

GEORGE RUGER.

Improvement in Boxes for Candies, &c.

No. 127,431.

Patented June 4, 1872.

Fig. 1.

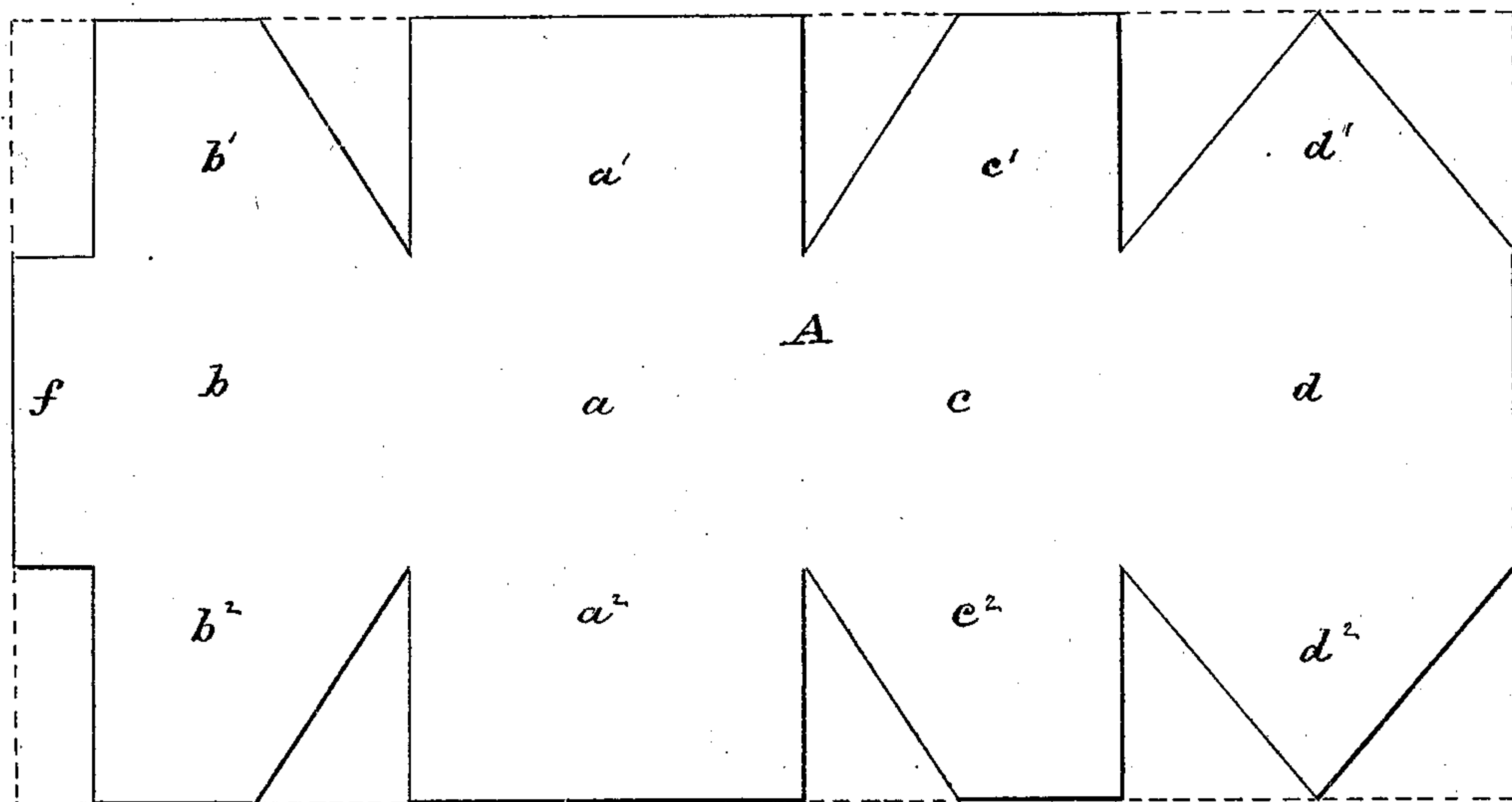


Fig. 2.

