

No. 798,132.

PATENTED AUG. 29, 1905.

S. F. GILMORE.  
BOX LID LIFTER.  
APPLICATION FILED NOV. 12, 1904.

Fig. 1.

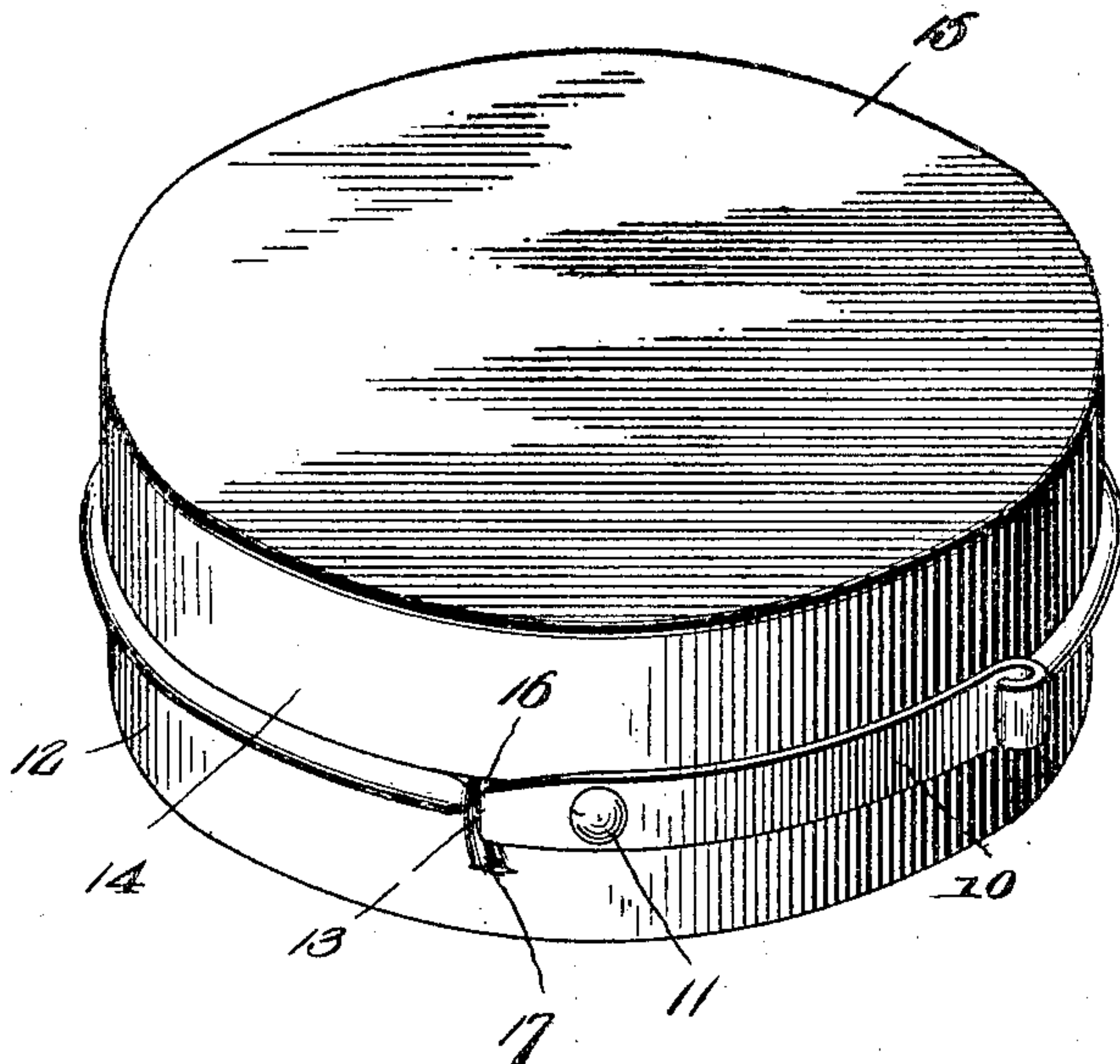


Fig. 2.

