Dec. 4, 1923. 1,476,140

L. D. BURLINGHAM

SEALING DEVICE

Filed March 1, 1922

Fig. 1.

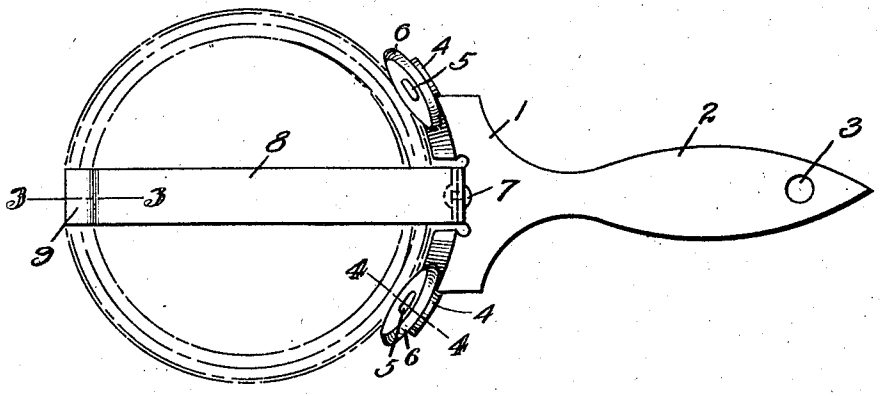


Fig. 2.

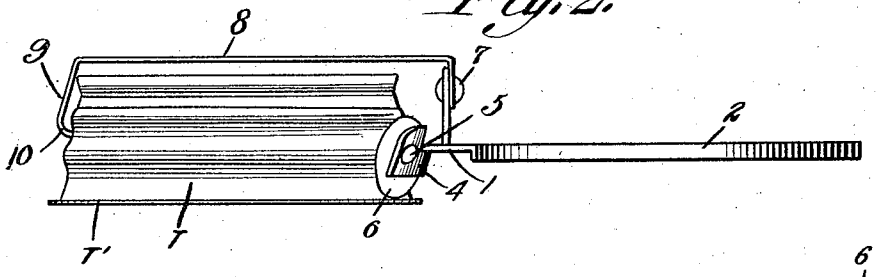


Fig. 3.

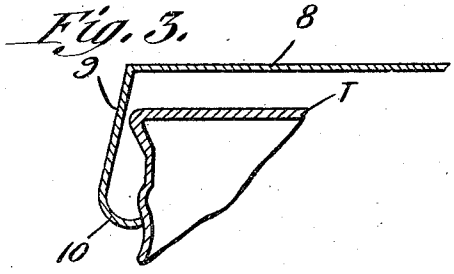
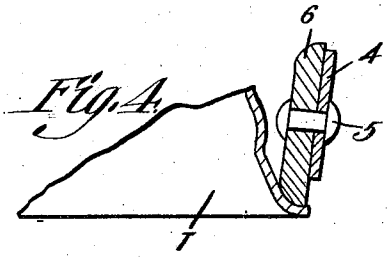


Fig. 4.



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Patented Dec. 4, 1923. 1,476,140

UNITED STATES PATENT OFFICE.

LUCIOUS D. BURLINGHAM, OF HUBBARD, OHIO.

SEALING DEVICE.

Application filed March 1, 1922. Serial No. 540,243.

To all whom it may concern:

Be it known that I, LUCIOUS D. BURLINGHAM, a citizen of the United States, residing at Hubbard, in the county of Trumbull and State of Ohio, have invented a new and useful Sealing Device, of which the following is a specification.

This invention relates to a sealing device especially designed for use in connection with the tops of fruit jars whereby the free edge of a top can be pressed downwardly into the rubber gasket or washer after the top has been tightened on the jar, thus to insure a positive sealing of the jar.

Another object is to provide a device of this character which is simple and compact in construction, can be easily applied and operated, and will not injure the top or the washer on which the top is mounted.

A further object is to provide a sealing device which will permit the use of old tops and old washers, said device serving to roll out or smooth any irregularities or bends that may have been formed in the edge of the top.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that, within the scope of what is claimed, changes in the precise embodiment of the invention shown can be made without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings—

Figure 1 is a plan view of the device in position on a jar top, said top being shown by broken lines.

Figure 2 is a side elevation showing the device on a top.

Figure 3 is a section on line 3—3, Figure 1.

Figure 4 is a section on line 4—4, Figure 1.

Referring to the figures by characters of reference 1 designates the yoke or body of the device from the center of which extends a handle 2 which can be provided with an opening 3 whereby the device can be suspended from a nail or the like. At the ends of the yoke there are formed ears 4 each of which has a rivet 5 secured therein on which a wheel 6 is mounted for rotation. These wheels are slightly tilted as shown in Figures 1 and 4 and they are disposed in planes that converge toward the center of the yoke. The margins of the wheels are rounded.

Extending from the center of the yoke midway between the wheels is an ear 7 to which is secured an arm 8 extending substantially at right angles to the ear and terminating in a depending finger 9 having an inturned terminal 10. This arm is formed preferably of spring metal and is of such length as to bridge a jar top.

In using the device the terminal 10 is placed in engagement with one of the external threads or corrugations on the top T of a jar. The device is then swung downwardly so as to bring the wheels 6 into position upon the outturned marginal portion T′ of the top. Assuming that the top has already been tightened on a jar so as to compress a gasket or washer thereunder, the complete sealing of the jar can be insured by applying this device to the top as described and then rotating the device upon the top. During this operation the wheels 6 will travel along the outturned edge T′ while the terminal 10 will slide along the opposed portion of the top. By bearing downwardly on the handle 2 during this operation the wheels will press downwardly on the outturned rim T′ and tend to press it downwardly into the washer or gasket, at the same time rolling out or smoothing any bends or other irregularities that may be present in the rim. By forming the arm 8 of spring metal the finger 9 can be sprung to any angle necessary to cause the device to fit tops of different diameters.

What is claimed is:—

In a device of the class described, the combination with a yoke and a handle extending from the yoke, of an arm connected to and extending from the center of the yoke, a terminal finger extending from the arm

for engaging and sliding upon the wall of a jar top, ears upon the ends of the yoke, wheels journaled on the ears and equi-distant from the terminal fingers, said wheels being rotatable about axes radiating from the the center of a jar top engaged by the arm.

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

LUCIOUS D. BURLINGHAM.

Witnesses:

JAS. A. GARFIELD,

THOMAS G. PETRINI.