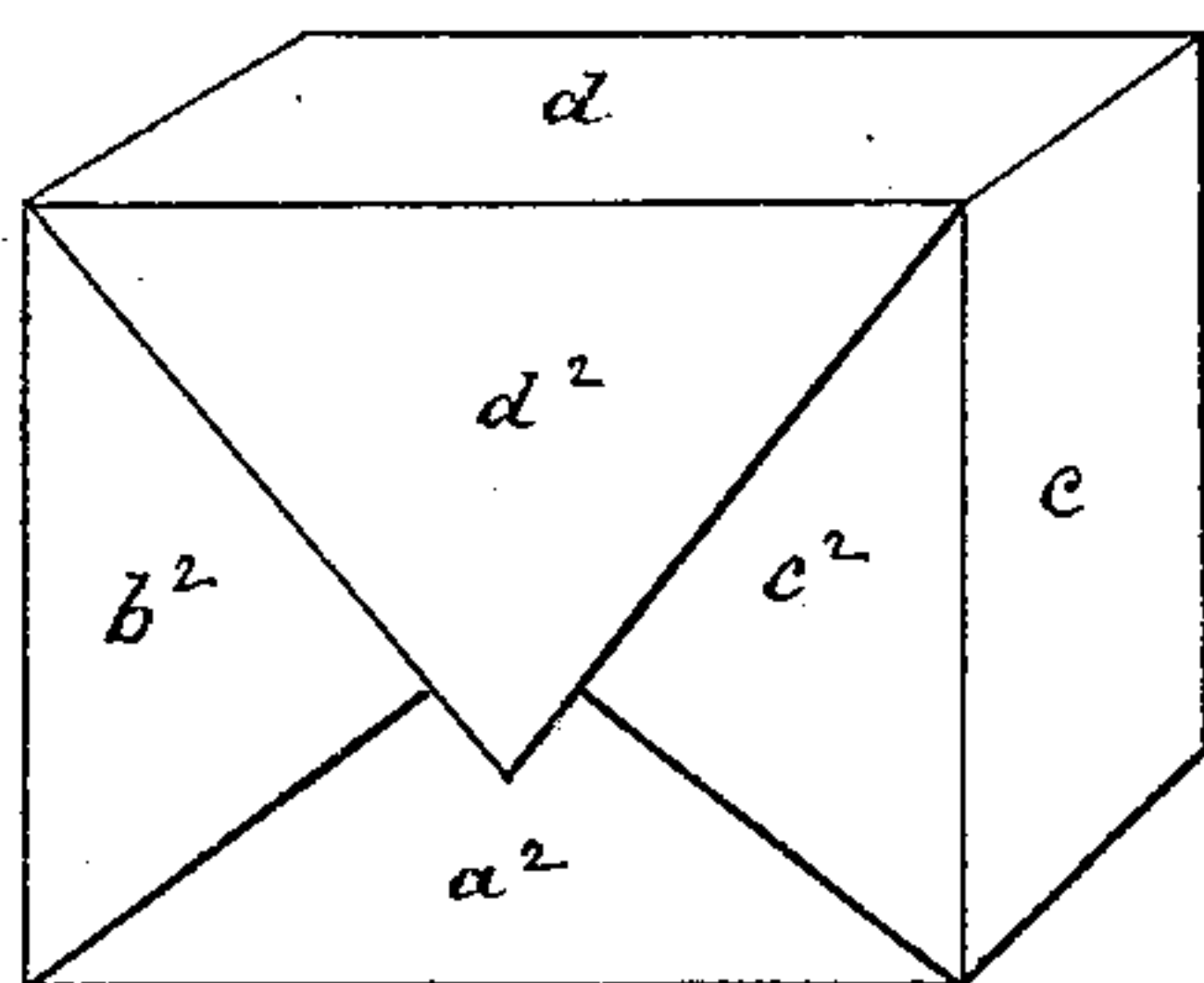


Fig. 3.