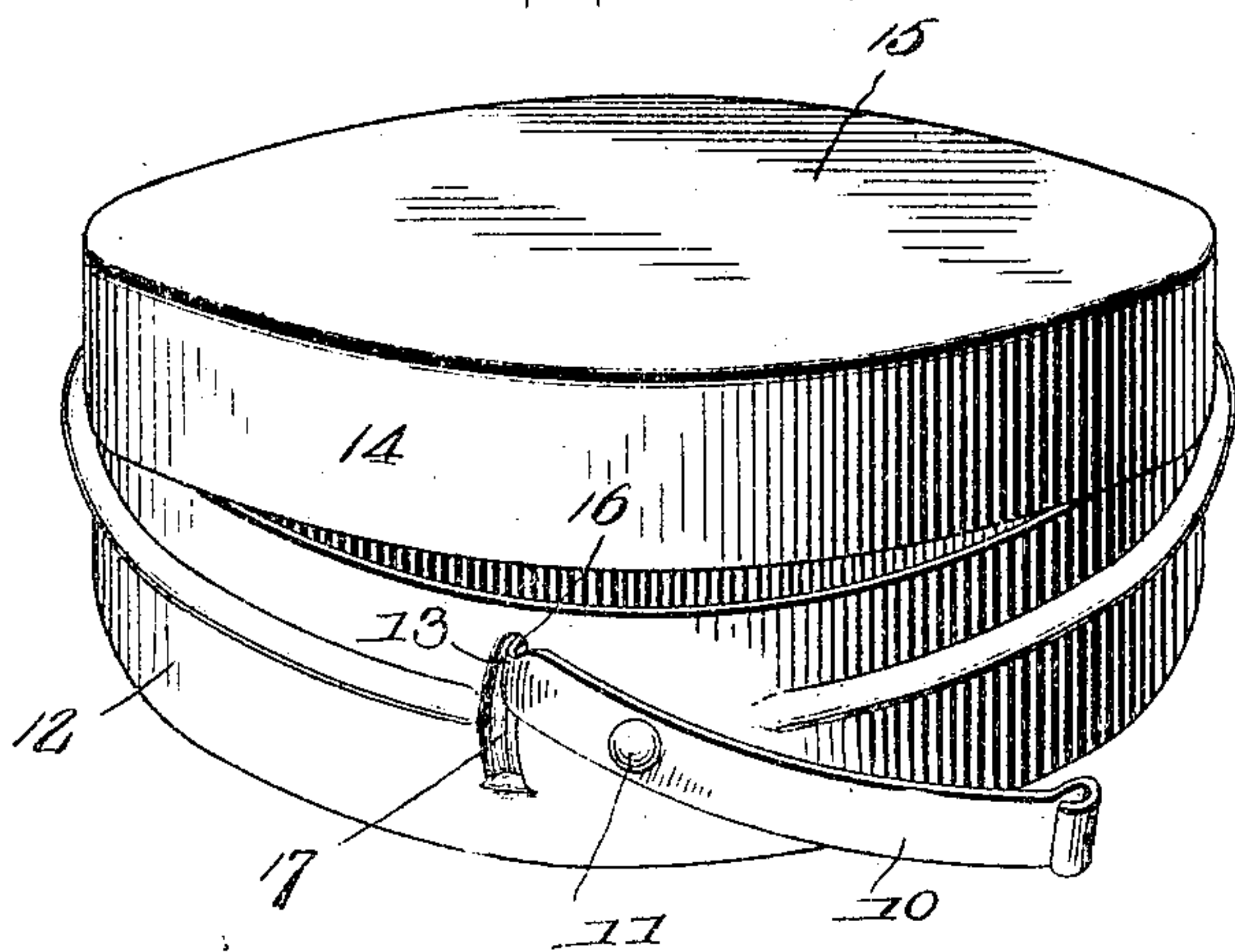
