No. 893,276. PATENTED JULY 14, 1908.

M. STRICKLER.

LABEL CUTTING ATTACHMENT FOR BOXES.

APPLICATION FILED OCT. 25, 1907.

Fig. 1.

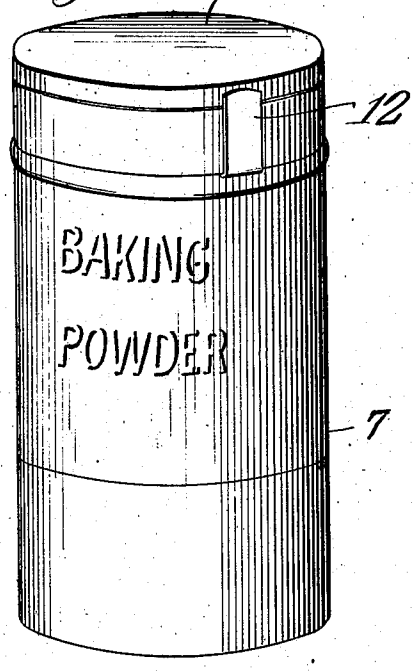


Fig. 2.

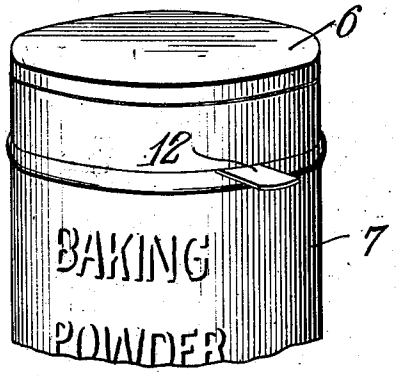


Fig. 4.

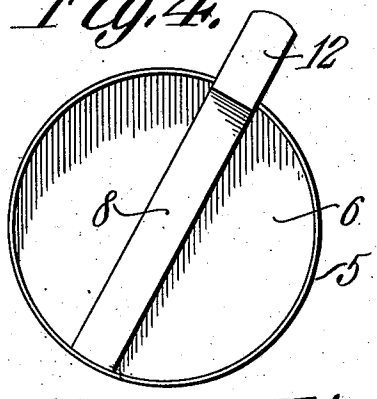


Fig. 5.

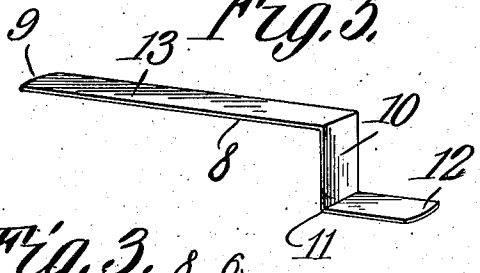


Fig. 3.

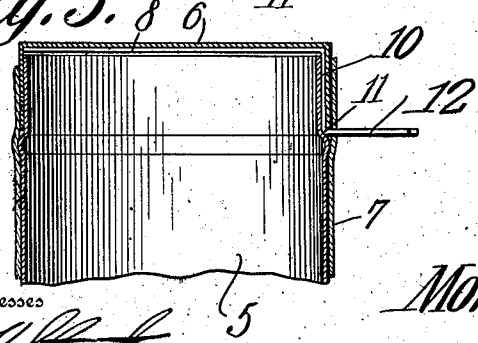
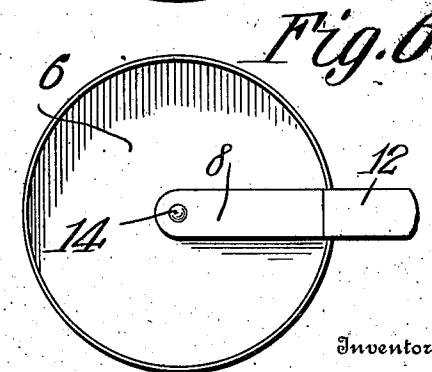


Fig. 6.



Witnesses

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LABEL-CUTTING ATTACHMENT FOR BOXES.

No. 893,276. Specification of Letters Patent. Patented July 14, 1908.

Application filed October 25, 1907. Serial No. 399,186.

To all whom it may concern:

Be it known that I, MORRIS STRICKLER, a citizen of the United States, residing at Hummelstown, in the county of Dauphin and State of Pennsylvania, have invented a new and useful Label-Cutting Attachment for Boxes, of which the following is a specification.

This invention relates to label cutting attachments for boxes and similar containing vessels and has for its object to provide a comparatively simple and inexpensive device of this character for cutting the seal or label of a box thereby to permit the removal of the cover.

A further object of the invention is to provide a label cutting attachment including a blade adapted to bear against the lower surface of the box cover and having one end thereof extended downwardly between the cover and the body of the box and provided with a terminal finger piece so that the blade may be conveniently rotated to cut or sever the label.

A still further object of the invention is generally to improve this class of devices so as to increase their utility, durability and efficiency as well as to reduce the cost of manufacture.

