

No. 860,007.

PATENTED JULY 16, 1907.

J. W. YOUNG.  
BOX COVER FASTENER.  
APPLICATION FILED AUG. 4, 1905.

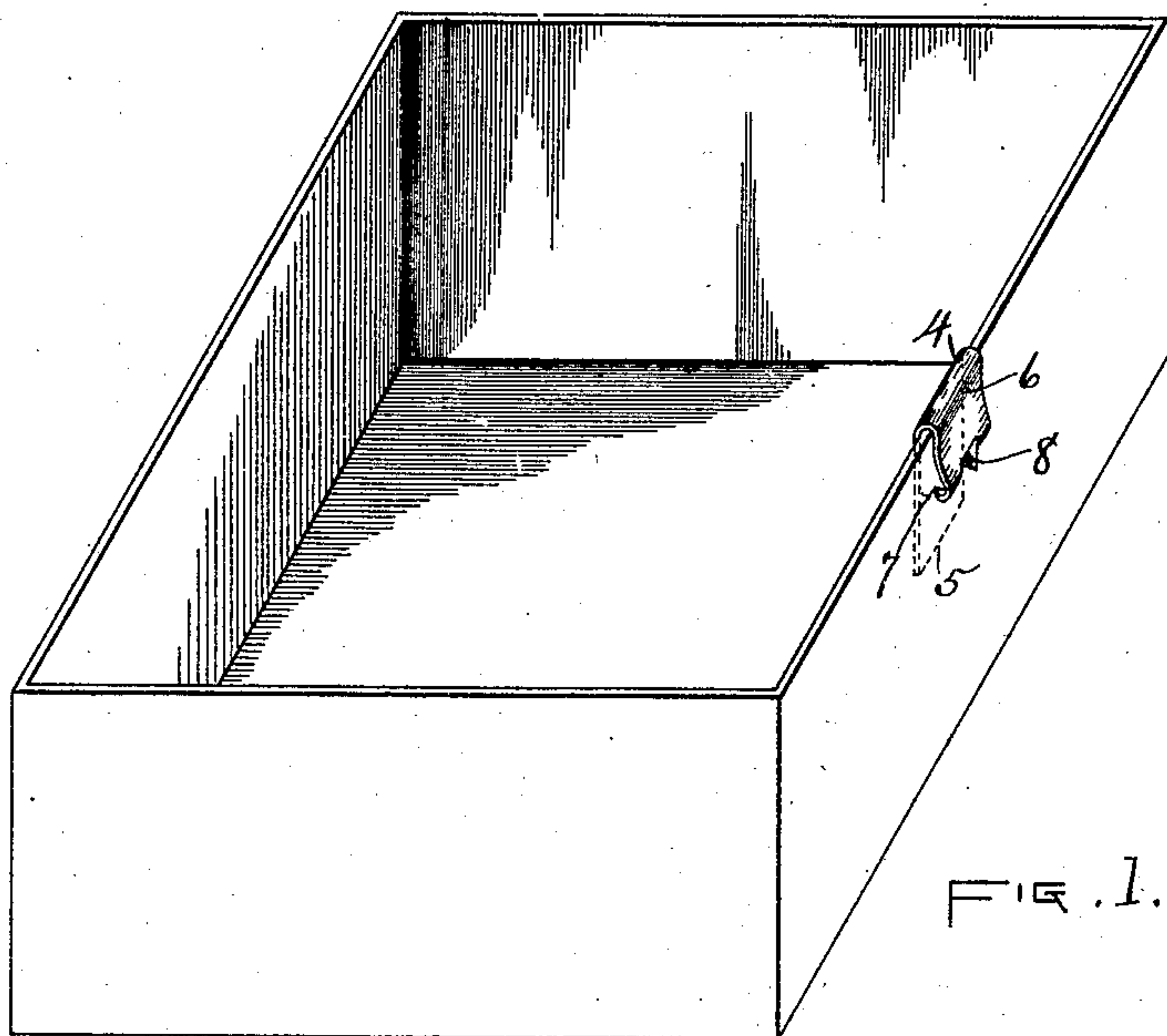


FIG. 1.