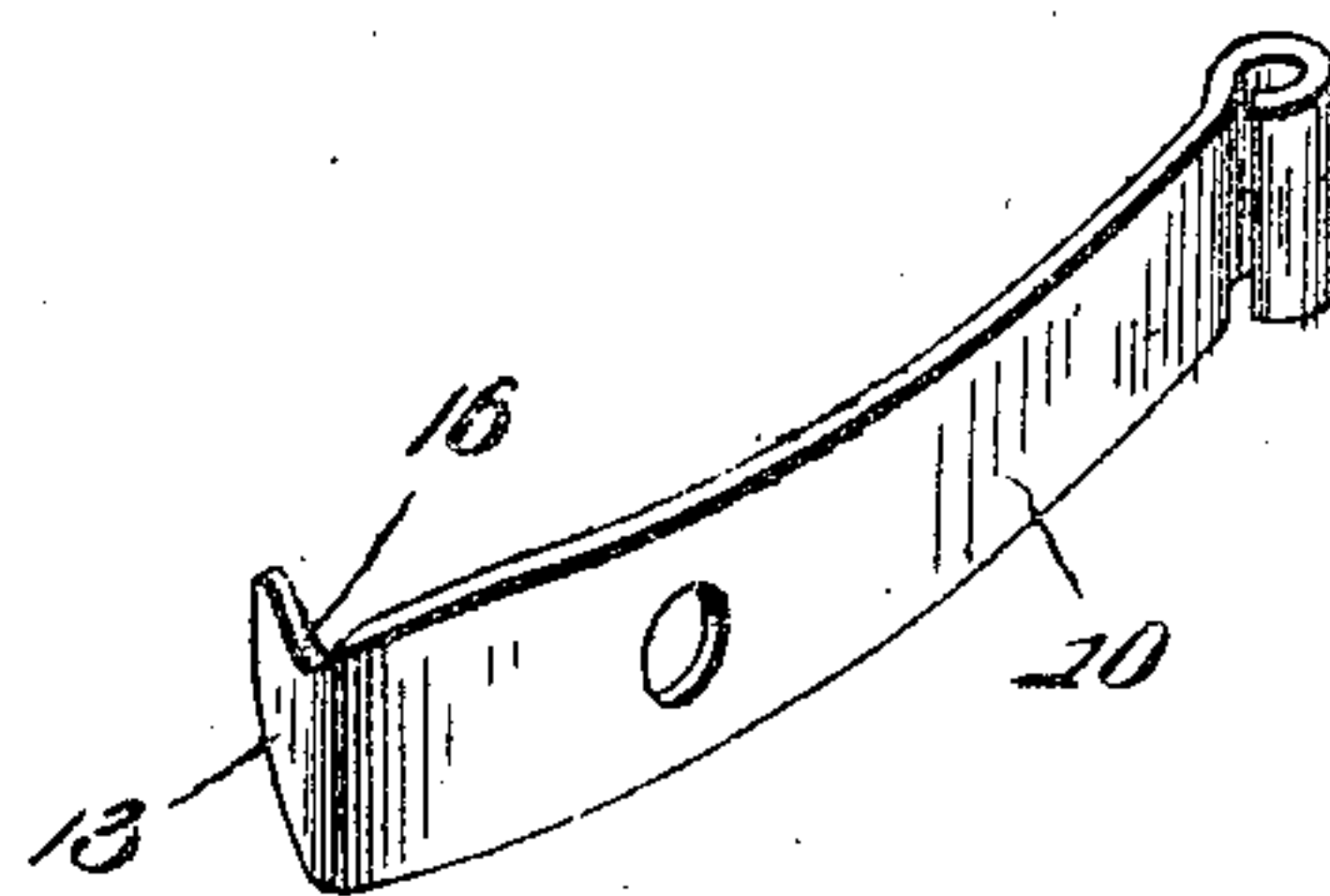