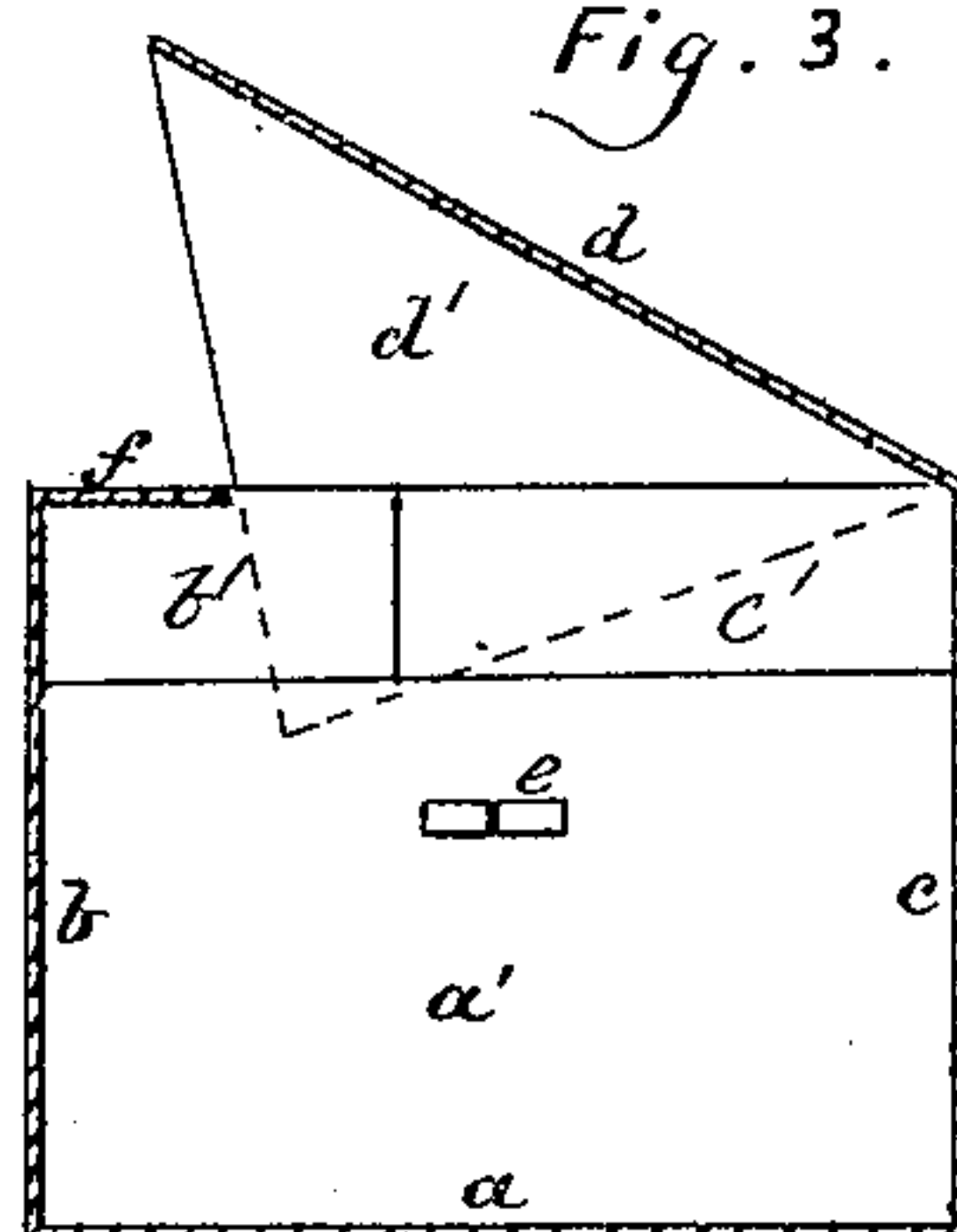
