

J. M. Wilcox,
Paper Box

No. 112306.

Patented Feb. 28. 1871.

Fig. 1.

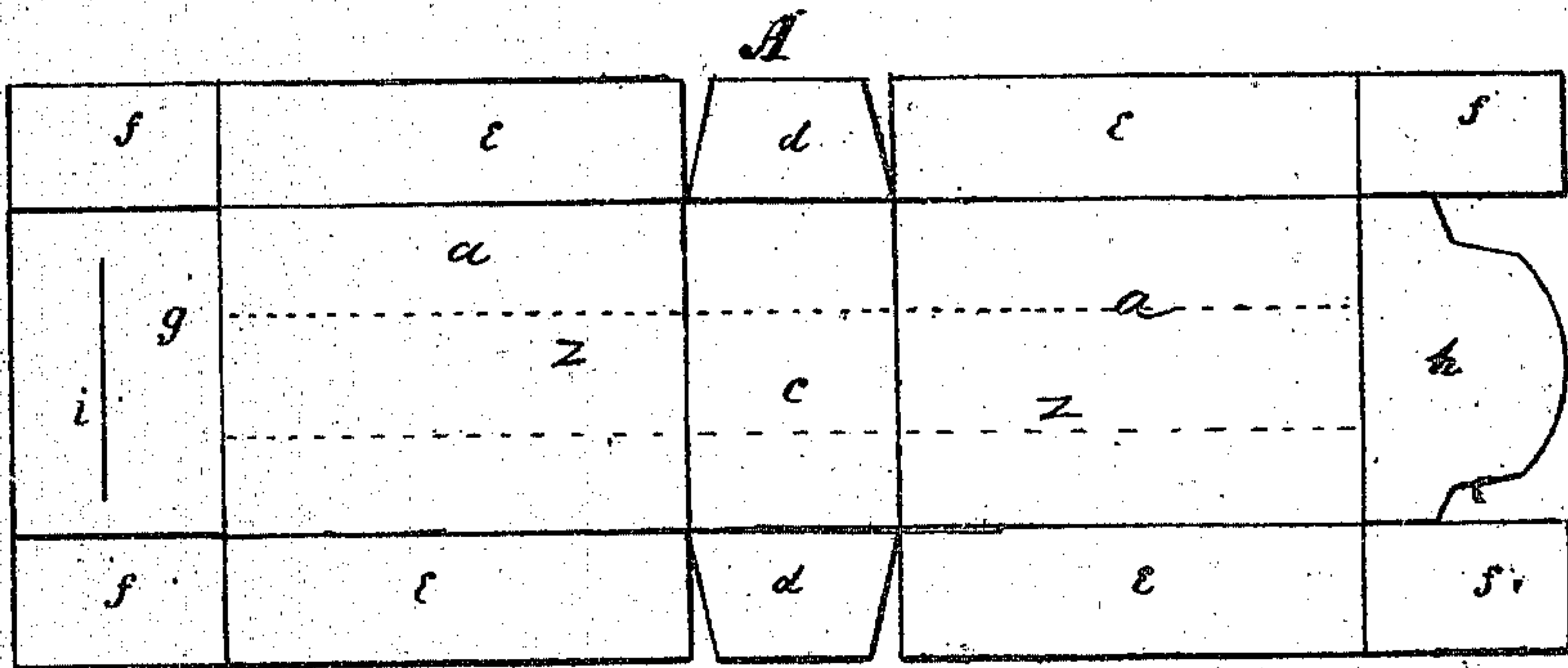
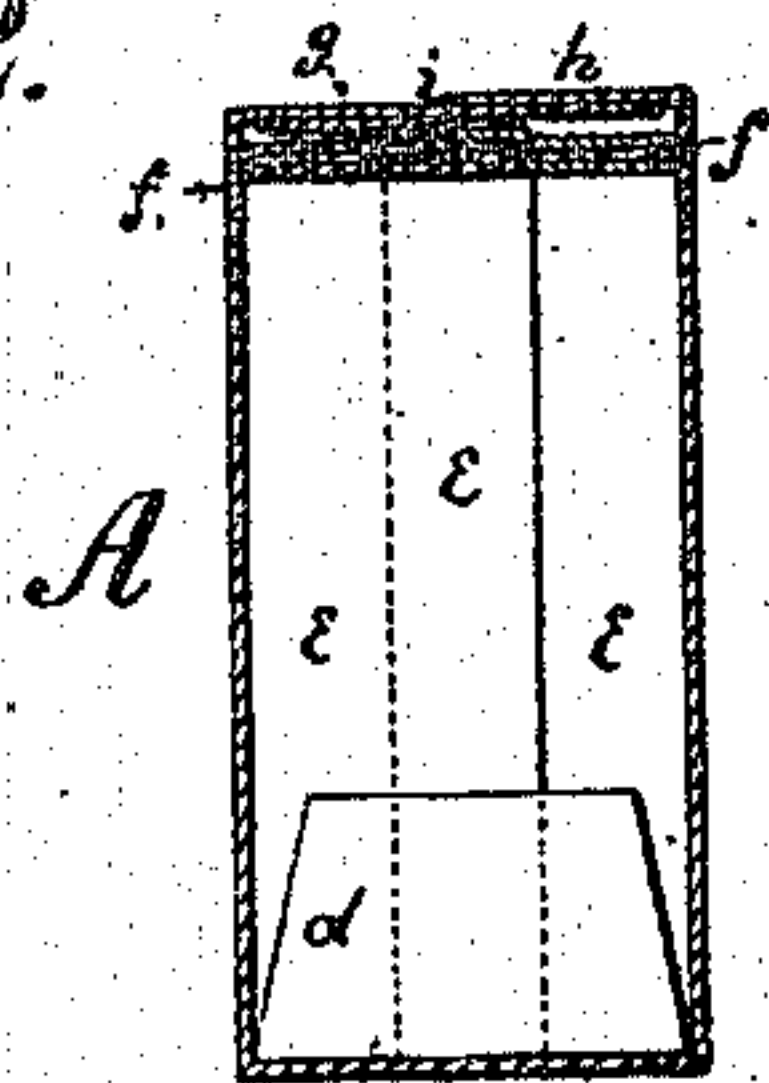


