

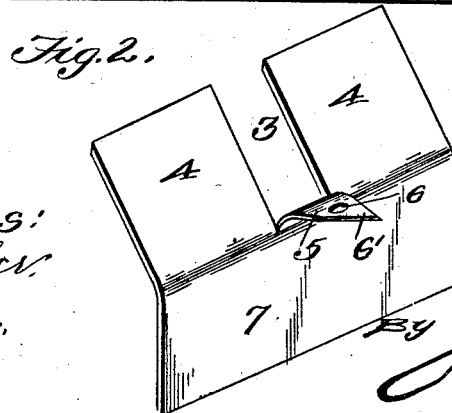
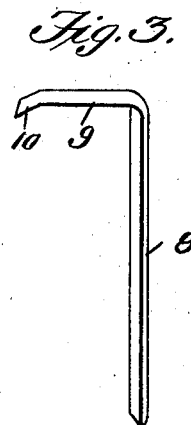
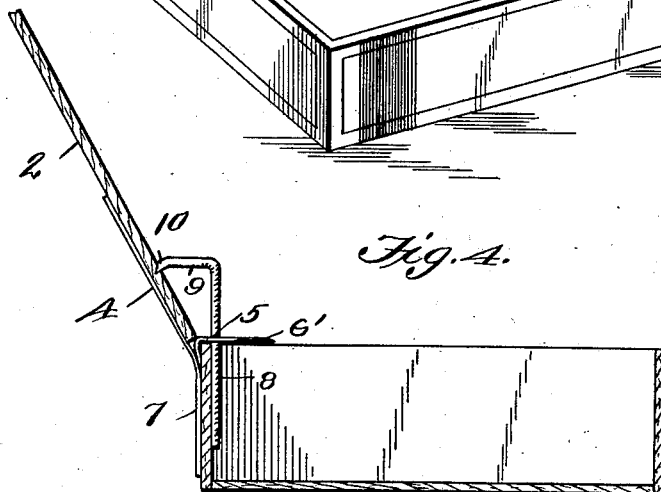
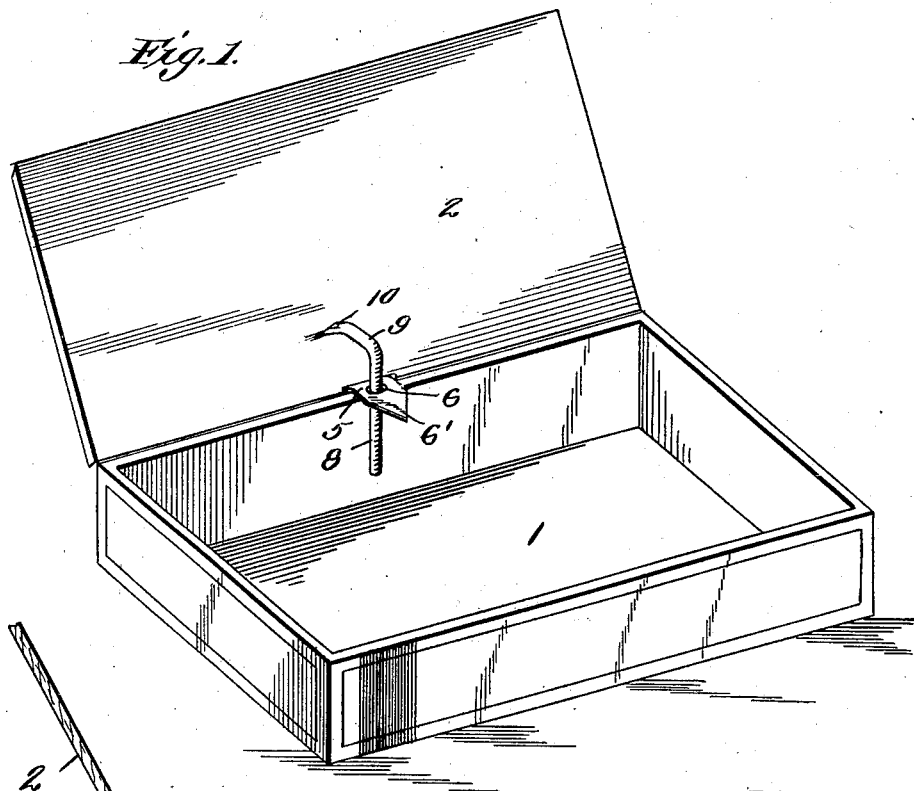
No. 676,325.

