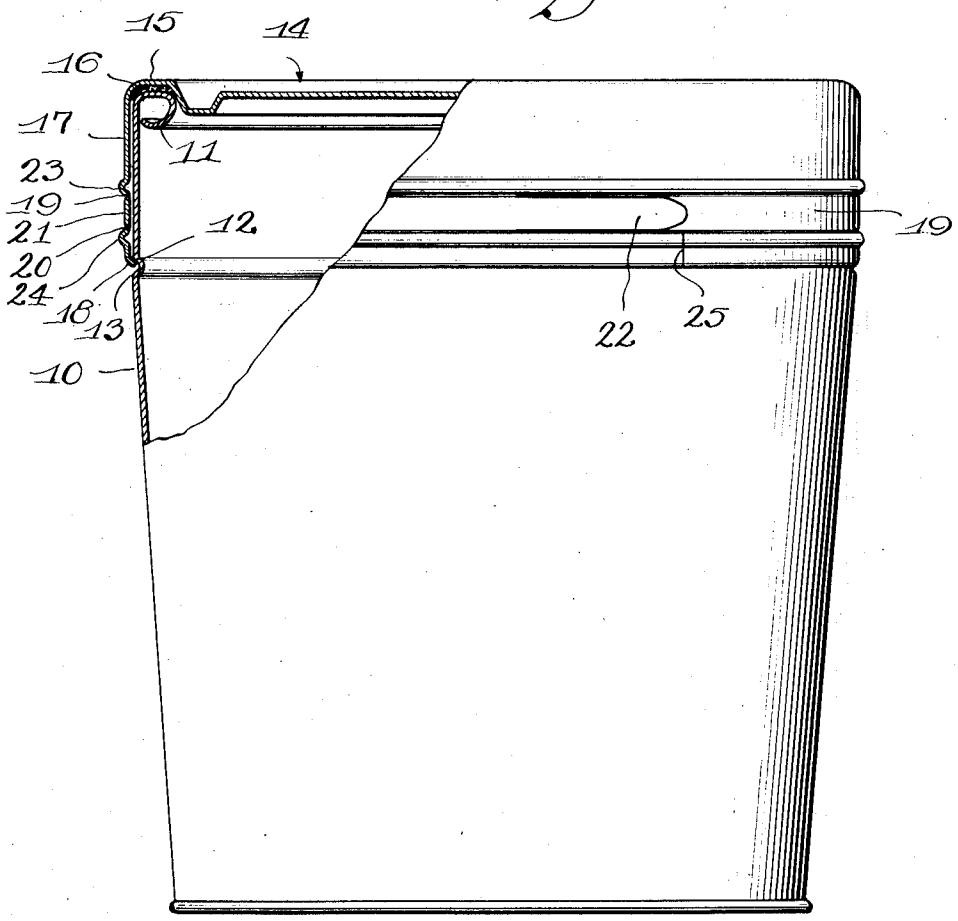
Oct. 27, 1931. S. E. ALLERTON 1,828,991

RECEPTACLE AND COVER CONSTRUCTION

Filed Jan. 9, 1930

Fig. 1



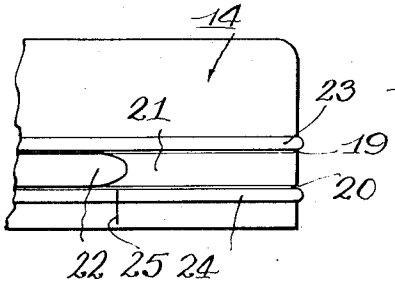


Fig. 2

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UNITED STATES PATENT OFFICE

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RECEPTACLE AND COVER CONSTRUCTION

Application filed January 9, 1930. Serial No. 419,530.

This invention relates to improvements in receptacle and cover construction.

One object of the invention is to provide an improved receptacle and cover construction which is adapted to be utilized in vacuum sealing or air tight packing of food products or the like, the cover being so constructed that by the use of a conventional key it can be removed from the receptacle and subsequently replaced freely if desired for protecting the contents during the consumption thereof.

Another object of the invention is to provide a receptacle and cover of simple construction, the cover being formed preferably of a single part and having an exterior skirt which is scored to permit its removal from the receptacle by the use of a conventional key.

Another object of the invention is to provide a cover having a skirt provided with a tearing strip, the lower portion of the skirt being arranged to hold the cover in position but being released from engagement with the receptacle body by the same operation by which the tearing strip is removed.