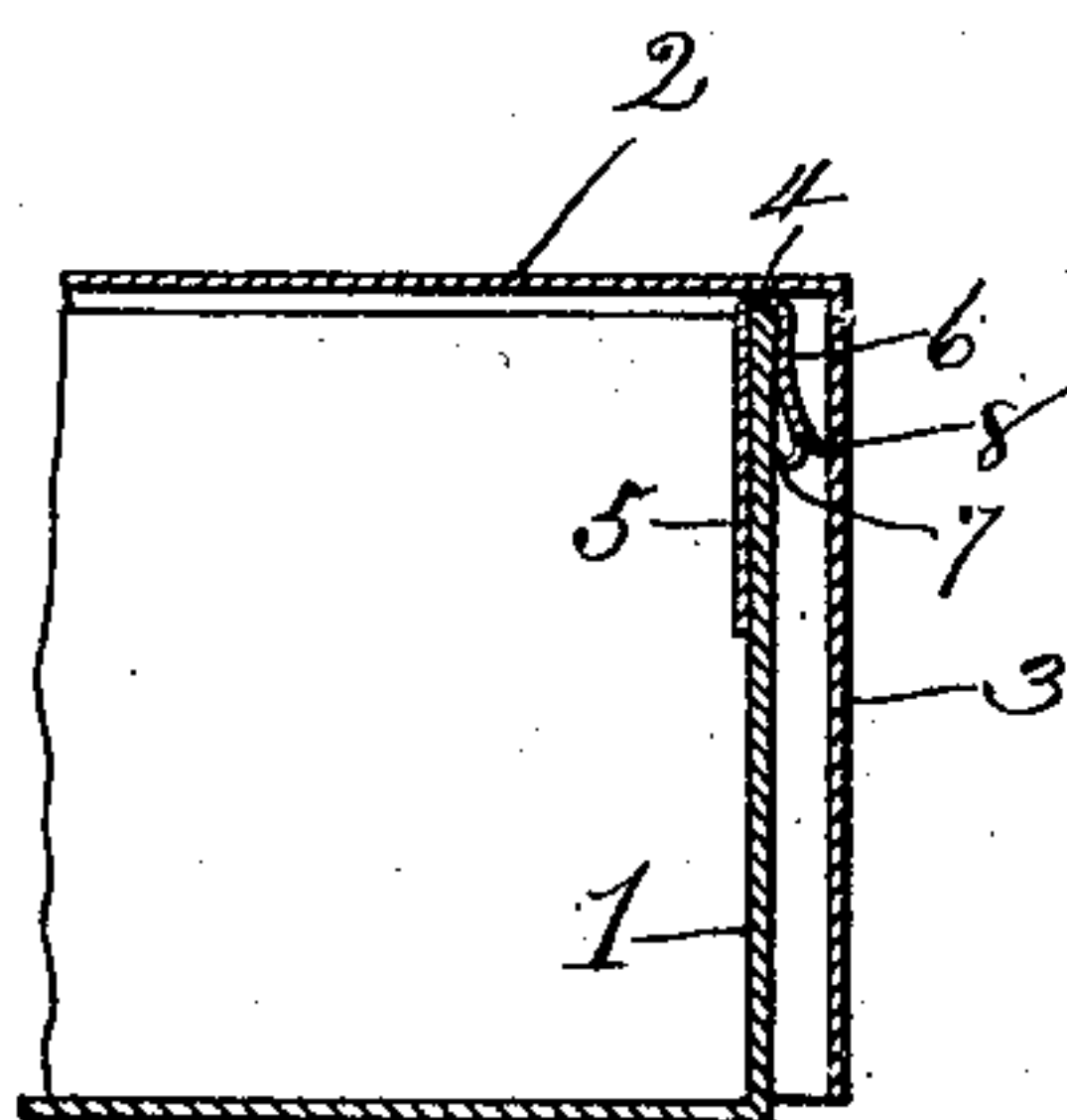


FIG. 2.

