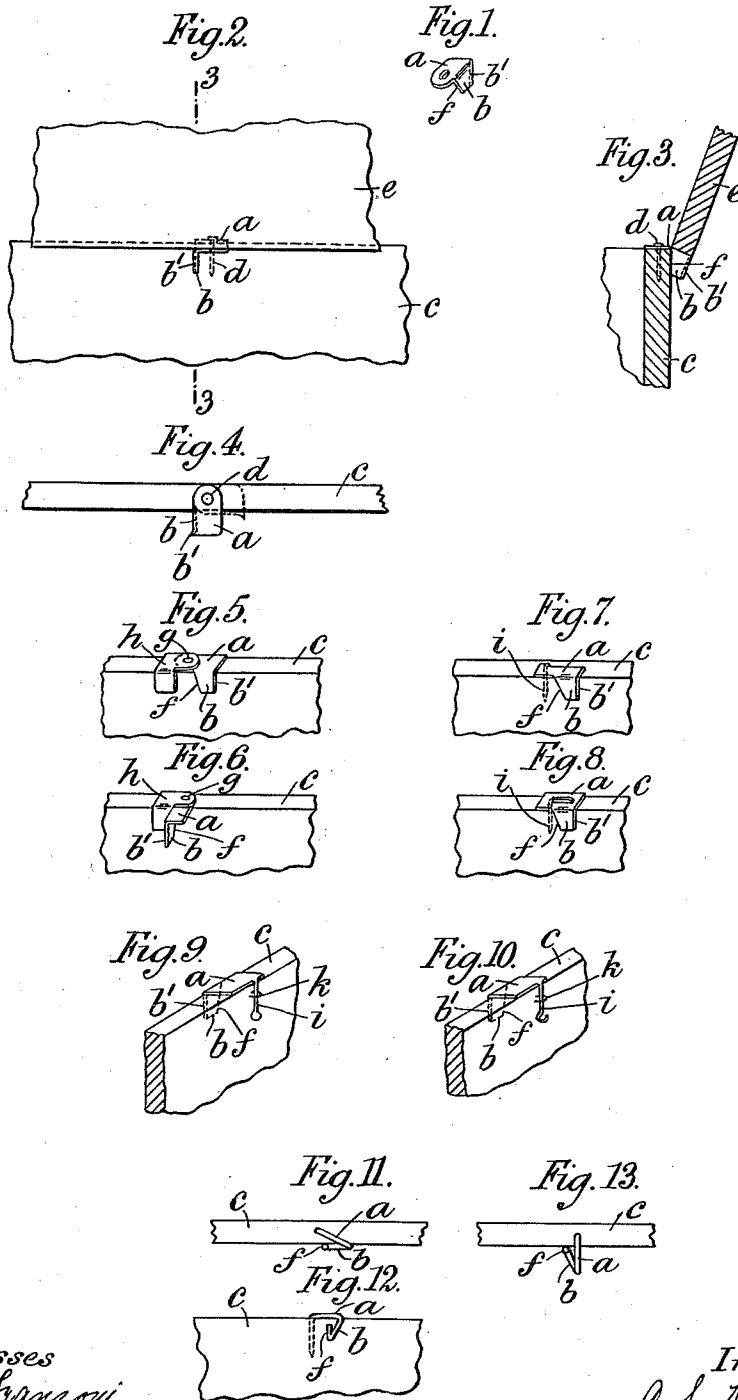


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MEANS FOR SUPPORTING THE LIDS OF BOXES AND THE LIKE.
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1,030,188.

Patented June 18, 1912.



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MEANS FOR SUPPORTING THE LIDS OF BOXES AND THE LIKE.

1,030,188.

Specification of Letters Patent.

Patented June 18, 1912.

Application filed September 30, 1911. Serial No. 652,033.

To all whom it may concern:

Be it known that I, ALFRED STEPHEN KING, a subject of the King of Great Britain, residing at "Hollinsclough," Eaton Road, Norwich, England, have invented new and useful Improved Means for Supporting the Lids of Boxes and the Like, of which the following is a specification.

This invention relates to improved means for supporting the lids of boxes and the like whereby the lid of a box after being opened is supported in a position slightly beyond the vertical so that any advertisement or the like printed thereon can be easily seen.

According to this invention an L-shaped support of metal is pivoted to the back of the box. When the lid is closed and the support is in its inoperative position the upper or horizontal part of the L piece lies under the lid but above the top edge of the back while the vertical part lies against the outside of the back. When the support is in its operative position, having been turned on its pivot through a right angle, the bottom, *i. e.* the back edge of the lid, rests upon the upper or horizontal part while one edge of the vertical part bears against the back of the box, this edge being cut at a slight angle to the vertical to allow the lid to turn beyond the vertical. The outer edge of the vertical part may be slightly beveled outwardly in order to allow the finger nail to be used in turning the part.

The drawings illustrate various ways in which the invention may be carried out.

Figure 1 is a perspective view of a support, Fig. 2 is an elevation of part of the back of a box with the lid open, Fig. 3 is a section on the line 3—3, Fig. 2, and Fig. 4 is a plan of the top of a box with the lid removed. Figs. 5 and 6 show a modification. Figs. 7 and 8 show supports made in one piece with the pivot, and Figs. 9 and 10 show modifications of the form shown in Fig. 7. Figs. 11, 12 and 13 show a support made of wire.

In Figs. 1 to 4 *a* is the upper or horizontal part of a support and *b* is the vertical part provided with an outward bevel *b'* by means of which the part *b* is operated by the finger nail. The support is secured to the back *c* by a nail *d* and except in Fig. 1 is shown in

its operative position, the lid *e* being supported by the part *a* while the edge *f* of the part *b* bears against the back *c*. In Fig. 4 the position of the support when not in use is indicated in dotted lines.

In Figs. 5 and 6 the support is pivoted at *g* to a trough piece *h* which fits and (or) clips over the top edge of the back *c*. Fig. 5 shows the support in its inoperative position and Fig. 6 in its operative.

Figs. 7 and 8 show modifications in which the support is made in one piece with the pivot. In Fig. 7 the pivot *i* is cut from the side of the part *a* while in Fig. 8 the pivot *i* is cut from the middle. Figs. 9 and 10 show modifications of the form shown in Fig. 7. In these modifications the ends of the pivots *i* are formed into a knob or hook, and by means of a staple *k* driven into the back as shown the pivotal leg is kept in position.

Fig. 11 shows a plan of the top of the back and Fig. 12 an elevation of the same, with the support in its inoperative position, Fig. 13 is a similar view to Fig. 11 with the support in its operative position.

What I claim is:—

1. The combination with a box and its lid, of an L-shaped piece pivotally secured to the back of the box and having an upper part on which the lid rests and a lower part having an inner edge which bears against the outside of the back of the box.

2. The combination with a box having a lid, of an L-shaped lid support having an upper part formed with a hole, a pivot passing through the hole into the top of the back of the box, and a lower part the edge of which bears against the outside of the back of the box when the lid is open.

3. The combination with a box and its lid, of an L-shaped lid support comprising a horizontal upper part pivotally connected with the upper edge of the back of the box and upon which the lid rests and a vertical lower part the inner edge of which bears against the outside of the back of the box when the lid is open.

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Witnesses:

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