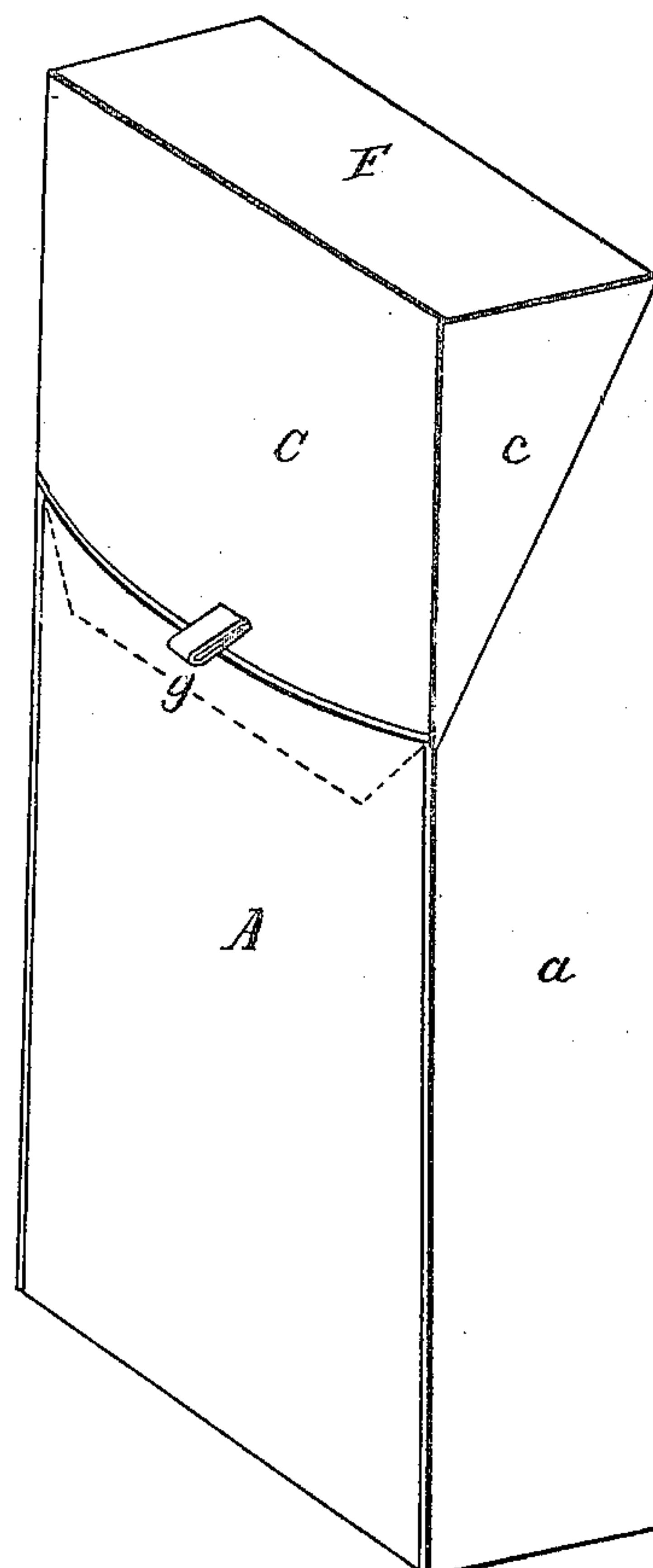


Fig. 2.



Witnesses
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H. A. Smith

Inventor
Frederick W. Smith

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Fig. 3.