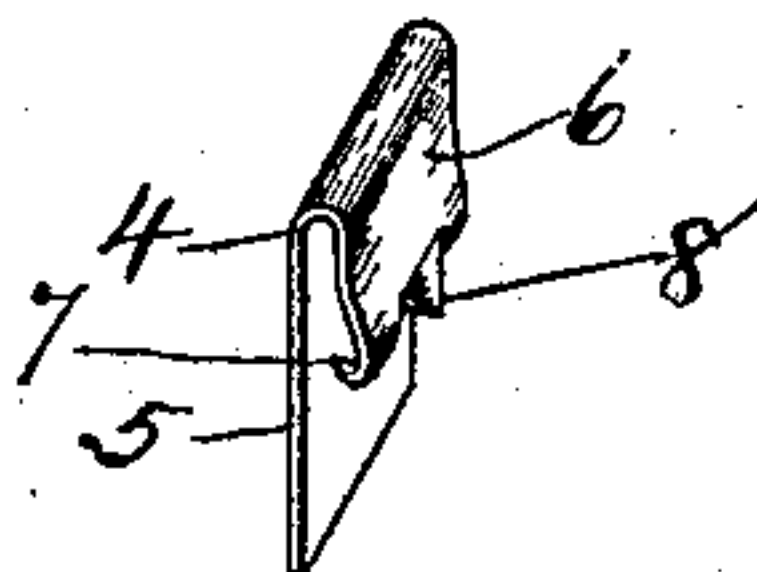
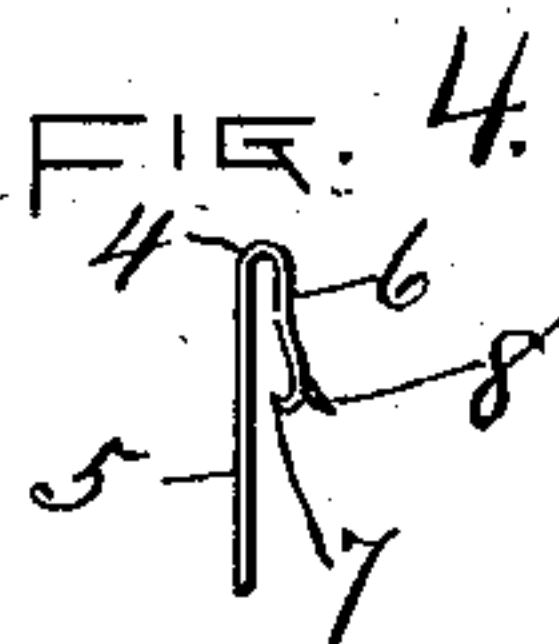


FIG. 3.

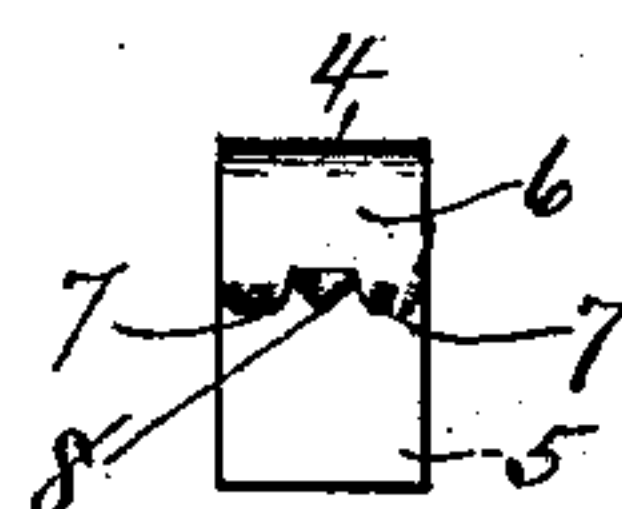


FIG. 5.

WITNESSES

*S. C. Booth*  
*E. M. O'Reilly*

INVENTOR

*John W. Young*  
By *Mosher Curtis*  
attys

# UNITED STATES PATENT OFFICE.

JOHN W. YOUNG, OF TROY, NEW YORK, ASSIGNOR OF ONE-HALF TO HARVEY S. McLEOD,  
OF TROY, N. Y.

## BOX-COVER FASTENER.

No. 860,007.

Specification of Letters Patent.

Patented July 16, 1907.

Application filed August 4, 1905. Serial No. 272,641.