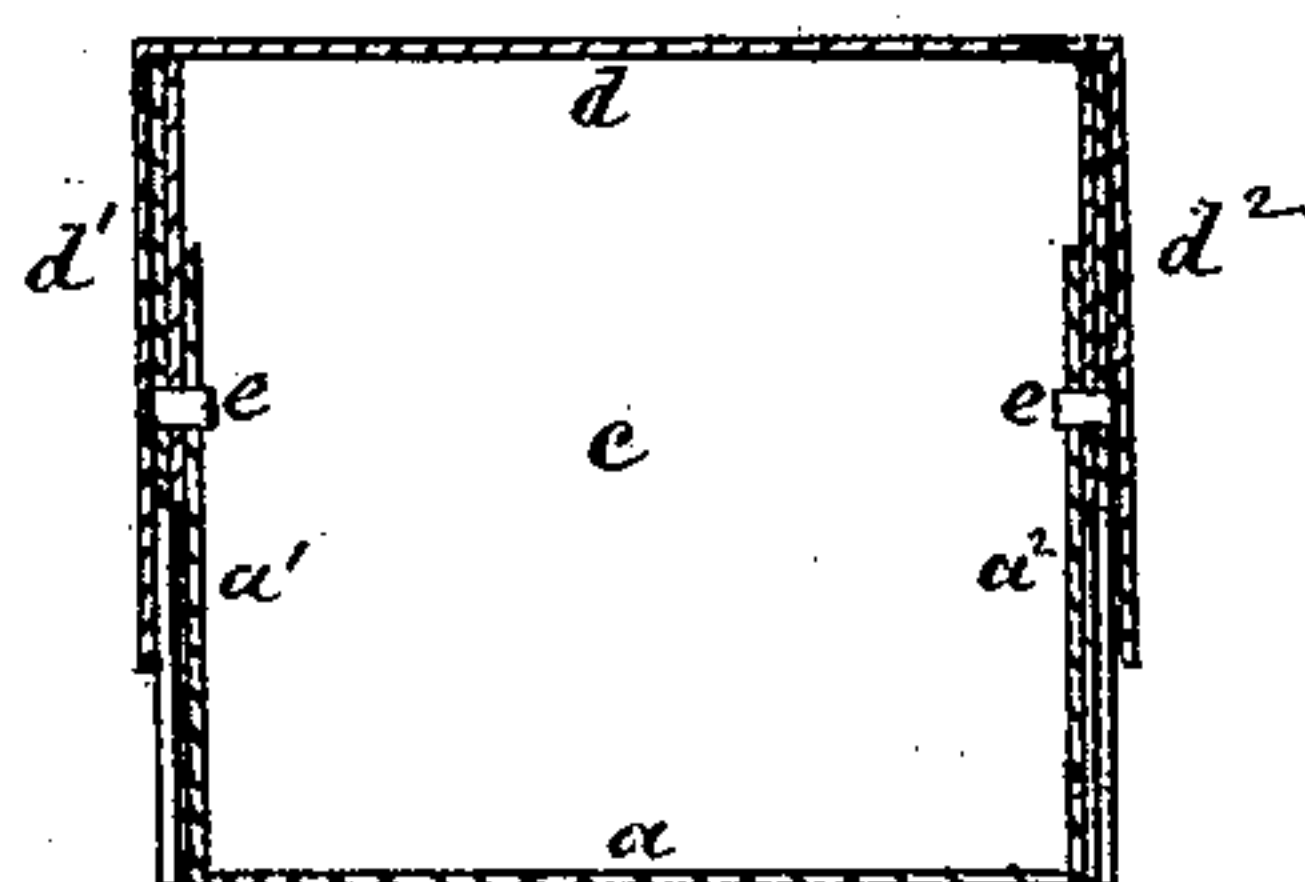


