

(No Model.)

A. S. COFFIN.

PAPER BOX.

No. 317,976.

Patented May 19, 1885.

Fig. 1.

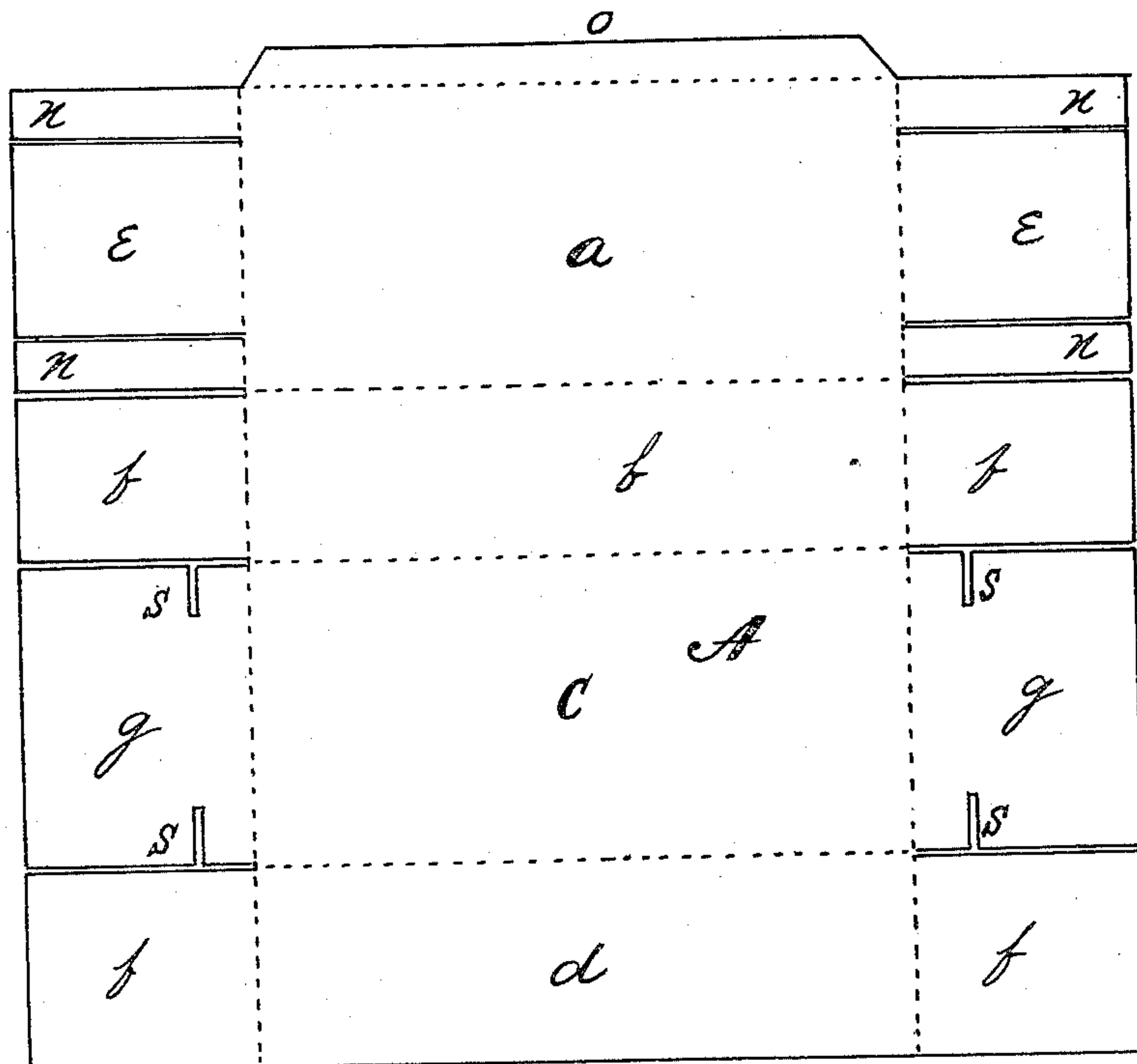
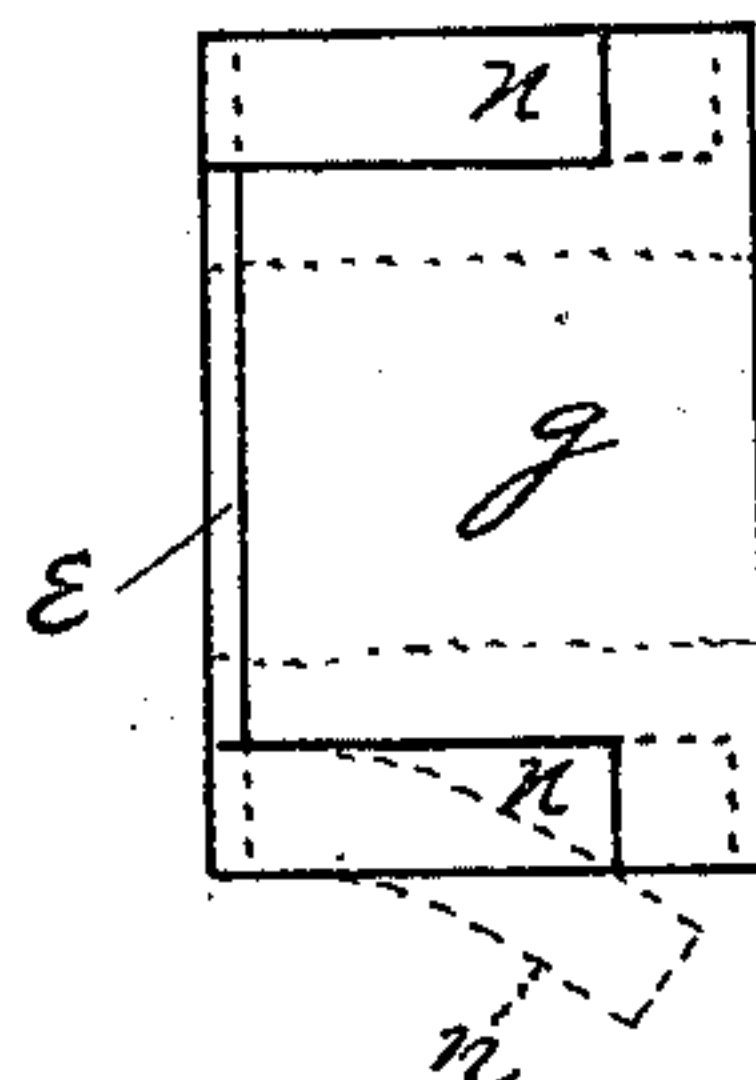