*To all whom it may concern:*

Be it known that I, JOHN W. YOUNG, a citizen of the United States, residing at Troy, county of Rensselaer, and State of New York, have invented certain new and useful Improvements in Box-Cover Fasteners, of which the following is a specification.

The invention relates to such improvements and consists of the novel construction and combination of parts hereinafter described and subsequently claimed.

Reference may be had to the accompanying drawings, and the reference characters marked thereon, which form a part of this specification.

Similar characters refer to similar parts in the several figures therein.

Figure 1 of the drawings is a view in perspective of the body of a box with my improved fastener applied thereto. Fig. 2 is a vertical cross-section of the box with the cover secured thereto by means of my improved fastener. Fig. 3 is a view in perspective of the fastener detached. Fig. 4 is an edge view of the same. Fig. 5 is a side view of the same.

The principal object of the invention is to provide an easily applied and effective substitute for cord or twine for temporarily securing the cover to the body of a box, such as ordinary paste-board or paper boxes.

Referring to the drawings, 1, represents the body of the box, and, 2, the cover thereof having a flange, 3, depending exteriorly of the side walls of the body parallel therewith, the same representing the usual construction of paste-board box.

The fastener, 4, is a U-shaped device preferably struck up from a piece of sheet metal, one leg, 5, thereof being left plain and the other leg, 6, thereof terminating in teeth or points, one or more of which, as 7, are bent inwardly to an upwardly inclined position, and one or more of which, as 8, are bent outwardly to a downwardly inclined position.

The fastener is adapted to embrace the side wall of the box being forced down over the upper edge of the same to the position shown in Figs. 1 and 2, in which position the upwardly and inwardly projecting pointed teeth, 7, engage the outer surface of the box wall, thus serving to retain the fastener against an upward movement of displacement.

One or more of the fasteners having been thus applied to the body of the box, the cover is placed upon the box body in the usual manner, whereby the cover flange, 3, is forced downwardly outside of and in engagement with the outwardly projecting tooth or teeth, 8, which by engagement with the inner surface of the

cover flange prevents an upward movement of displacement of the cover, unless sufficient force is used to tear or break either the box-wall or cover-flange.

The fastener can thus be used in place of a cord or string tied around the box and cover and can be much more quickly applied than a string or cord.

Being struck up from sheet metal the fasteners can be easily and cheaply made and they are capable of repeated use if desired.

By employing resilient sheet metal the fasteners can be made to embrace the side wall of the box with sufficient force to indent the teeth, 7, therein, independently of any lateral pressure exerted by the flange of the cover, but if the metal is not sufficiently resilient to do this the pressure exerted by the flange of the cover will cause oppositely the projecting teeth to indent both the box-wall and cover-flange.

The cover may be released by inserting a knife-blade or similar instrument between the box-wall and cover-flange.

If desired, the fastener can be applied in inverted position to the edge of the cover flange, instead of to the edge of the side wall of the box.

What I claim as new and desire to secure by Letters Patent is

1. A box-fastener comprising a substantially U-shaped device adapted to receive and embrace the upper edge of the side wall of a box, the members of said device being flat and lying closely together parallel with each other and having on its outer leg an inwardly projecting pointed tooth adapted to engage the outer side of the box-wall, and an outwardly projecting pointed tooth adapted to engage the inner side of the flange of a box-cover applied to said box-body.

2. A box-fastener comprising a substantially U-shaped piece of sheet metal having on one of its legs an inwardly projecting upwardly inclined pointed tooth, and an outwardly projecting downwardly inclined pointed tooth, said teeth being adapted to engage and penetrate parallel plane surfaces.

3. The combination with a box-body and a flanged cover applied thereto; of a fastener of substantially U-shape applied to and embracing the upper edge of the box side wall, and having on its outer leg oppositely projecting pointed teeth one upwardly and inwardly inclined and another outwardly and downwardly inclined engageable respectively with the outer surface of the box-wall and the inner surface of the cover flange.

In testimony whereof, I have hereunto set my hand this 1st day of August, 1905.

JOHN W. YOUNG.

Witnesses:

FRANK C. CURTIS,  
E. M. O'REILLY.