Patented June 11, 1901.

E. KUBIAS.  
BOX COVER BRACE AND SUPPORT.

(Application filed Feb. 15, 1901.)

(No Model.)



Witnesses:  
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# UNITED STATES PATENT OFFICE.

ELIJAH KUBIAS, OF LOS ANGELES, CALIFORNIA.

## BOX-COVER BRACE AND SUPPORT.

SPECIFICATION forming part of Letters Patent No. 676,325, dated June 11, 1901.

Application filed February 15, 1901. Serial No. 47,494. (No model.)

*To all whom it may concern:*

Be it known that I, ELIJAH KUBIAS, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Box-Cover Braces and Supports, of which the following is a specification.

This invention relates to certain new and useful improvements in box-cover braces and supports, and is particularly adapted for use in connection with the supporting and bracing of cigar-box covers.

The invention aims to construct a brace and support for box-covers, particularly hinged covers, for sustaining the same rigidly in an open position, thereby relieving the strain upon the open cover incident to the handling thereof when in such condition without interfering in the slightest with the brace and support or shifting it materially from the position in which it is placed; furthermore, to provide a device of this character capable of being expeditiously attached to the box, so that it will serve to hold the cover open and at an angle to the box to enable the inscription or advertising display upon the inner face of the cover to be readily seen, and to further provide a brace and support, as before stated, particularly adapted for use with hinged covers, but separate and independent thereof, so the same can be used repeatedly with different boxes; and to this end the invention aims to construct a device of the above character which shall be extremely simple in construction, strong, durable, and efficient in its use, and comparatively inexpensive to manufacture.

The invention finally consists in the novel combination and arrangement of parts hereinafter more specifically described, illustrated in the accompanying drawings, and particularly pointed out in the claims, and in describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, wherein like numerals of reference indicate corresponding parts throughout the several views, and in which—

Figure 1 is a perspective view of a box with the cover supported in an open position by my improved device. Fig. 2 is an elevation of the supporting-plate. Fig. 3 is a like view

of the fastening-arm for the supporting-plate. Fig. 4 is a vertical section.

Referring to the drawings by reference-numerals, 1 denotes the body of the box, and 2 the cover, which is rigidly sustained in an open position at any desired angle by means of a supporting-plate and fastening-arm forming the brace and support, which will now be described.

The supporting-plate is formed of a rectangular piece of sheet metal of any desirable thickness having a centrally-arranged opening 3, a pair of angularly-disposed supports 4, and a tongue 5, projecting from the plate at the lower end of the opening 3. The lower portion of the tongue 5 extends upwardly in a curvilinear manner, and the upper or remaining portion projects from the plate in a horizontal manner and is provided with the opening 6. The end of the tongue 5 is formed approximately V-shaped, as at 6', and is formed with a knife-edge to assist the passage of the tongue when inserted between the cover and top of the rear wall of the box, as will be hereinafter described. The lower portion 7 of the supporting-plate extends in a vertical manner, while the upper portion or supports 4 extend at an obtuse angle thereto. The supporting-plate when in position is arranged in the following manner. The tongue 5 is inserted between the lower edge of the cover and top edge of the rear wall of the box, the opening 6 of the tongue is free of the top edge of the rear wall of the box; the supports 4 of the plate engage the outer face of the cover, supporting the latter at an inclination, and portion 7 of the plate engages the outer face of the rear wall of the box.

