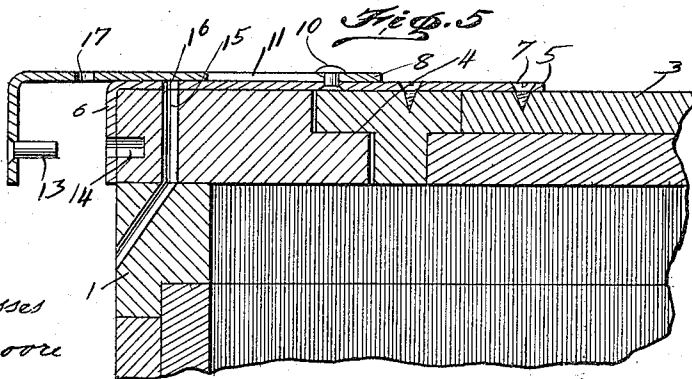
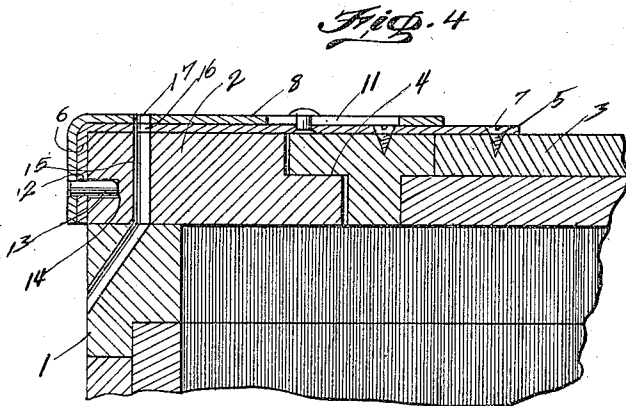
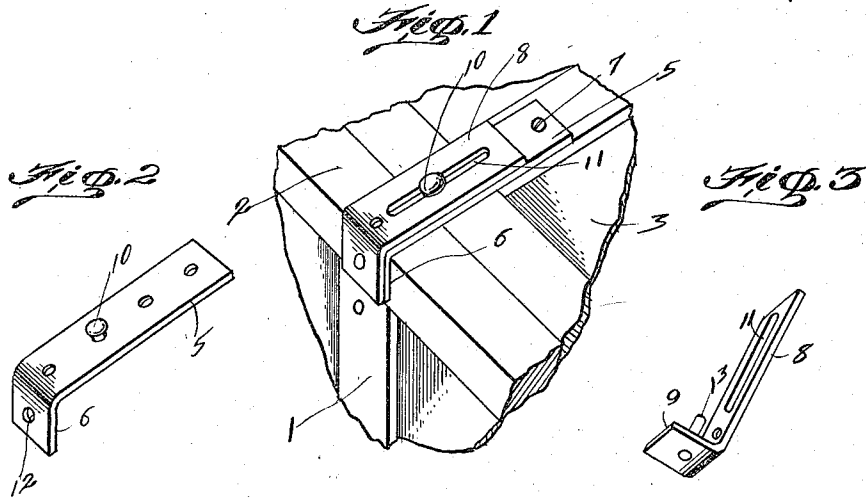


C. B. DAVIS.  
FASTENING DEVICE.  
APPLICATION FILED SEPT. 27, 1917.

1,279,519.

Patented Sept. 24, 1918.



Witnesses  
H. Moore

Inventor  
C. B. Davis

*[Signature]*

By *[Signature]*

Attorneys

# UNITED STATES PATENT OFFICE.

CLAUDE B. DAVIS, OF RICHMOND, VIRGINIA, ASSIGNOR OF ONE-THIRD TO OSBOURN WATTSON AND ONE-THIRD TO MICHAEL J. DACY, BOTH OF RICHMOND, VIRGINIA.

## FASTENING DEVICE.

1,279,519.

Specification of Letters Patent. Patented Sept. 24, 1918.

Original application filed October 24, 1916, Serial No. 127,457. Divided and this application filed September 27, 1917. Serial No. 193,491.