Further objects and advantages will appear in the following description, it being understood that various changes in form, proportions and minor details of construction may be resorted to within the scope of the appended claims.

In the accompanying drawings forming a part of this specification: Figure 1 is a perspective view of a box provided with a label cutting attachment constructed in accordance with my invention, the finger piece of the blade being shown in vertical or inoperative position. Fig. 2 is a similar view of a portion of the box showing the finger piece bent downwardly to operative position. Fig. 3 is a transverse sectional view of Fig. 2. Fig. 4 is a top plan view of the cover of the box with the cutting blade in position thereon. Fig. 5 is a perspective view of the cutting blade detached. Fig. 6 is a top plan view illustrating a modified form of the invention.

Similar numerals of reference indicate corresponding parts in all of the figures of the drawings.

The improved device forming the subject matter of the present invention is principally designed for attachment to boxes and similar containing vessels and by way of illustration is shown in connection with a yeast powder box of the ordinary construction in which 5 designates the body of the box, 6 the cover and 7 the label.

The attachment consists of a cutting blade 8 preferably stamped or otherwise formed from a single piece of metal and having one end thereof curved or rounded at 9 to conform to the curvature of the interior walls of the cover 6 and its opposite end bent downwardly to form an angularly disposed arm 10 which extends between the cover 6 and the body of the receptacle, as shown, the end of the blade at the arm 11 being bent laterally to form a terminal finger piece 12 by means of which the blade may be conveniently rotated to cut or sever the label.

The metal forming the blade 8 is provided with a flat bearing surface 13 adapted to bear against the lower surface of the cover or closure 6, the center of the flat portion of the blade being disposed concentric with the longitudinal axis of the box so as to permit free rotation of said blade without danger of binding against the depending flange of the cover. The blade is preferably formed of flexible metal so that the terminal finger piece 12 may be bent upwardly in contact with the exterior wall of the cover 6 when the device is not in use thereby to prevent catching on an obstruction during transportation or shipment.

In using the device the blade is positioned in the cover with the flat bearing surface 13 engaging the lower face of said cover and with the handle 12 extending at substantially right angles to the longitudinal plane of the box after which the label is attached to the body of the box and cover, respectively, with the finger piece bent upwardly in engagement with the exterior wall of the cover, as best shown in Fig. 1 of the drawings.

In order to cut or sever the label it is merely necessary to bend the finger piece 12 downwardly to the position shown in Fig. 2 of the drawings and then rotate said finger piece when the cutting edge of the blade will engage and sever the label so as to permit the ready removal of the cover.

In Fig. 6 of the drawings there is illustrated a modified form of the invention in which the inner end of the blade terminates at the center of the cover 6 and is pivotally connected therewith, as by a bolt or rivet 14,

the construction and operation of the device being otherwise similar to that shown in Fig. 1 of the drawing.

The blades may be made in different sizes and shapes and may be used in connection with different styles of containing vessels.

From the foregoing description it will be seen that there is provided an extremely simple, inexpensive and efficient device admirably adapted for the attainment of the ends in view.

Having thus described the invention what is claimed is:

1. The combination with a receptacle including a cover, of a blade having one end thereof spanning the inner surface of the top of the cover and its opposite end extended downwardly between the cover and body of the receptacle and provided with a finger piece.

2. The combination with a receptacle having a cover, of a blade extending along the inner surface of the top of the cover and having one end thereof provided with an arm interposed between the cover and body of the receptacle and provided with a finger piece.

3. The combination with a receptacle having a cover, of a blade bearing against the cover and having one end thereof curved to conform to the interior wall of the cover and its opposite end extended downwardly between said cover and the body of the receptacle and provided with a terminal finger piece.

4. The combination with a receptacle having a cover, of a blade having a flat bearing face adapted to engage the lower surface of the cover, one end of said blade being curved to conform to the curvature of the interior walls of the cover and the opposite end thereof extended downwardly between the cover and the body of the receptacle and provided with a terminal finger piece.

5. The combination with a receptacle having a cover, of a blade formed of flexible material having one end thereof curved to conform to the interior walls of the cover and bearing against the same and its opposite end extended downwardly between the cover and the body of the receptacle and provided with a terminal finger piece adapted to be bent upwardly in engagement with the exterior wall of the cover, said blade being mounted for rotation in the cover and disposed concentric therewith.

6. A label cutting attachment for containing vessels comprising a blade having a flat imperforate body portion one end of which is bent at right angles to the longitudinal plane of the body portion and thence extended laterally to form a terminal angularly disposed finger piece.

7. A label cutting attachment for containing vessels comprising a flat blade formed from a single piece of bendable material having one end thereof bent at substantially right angles to the longitudinal plane of the blade to form a depending arm the terminal of which is extended laterally at substantially right angles to said arm to produce a finger piece.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

MORRIS STRICKLER.

Witnesses:
JOHN R. GEYER,
JOHN E. FOX.