The fastening-arm for bracing the cover in an open position as well as securing the supporting-plate to the box consists of a metallic rod 8, semicylindrical in cross-section and having its upper portion bent at right angles thereto, as 9, the end thereof bent downwardly and beveled, as at 10. The angular portion 9 of the rod may be of any desired length, but it is preferable to have the same somewhat shorter than the remaining portion of the rod. The fastening-arm is arranged in connection with the supporting-plate in

the following manner: After the supporting-plate is attached to the box, as hereinbefore described, the rod 8 is inserted through the opening 6 of the tongue in such a manner that the flat face thereof will engage the inner face of the rear wall of the box and the end of the angular portion 9 will engage the inner face of the cover of the box. When the fastening-arm is in position, as above described, the cover will not only be secured to the supporting-plate, but will be braced in such manner that it will permit of handling the box by grasping the cover without loosening the latter.

15 The device being constructed in the manner set forth is comparatively inexpensive, and it provides a new and novel means for rigidly holding the hinged cover of a box at any desirable angle, and it is especially adapted when it is required to display goods without removing them from the box or receptacle, and, as hereinbefore set forth, supporting the cover of the box in such a manner that the inscription thereon, such as the cost of the contents, advertising, or other matters, can be readily seen. Furthermore the end of angular portion 9 of the fastening-arm will permit of the attaching to the cover a ticket, placard, or other device, if desired. For example, when the device is used in connection with the sale of cigars the usual price-tag can be secured to the cover between the same and the end of the angular portion 9 of the fastening-arm. Therefore it is thought the many advantages of my improved brace and support for hinged covers of boxes can be readily understood from the foregoing description, taken in connection with the accompanying drawings, and it will be noted that minor changes may be made in the details of construction without departing from the general spirit of my invention.

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

1. A brace and support for hinged covers of boxes, consisting of a supporting-plate, a tongue formed integral with said plate and adapted to project into the box, and means extending through said tongue for securing the plate in position.

2. A brace and support for hinged covers of boxes, consisting of a supporting-plate engaging the box body and cover, a tongue projecting from said plate and having an opening and a knife-edge, and means extending

through said tongue for securing the plate in position.

3. A brace and support for hinged covers of boxes, consisting of a supporting-plate engaging the box body and cover, a tongue projecting from said plate and provided with an opening, and means extending through said opening and engaging the cover and box-body for securing the plate in position.

4. A brace and support for hinged covers of boxes, consisting of a supporting-plate engaging the box body and cover, an upwardly and horizontally extending tongue formed integral with said plate, and means extending through the horizontal portion of said tongue and engaging the box body and cover for securing the plate in position.

5. A brace and support for hinged covers of boxes, consisting of a supporting-plate having vertical and angular portions, the former engaging the box-body and the latter the box-cover, a tongue projecting from said plate, and means extending through said tongue and engaging the box body and cover for securing the plate in position.

6. A brace and support for hinged covers of boxes, consisting of a supporting-plate engaging the box body and cover, a tongue projecting from said plate, and a fastening-arm for said plate, extending through said tongue, engaging the box-body, and formed with an angular portion engaging the box-cover.

7. A brace and support for hinged covers of boxes, consisting of a supporting-plate engaging the box-body, a tongue projecting from said plate, and a fastening-arm for the said plate, semicylindrical in cross-section, extending through said tongue, engaging the box-body, and formed with an angular portion engaging the box-cover.

8. A brace and support for hinged covers of boxes, consisting of a supporting-plate having vertical and angular portions and a tongue projecting therefrom having a knife-edge and opening, and a fastening-arm extending through said opening consisting of a rod having an angular portion and semicylindrical in cross-section.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ELIJAH KUBIAS.

Witnesses:

C. J. MATLOCK,  
OSCAR LAWLER.