Fig. 4.



Witnesses :

Thos. Williams.
W. H. Dangerfield

Inventor :

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Fig. 5.

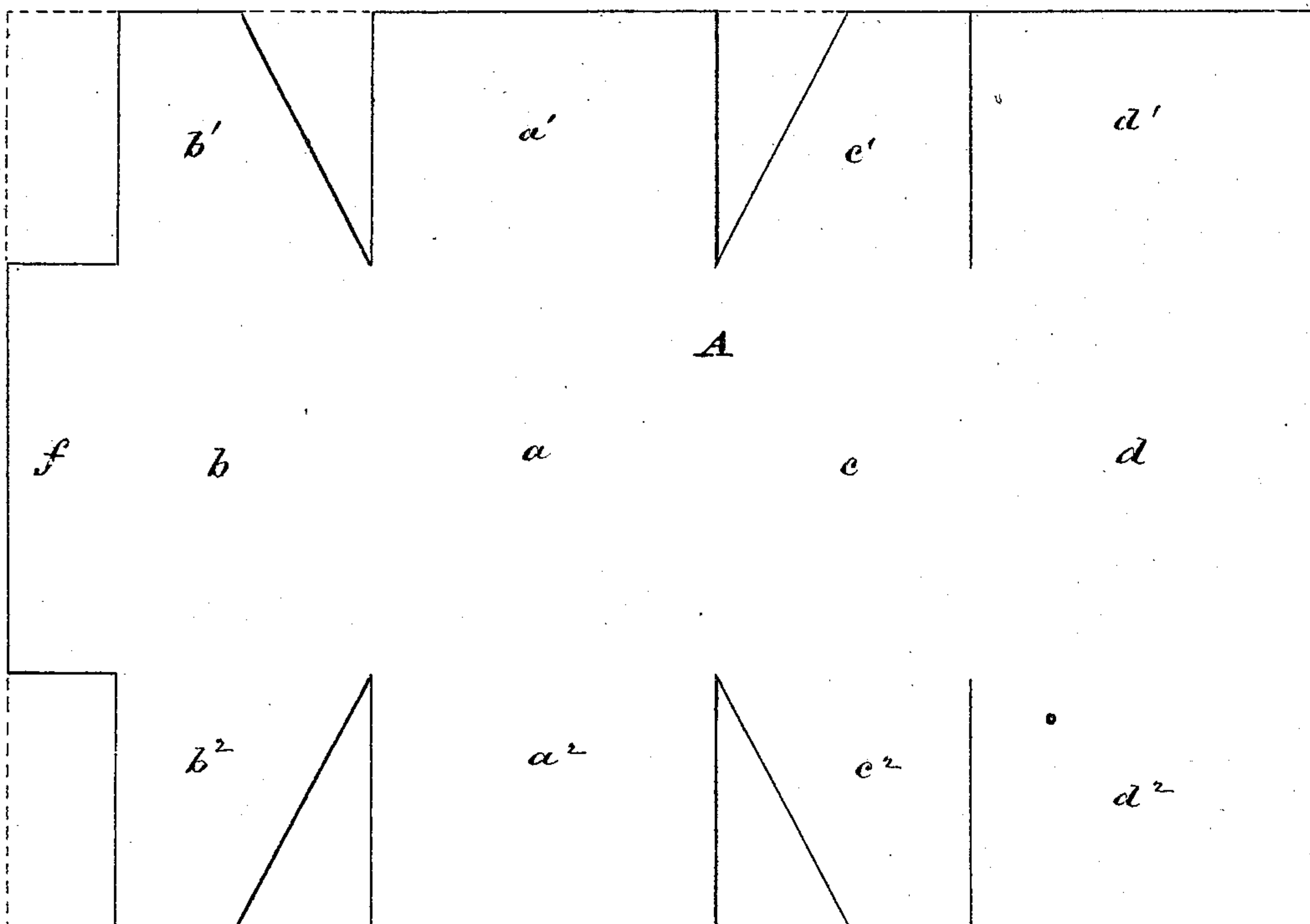
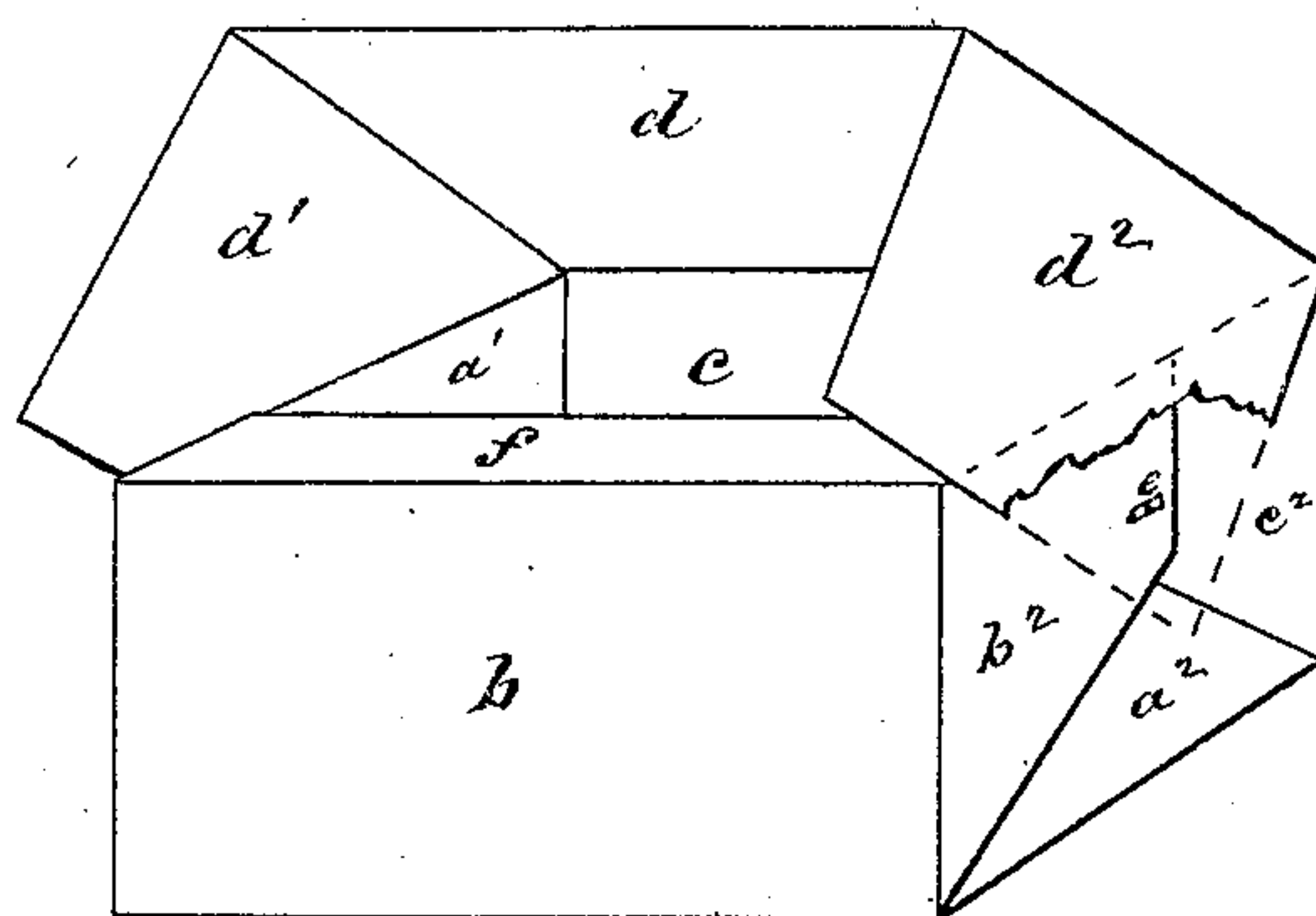


Fig. 6.