Other objects relate to features of construction which will be apparent from a consideration of the following specification and accompanying drawings, wherein:

Fig. 1 is a broken side elevation of a receptacle and cover embodying the present improvements.

Fig. 2 is a broken elevation showing the cover prior to being positioned on a receptacle.

In the drawings, 10 is a receptacle having its upper edge 11 shaped to form a conventional stiffening rim. A suitable distance beneath the upper edge of the receptacle the body of the receptacle is provided with a ledge 12 which may be formed by providing a circumferential channel 13 in the receptacle body. The cover 14 is shaped as at 15 to contact closely with the portion 11 of the receptacle.

In the vacuum or air tight sealing of food products a sealing composition is inserted between the portions 11 and 15 as indicated at 16 and after the cover has been positioned, the portion 15 of the cover is pressed or rolled to make an air tight seal with the portion 11.

The cover 14 is provided with an exterior depending skirt 17, the lower edge 18 of which is rolled or pressed into engagement with the ledge 12 of the channel 13. This interlocking construction prevents the accidental displacement of the cover from the receptacle. The skirt 17 of the cover shown in Figs. 1 and 2, is provided with a pair of scores 19 and 20, providing a removable tearing strip 21 one end of which forms a free tongue 22 which is engageable with a conventional can key for removing the scored strip 21.

Immediately above the upper score 19 is a rib 23 while below the score 20 is a second similar rib 24. In removing the strip 21, the tongue 22 is inserted in the eye of the key which is then operated in the usual manner. The ribs 23 and 24 form in effect a track against which the shank of the key bears for aligning the key properly with reference to the side of the receptacle during the initial winding operation.

The upper rib 23 also provides a rounded bottom edge for the cover after the strip has been torn off, thus protecting the hand of the user against the edge of the severed metal and assists also in the removal of the cover by affording a better grip for the fingers. The ribs also prevent the metal of the skirt tearing vertically beyond the scores in case the scored lines are of insufficient depth or when the key is held at an improper angle. Extending downwardly from the lower scored line 20 near the free end of the tongue 22 is a cut or slit 25 which terminates close to the bottom edge of the skirt as shown in Fig. 2. Just before the strip 21 is completely wound upon the key, the slit 25 will be reached and the portion of the metal immediately at the left of the slit will tend to wind upon the key which action will tear through the metal at the bottom of the slit and release the entire bottom portion of the skirt from engagement with the receptacle. This leaves as a closure only that portion of the cover above the upper score 17 which can readily be removed from the receptacle and,

if desired, can be replaced thereon for protecting any unused contents.

The cut 25 terminates preferably above the bottom edge of the skirt to avoid the formation of sharp corners and to render less difficult the operation of rolling or crimpling the lower edge of the skirt into the channel 13, which can be performed by apparatus at present well known to those skilled in the art. Said cut preferably extends entirely through the metal, to insure complete severance of the ring which remains as the strip is being torn off.

Although I have shown and described a construction embodying my improvements, various changes may be made therein without departing from the spirit of the invention as defined in the following claims.

What I claim is:

1. A receptacle having a circumferential channel therein and a cover provided with a depending skirt the lower edge of which is adapted to be pressed into said channel to retain the cover in position, said skirt having upper and lower circumferential scores providing a tearing strip and a slit extending downwardly from said lower score and terminating slightly above the lower edge of said skirt whereby when said strip is removed said pressed-in portion of said skirt will be released as a split ring from engagement with said channel.

2. A receptacle having a circumferential channel therein and a cover provided with a depending skirt the lower edge of which is adapted to be pressed into said channel to retain the cover in position, said skirt having upper and lower spaced circumferential ribs and scores therebetween defining a tearing strip, the upper of said scores being closely adjacent the base of said upper rib whereby the latter forms a finger hold for convenience in removing the cover and protects the fingers against contact with the edge of the metal after said tearing strip has been removed.

3. A receptacle having a circumferential ledge on its outer surface and a cover having a depending skirt the lower edge of which is adapted to be pressed into engagement with said ledge for retaining said cover in position thereon, said skirt having a pair of spaced ribs and a pair of scores therebetween defining a tearing strip, said strip comprising a free portion providing a tongue engageable by a key for removing the strip, said ribs serving to align said key with reference to the vertical plane of said tongue during the initial tearing operation and preventing the unintentional tearing of the metal vertically beyond said scores.

In testimony whereof, I have subscribed my name.

SAMUEL E. ALLERTON.