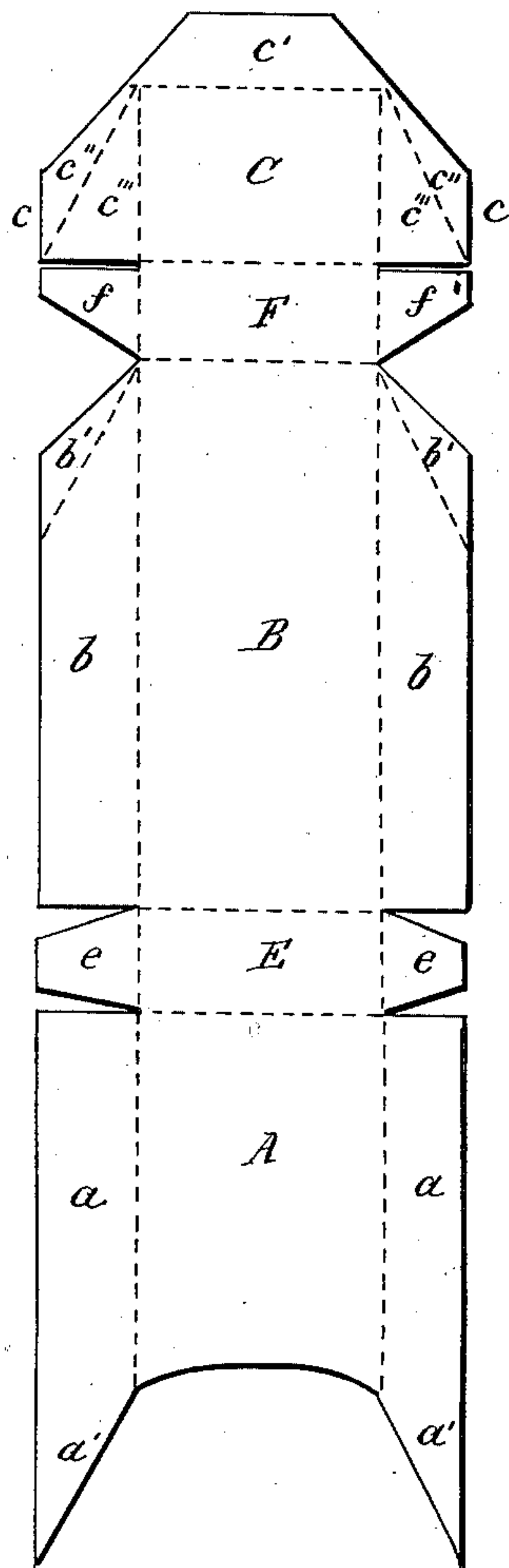


Fig. 4.

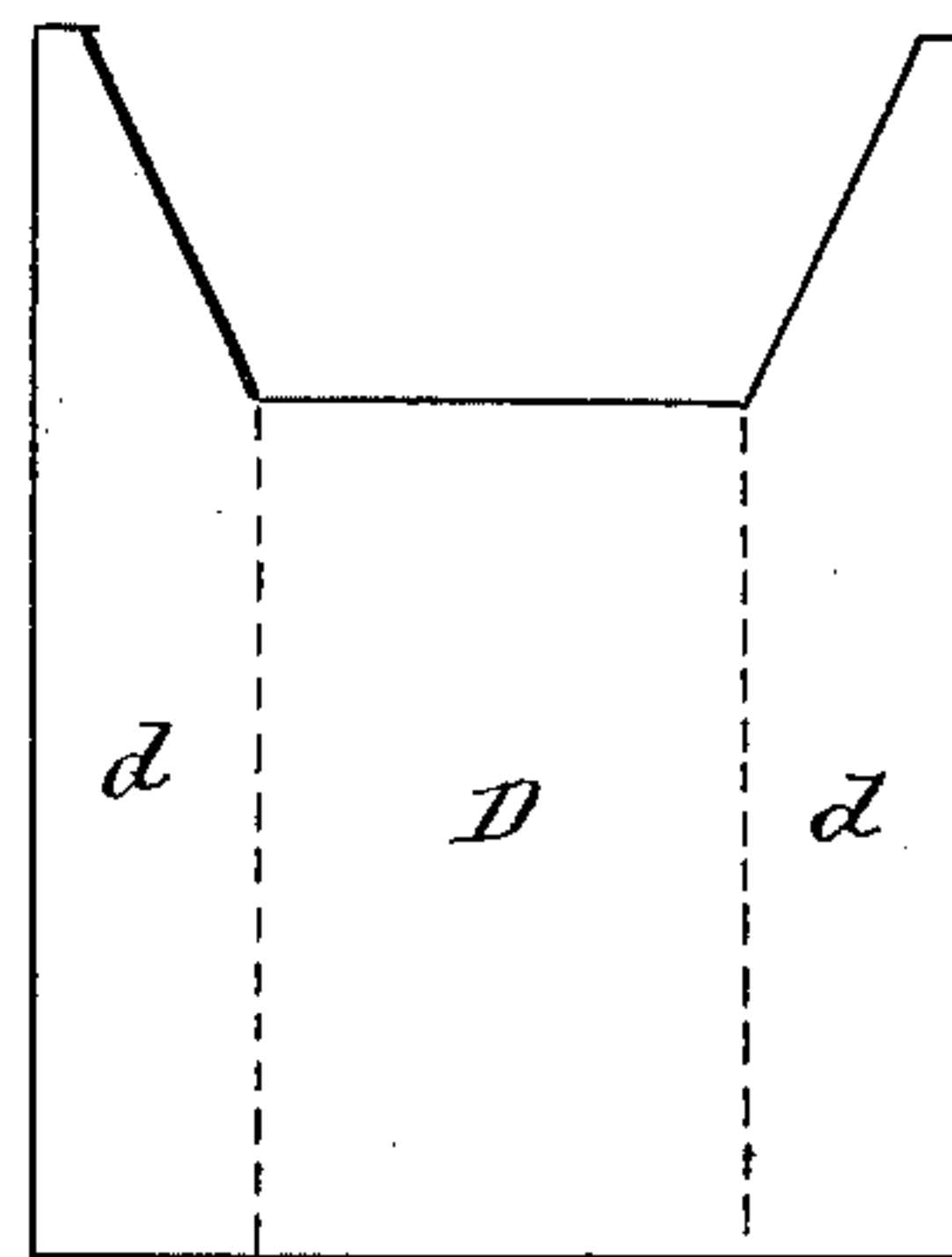
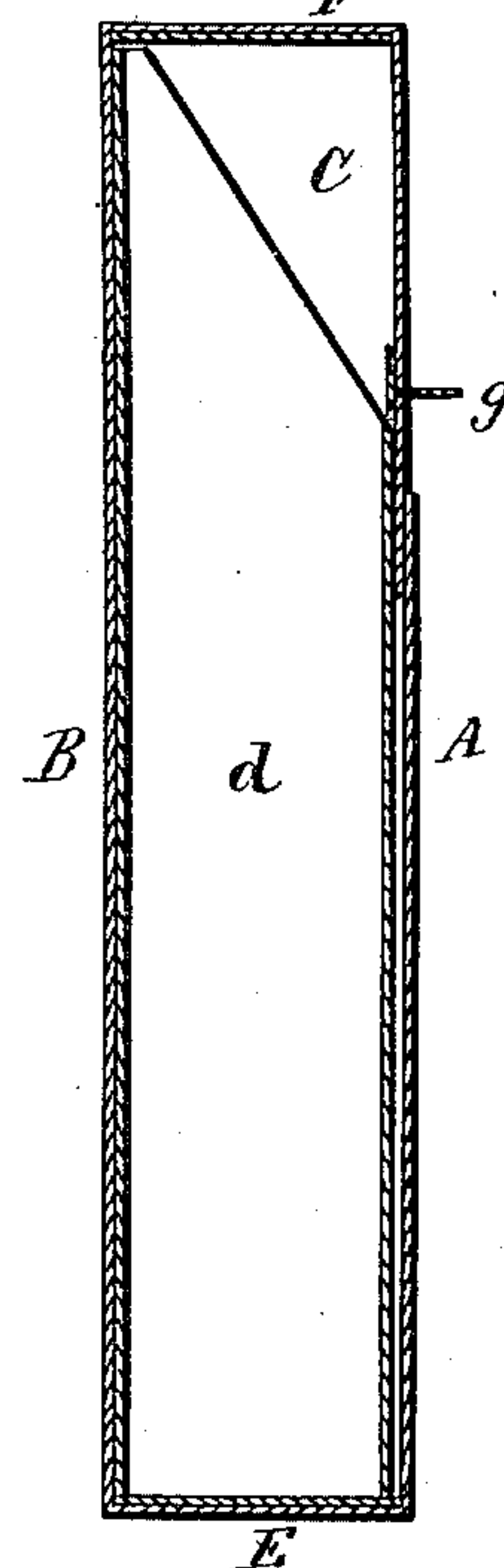