Fig. 3.



Witnesses  
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# UNITED STATES PATENT OFFICE.

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## BOX-LID LIFTER.

No. 798,132.

Specification of Letters Patent.

Patented Aug. 29, 1905.

Application filed November 12, 1904. Serial No. 232,496.

*To all whom it may concern:*

Be it known that I, STEELE F. GILMORE, a citizen of the United States, residing at Princeton, in the county of Gibson and State of Indiana, have invented a new and useful Box-Lid Lifter, of which the following is a specification.

This invention relates generally to boxes or receptacles, and more particularly to a novel form of cover or lid-lifter therefor.

The object of the invention is to provide a thoroughly efficient, cheap, and readily-applied lifting element adapted for attachment to ordinary receptacles—such, for instance, as boxes for containing shoe-blackening, shoe-polish, ointments, or other substances that require exclusion of the air to preserve them against deterioration, said element being of such construction as not to present an obstruction that would interfere with the receptacle being readily handled or packed for storage or transportation and being capable of ready application to the receptacle without any objectionable change in its structural arrangement.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel form of a box-lid lifter and in the combination and adaptation of such lifter to a receptacle, as will be hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which like characters of reference indicate corresponding parts, Figure 1 is a view in perspective of a receptacle having combined therewith the cover-lifter of the present invention. Fig. 2 is a similar view showing the cover released and the position to which the lifter is moved in effecting this result. Fig. 3 is a perspective detail view of the lifter.

As above stated, the device of this invention is applicable to receptacles of any kind employing a tightly-fitting lid which has to be prized or forced from the receptacle, and merely for the purpose of illustration the device is shown as combined with an ordinary shoe-blackening or shoe-polish box 12, provided with a bead 12<sup>a</sup> and a cover 15, provided with the usual rim 14.

Pivoted to the side or periphery of the receptacle is the lifter constituting one of the

essential features of the present invention, the same comprising a lever 10, which is combined with the receptacle by a rivet 11, disposed to one side of the center of the lever to secure the proper leverage. This lever is shaped to conform to the contour of the receptacle, which latter is shown in this instance as circular, so that the lever will be curved for this purpose, and the shorter end of the lever is provided with a toe or projection 13, which is disposed at approximate right angles to the length of the lever and may be furnished at its upper edge with a notch or recess 16, adapted to engage with the edge of the rim, and thereby insure positive coöperation of the parts, as by the prevention of slippage. The side of the receptacle is provided with a depression 17, extending through the bead, and constitutes a clearance for the toe of the lever and also to bridge or project across the edge of the rim of the cover, thus to cause positive contact therewith, and in order to maintain the proper seal between the cover and the receptacle the depression terminates short of the upper edge of the body, thereby preventing the admission of air to the receptacle which would result if the depression were extended through the edge of the body, it being seen that when the lid is in position it partly covers the depression. The depression is herein shown as arcuate and is arranged on a curve of which the center is the rivet 11.

By providing the opening element on the side or periphery of the receptacle and by shaping it to conform thereto, it will be seen that there will be no obstruction presented which would be liable to be caught in handling the box and, further, that there will be nothing to interfere with the receptacles from being closely and solidly packed for shipment, which could not result if the lifter were disposed upon the cover of the receptacle.

It will be seen from the foregoing description that although the improvements of this invention are simple in character that they will be thoroughly effective in use for the purpose designed and may be adapted to boxes already manufactured without any material added cost.

Having thus described the invention, what is claimed is—

1. The combination with a receptacle pro-



vided with a depression, of a lid-lifting element pivoted to the receptacle and having an extension disposed within the depression.

2. The combination with a receptacle provided in its side with a depression, of a lid-lifting element pivoted to the receptacle and having an extension to work within the depression.

3. The combination with a receptacle provided in its side with a curved depression, of a lid-lifting element pivoted to the exterior of the receptacle and having a lateral extension disposed within the depression.

4. The combination with a receptacle provided with a depression, of a cover partially housing the depression, and a lever pivoted to the receptacle and having a toe disposed within the depression.

5. The combination with a receptacle provided in its side with an arcuate depression, and a cover adapted partially to cover the depression, of a lever pivoted to the receptacle and having a projection disposed within the depression.

6. The combination with a receptacle pro-

vided in its side with an arcuate depression terminating short of the edge of the receptacle, of a lid-lifting element pivoted externally of the receptacle and having a projection disposed within the depression.

7. The combination with a receptacle provided with an arcuate depression terminating short of the edge of the receptacle, of a cover having a rim partially covering the depression, and a lever pivoted to the receptacle and having a projection disposed within the depression.

8. The combination with a receptacle and its cover, of a lever pivoted to the receptacle and provided with an extension to bridge the edge of the rim, and furnished with a notch or seat to engage the edge of the rim.

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

STEELE F. GILMORE.

Witnesses:

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CHAS. HARTIN.