Fig. 2.



Witnesses;
Heim. Lauten
J. O. Lang

Inventor.
John W. Wilcox
By D. C. Colby & Son
Attorneys

UNITED STATES PATENT OFFICE.

JOHN WARREN WILCOX, OF NEW YORK, N. Y.

IMPROVEMENT IN PAPER BOXES.

Specification forming part of Letters Patent No. 112,306, dated February 23, 1871.

To whom it may concern:

Be it known that I, JOHN WARREN WILCOX, of New York, in the county of New York and State of New York, have, as I believe, invented new and useful Improvements in Paper Boxes; and I do hereby declare the following to be a full and exact description of the same, reference being had to the drawing that accompanies and forms part of these specifications.

The object of my invention is to provide a paper box for packing small wares and samples, so cut and folded as to have all needed capacity to retain the given shape and form, and still be very economical in the use of material or stock.

My invention consists in the form of patterns and manner of folding them, as hereinafter set forth.

Figure 1 represents a pattern just as cut out. I call this pattern A or box A. Fig. 2 is a section of the box A, cut on a line through its center from end to end, dividing *a a c*, *f f*, *g*, and *h*.

Letter A denotes one pattern; *a a*, front and rear of box A; *c*, the part that forms the bottom of this box when folded; *d*, pieces that turn up and form stays, as in Fig. 2; *e*, parts that form the sides, each two on the same side overlapping each other about the third of the thickness of the box, as illustrated in Fig. 2; *f*, continuations of these pieces *e*, which, when the pattern is folded, overlap, right and left, the top or mouth of the box; *g*, a lapel folding over on top of *f f*; *h*, a tuck which completes the box, being tucked into the slot *i* in the lapel *g*.

If thought desirable, the pieces *f f* may have one entering the other, as *h* enters *g*, thus making two tucks to secure the mouth of the box.

One feature of box A is cutting the pieces *e* for the sides about two-thirds the width the box is to be, and so as to make the overlap run up and down the center of the sides, stiffening the box, but leaving the remainder of the sides of a single thickness, thus securing a great saving of stock.

I do not confine myself to any definite extent of overlap of the pieces *e*. They may be cut a little wider and overlap more, or a little narrower and overlap less. Sufficient firmness to answer the use to which the box is to be put is what is required.

As a means of stiffening the front and rear of the box, strips Z may be glued or pasted on the inside, as shown by dotted lines in Fig. 1.

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

The paper box herein described—that is, provided with the strengthening central overlap *e* at the sides, as set forth, and also the closing lapels *g*, *h*, and *f f*, cut and folded as and for the purposes specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN WARREN WILCOX.

Witnesses:

DANIEL C. COLBY,
CHAS. F. WILCOX.