Fig. 2.



Witness

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PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 317,976, dated May 19, 1885.

Application filed March 30, 1885. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR S. COFFIN, a citizen of the United States, residing at New Bedford, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Paper Boxes, of which the following is a specification.

My invention consists in cutting a box-blank from paper in such a manner that the flaps which form the ends of the box shall fold together and interlock in a novel and advantageous way.

In the drawings, Figure 1 is a view of the box-blank as it appears ready for folding into a box. Fig. 2 represents a view of one end of the box after being folded together.

In Fig. 1, A represents the box-blank having the necessary cuts to form the end flaps, and creased for folding along the dotted lines. *a b c d* are the sides of the box, and *e f g* are the end flaps. In the end flaps *e* of the side *a* are the tucks *n*, and in the end flaps *g* of the side *c* are the transverse openings *s*, extending from the edge of the flap into the body of the same. The side *a* is provided with the lip *o*, which is gummed to the side *d*, and this operation brings the four sides of the box into proper position with regard to each other. This partially-formed box can now be flattened down and packed closely together for shipping, or it can be completed into a box for

holding commodities, as follows: The end flaps *f* are first turned in, and the flap *e* is folded down over them. The flap *g* is then brought over and the tucks *n* inserted in the openings *s* by swinging to one side, as shown by dotted lines in Fig. 2, or they can be entered in the usual manner, when the ends of the box assume the form and appearance as shown in Fig. 2.

As the piece of paper from which the box-blank A is made is very nearly rectangular in shape, the box can be made with but very slight waste of material.

The necessary cuts for interlocking the ends of the box can be made with one machine for all sizes of boxes. This is not the case with other folding paper boxes, a set of dies being required for each size of box.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

A paper box formed from the box-blank A creased for folding, as specified, and having the end flaps *e*, provided with tucks *n*, and end flaps *g*, provided with the transverse openings *s*, substantially as shown and described.

ARTHUR S. COFFIN.

Witnesses:

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