Fig. 5.



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FREDERICK W. SMITH, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN PAPER BOXES.

Specification forming part of Letters Patent No. 149,889, dated April 21, 1874; application filed March 16, 1874.

To all whom it may concern:

Be it known that I, FREDERICK W. SMITH, of Chicago, State of Illinois, have invented an Improvement in Paper Boxes, of which the following is a specification:

My invention consists in a new and improved form of box made of stiff paper. The boxes may be made of one or more pieces of paper, but to be fully complete it would require two. And I hereby proceed to describe my invention, so that others skilled in the art of making paper boxes may be able to make the same.

Figure 3 represents the body of the box cut from one piece.

A is the front of the box. E is the bottom; B, the back; F, the top, and C the cover. a' , a , e , b , b' , f , c'' , and c''' constitute the sides of the box. C' is a flap, to secure the cover in place. To form the box, the sides a' a are turned up at right angles with body A, and the front A and the sides a' a are then bent over so as to place the part E at right angles with A and B. The laps e are then secured to the outside of the sides a , and the sides b are then turned up and secured over both. The parts b' are then doubled over the points a' and securely fastened. The cover C is then bent over, and the parts f are secured to the inner side of the parts c'' , and the parts c'' are then doubled over the parts f and securely fastened. A pocket for the flap is formed in the front of the box by inserting an additional piece of paper of the form shown in Fig. 4, the part D being in contact with the front A, and the sides d being against the sides a of Fig. 3, the sides d being made to extend above the sides formed by a , and b form a neck, over which the sides formed

by c'' , c''' , c' , and f are closed, and the box is thereby rendered dust-proof. This neck and the part forming the pocket are shown at D d , Fig. 1. Fig. 1 represents the box completed and open. Fig. 2 represents the box closed.

The box is easily opened by taking hold of the tape g and pulling up the cover C. The front of the box being lower than the back renders it very easy to turn back the tops of the inclosed papers, so as readily to inspect the headings of the same.

The part shown in Fig. 4 may be left out of boxes made for some purposes, and the contents of the box will form, in connection with the part A, a pocket for the flap.

A box thus formed is of cheap construction, and very serviceable, being handy, strong, and secure, the cover C and top F, with the flap c' , being so formed, in connection with the triangular sides c , that no weight of paper or other articles on the inside against the top F can open the box. The box is thus fully as secure when the flap is in place as if it were tied with tape or otherwise fastened.

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

The paper box herein described—that is, the body of the box cut from one piece of paper, with the flaps f and the parts c'' , c''' , with the overlapping parts c' and the pointed ends a' , together with the overlapping parts b' , as shown in Fig. 3, formed and put together as and for the purpose specified and set forth.

FREDERICK W. SMITH.

Witnesses:

F. H. SMITH,
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