D. S. TRUMBOWER.

FASTENER FOR COVERS OF BOXES.

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1,217,668.

Patented Feb. 27, 1917.

Fig. 1.

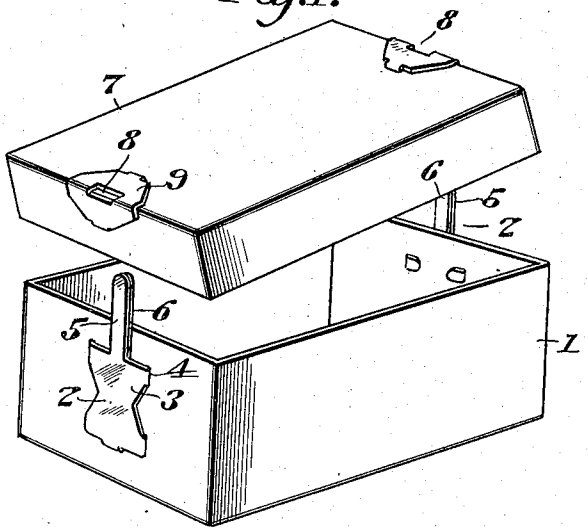


Fig. 2.

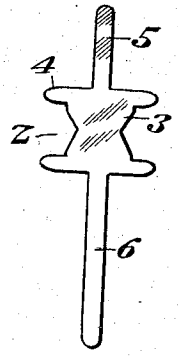


Fig. 3.

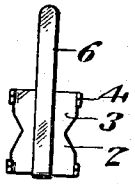


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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FASTENER FOR COVERS OF BOXES.

1,217,668. Specification of Letters Patent. Patented Feb. 27, 1917.

Application filed October 28, 1916. Serial No. 128,292.

To all whom it may concern:

Be it known that I, DAVID S. TRUMBOWER, a citizen of the United States, residing at Coatesville, in the county of Chester and State of Pennsylvania, have invented new and useful Improvements in Fasteners for Covers of Boxes, of which the following is a specification.

This invention relates to fasteners and has particular application to a fastener used for temporarily securing lids or covers of boxes.

The chief characteristic of this invention is to provide a device of this character which is formed from a single blank of material and which may be easily and quickly applied to a box to firmly secure the lid thereupon.

Another important object of this invention is to provide a device of this character having a pair of fastening tongues which in addition to holding the cover upon the box also perform the function of a card holder to disclose the contents of the box when the cover is removed.

Other objects of the invention will appear as the specification is read in connection with the accompanying drawings, in which:—

Figure 1 is a perspective view of the box showing my fastener applied thereto, the cover being removed.

Fig. 2 is a detail view of the blank from which the fastener is formed.

Fig. 3 is a rear elevation of the fastener as formed from the blank of material.

Fig. 4 is a detail perspective of the reinforcing plate.

Referring more particularly to the drawings, 1 designates a paper box of any common construction and which is in this instance of rectangular formation. Secured to the outer faces of the end walls of the box 1 are my improved form of fasteners 2. The fasteners 2 each comprise a single blank of material as shown in Fig. 2, which consists of a body portion 3 preferably of rectangular formation and which is formed of any suitable material such as tin or the like. Formed at the four corners of the body portion are spurs 4 which are adapted to be bent rearwardly to pierce the end wall of the box whereupon they are bent inwardly toward each other, thus holding the body portion securely upon the box. The upper and lower edges of the body portion are provided with tongues 5 and 6, the tongue upon the lower edge being relatively longer than the tongue upon the upper edge. Both of the tongues 5 and 6 are of a lesser width than that of the body portion 3, the longer tongue 6 being bent upwardly to underlie the body portion and terminating at a point flush with the free end of the tongue 5, thus it will be seen that the free extremities of both of the tongues 5 and 6 are disposed in vertical position and project beyond the upper edge of the box.

To receive the free ends of the tongues, I have provided the cover 7 of the box with rectangular openings 8 arranged adjacent the opposite ends thereof and extending transversely of the same. Each of the openings 8 is surrounded by a plate 9, the latter being provided with a rectangular opening which is adapted to register with the opening 8 while the opposite side edges of the plates are provided with spurs which are adapted to pierce the cover to hold the plates securely about the opening. It will be noted that the plate is bent longitudinally at its medial portion so that a portion thereof may lie upon the top of the cover while the remaining portion is secured to the end wall of the cover. It will be seen from this construction that the openings 8 are thoroughly reinforced and that the liability of the end walls of the cover being broken or collapsing is minimized.

In practice the fasteners are secured to the end walls of the box by means of the spurs 4 as is clearly shown in Fig. 1 of the drawing and as has been previously described. The free ends of the tongues 5 and 6 are then passed through the openings 8 formed in the cover, whereupon the tongues are bent at right angles in opposite directions so as to lie contiguous to the surface of the cover whereby the cover will be locked upon the box and the accidental removal of the same prevented.

When my device is used as a holder for the card to indicate the contents of the box, the card is placed between the free ends of the tongues by slightly forcing them apart whereby, owing to the resiliency of the tongues, the card will be held securely therebetween.

It is thought from the foregoing taken in connection with the accompanying drawings that the construction and operation of my

device will be apparent to those skilled in the art and that minor changes in size, shape and minor details of construction may be made without departing from the spirit and scope of the appended claims.

What I claim is:—

1. A lid fastener for boxes comprising a single blank of material, tongues formed on the opposite ends of said blank, one of said tongues being relatively longer than the other and bent to underlie the blank and to extend beyond the opposite end of the blank and terminating flush with the free end of the shorter tongue.

2. A lid fastener for boxes comprising a single blank of material, tongues formed on the opposite ends of said blank, one of said tongues being relatively longer than the other and bent to underlie the blank and to extend beyond the opposite end of the blank and terminating flush with the free end of the shorter tongue, both of said tongues being of a width less than that of the blank.

3. A lid fastener for boxes comprising a rectangular body portion, spurs formed on the corners of said body portion, tongues formed on the upper and lower edges of said body portion, the tongue upon the lower edge being relatively longer than the tongue upon the upper edge and bent to underlie the blank and to extend beyond the upper edge and terminating flush with the free end of the shorter tongue.

In testimony whereof I affix my signature.

DAVID S. TRUMBOWER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents Washington, D. C."