Witnesses:

Wm. H. Williams
W. A. Dangerfield

Inventor:

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UNITED STATES PATENT OFFICE.

GEORGE RUGER, OF LA FAYETTE CITY, INDIANA.

IMPROVEMENT IN BOXES FOR CANDIES, &c.

Specification forming part of Letters Patent No. 127,431, dated June 4, 1872.

Specification describing certain Improvements in Boxes for Candies, Cigars, Cigarettes, &c., invented by GEORGE RUGER, of La Fayette city, in the county of Tippecanoe and State of Indiana.

This invention relates to an improved arrangement whereby the various parts of boxes for the reception of candies, cigars, cigarettes, &c., are more advantageously punched, cut, or otherwise formed out of a single sheet of paper, card, or other suitable substance than heretofore, and the various parts are retained in their proper relative positions by means of a rivet, eyelet, or other similar means, thus forming a complete box without the necessity of employing any paste or mucilage to fasten the various parts together, thereby effecting a great saving in time and labor in manufacturing the same.

In carrying out my invention, I take a sheet of paper, card, or other suitable substance, and punch, cut, or otherwise form it to the desired shape, hereafter more fully shown and described. The sheet of paper, card, or other suitable substance, is then folded or bent into the desired form, and retained in that form by a rivet, eyelet, or other similar means; but that the nature of my invention may be fully understood, I will proceed to describe the same more in detail by aid of the accompanying drawing.

Description of the Drawing.

Figure 1 represents a sheet of paper, card, or other similar substance, A, cut, punched, or otherwise formed into the desired shape for the formation of a box, the dotted lines representing the form of the sheet A before being cut, punched, or shaped. Fig. 2 represents an end view in perspective of the box complete. Figs. 3 and 4 represent sections of the same.

On reference to Fig. 1, it will be seen that the sheet A is so shaped that the part *a* shall form the bottom of the box, the part *b* the front, and *c* the back, while the parts *d*, *d*¹, and *d*² form the cover or top of the same.

*a*¹ *a*² represent the portions which form the ends of the box over which the parts *b*¹ and *c*¹ and *b*² and *c*² are respectively lapped or folded, and the whole is retained in position as shown by a rivet, *e*, or it may be by an eyelet or other similar fastening. The part *f* is so formed that when the sheet A is folded or bent into the form of a box, as shown in Figs. 2, 3, and 4, it will serve as a guard to prevent any portion of the contents of the box accidentally falling or dropping out or being extracted without the box being opened.

Fig. 5 represents another sheet, A, punched, cut, or otherwise formed into a slightly different shape to that shown in Fig. 1. Fig. 6 shows an end view in perspective of a box formed from a sheet, such as represented in Fig. 5.

In each of these views the same letters are employed to indicate corresponding parts to those represented in Figs. 1, 2, 3, and 4, so that it is not necessary further to describe the same. It will, however, be seen that the parts *d*¹ and *d*² in this arrangement are of a square instead of an angular form, as in the previous arrangement.

Having thus described my invention, I would have it understood that I do not claim the principle of forming the various parts of boxes from a single sheet of paper, card, or other similar substance, as the said principle is not new; but

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

The arrangement of the parts *a* *a*¹ *a*², *b* *b*¹ *b*², *c* *c*¹ *c*², *d* *d*¹ *d*², and *f*, for forming the various parts of boxes from a single sheet of paper, card, or other similar substance, and retaining the various parts of the said boxes in their proper relative positions by means of a rivet, eyelet, or other similar means, *e*, substantially as shown and described.

GEORGE RUGER.

Witnesses:

GEO. W. PYNCHON,
WM. H. McKEEVER.