### *To all whom it may concern:*

Be it known that I, CLAUDE B. DAVIS, a citizen of the United States, residing at Richmond, in the county of Henrico, State of Virginia, have invented certain new and useful Improvements in Fastening Devices; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to fastening devices.

The object of the invention is to provide a simple and practical fastening for the lids of boxes, crates and other containers. Particularly, it is the object of the invention to provide a fastening device which will securely lock and brace the lids of knock-down shipping crates of the type shown in my co-pending application Serial No. 127,457, filed October 24, 1916, of which this application is a division. In said application, the lid of the crate closes within a top frame, the latter being rigid with the sides and ends of the box when the latter is set up, and the fastening device being operative to secure the free edge of the lid to the frame.

With the above objects in view, and such others relating to the details of construction as may hereinafter appear, my invention will now be fully set forth and described, reference being had to the accompanying drawings.

In the drawings:—

Figure 1 is a perspective view of a portion of a box having my invention applied thereto,

Fig. 2 is a perspective view of an angle plate,

Fig. 3 is a similar view of the slidable angle plate,

Fig. 4 is a sectional view through the box, and

Fig. 5 is a further sectional view showing the fastening device opened.

Referring more particularly to the drawings, 1 represents the front side of a box or crate along whose upper edge is supported a portion 2 of a top frame. A lid or cover 3 is hinged to the top frame, and is so constructed that its forward edge seats in a rabbet 4 which is formed along the rear edge of the portion member 2.

Secured upon the top of the lid or cover

3 is the member 5 of an angle plate which extends forwardly over the frame portion 2, when the lid is closed, and has its other member 6 downturned so that it will overlies snugly the outer edge of the top frame portion 2 when the lid is closed. Any suitable elements such as the screws 7 may be employed to secure member 5 to the lid. The angle plate described is received within the angle of a second angle plate including the members 8 and 9 that are disposed respectively against the outer faces of the members 5 and 6. The slide plate 8 is held in position upon the base plate 5 by means of a headed pin 10 which is carried by the latter and projects through a slot 11 in the slide plate. The downturned end 6 is provided with an aperture 12, and the tongue 9 has securely fixed therein a pin 13 which is axially aligned with the aperture 12, so that when the slide plate 8 is slid rearwardly, the pin 13 will enter the aperture 12. Also, the portion 2 of the top frame of the box is provided with a recess 14 which registers with the aperture 12 when the lid is closed, so that continued rearward movement of the angle plate will cause the pin 13 to shoot into the recess and thereby lock the lid to the top frame.

In order to provide a means for sealing the lid against unauthorized opening, I form through the portion 2 and the side 1 a passage 15 which registers with an aperture 16 formed in the base plate 5. Also in the member 8 is formed an aperture 17 which registers with the opening 16, when the outer angle plate is in locking position. Then, a sealing wire may be passed through the continuous opening thus presented and may be sealed in a usual manner.

It will be apparent that while I have described the device in its application to a particular box structure, it may be applied to practically any structure in which the lid swings down within or upon a side member. That is, it may be employed upon boxes in which the lid closes flush with the top edge of the side or closes down upon the top edge.

The device is a simple and practical fastener, and, while providing a secure lock, does away with the need of a lock plate around the locking aperture, since the member 6 serves as such an element.

What I claim as my invention is:—

1. A fastening device, comprising a base

plate adapted to be carried by the lid of a box and having its forward end downturned to contact the edge of the box, a slide plate carried by the base plate and overlying the latter substantially throughout its length, a downturned portion on the outer end of the slide plate adapted to contact with the downturned portion of the base plate, a lock pin carried by the slide plate and adapted to be engaged with a recess in the box when the downturned portions are brought into contacting relation.

2. A fastening device for boxes comprising a pair of angle plates disposed one within the angle of the other, each having one side member slidably connected with the cor-

responding side member of the other plate, the inner plate being adapted for attachment over the corner of a box and having a perforation in its other side member and the outer plate having a pin projecting from its other side member, disposed and proportioned to engage said perforation and pass into and out of projecting position beyond the inner face of the perforated member.

In testimony whereof, I affix my signature in the presence of two witnesses.

CLAUDE B. DAVIS.

Witnesses:

WILLIAM M. BANIAN,  
BERNARD J. DAVIS.

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