

July 3, 1951

E. H. LANGFELD
 DRINKING VESSEL HAVING MEANS FOR CUTTING OPEN AND
 HOLDING A METALLIC CONTAINER
 Filed March 23, 1950

2,559,362

FIG. 1.

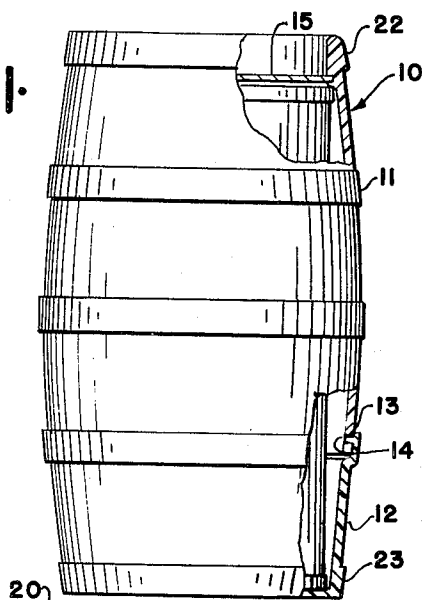


FIG. 2.

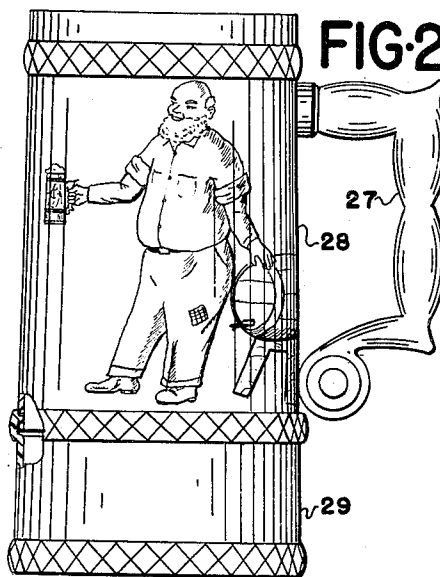


FIG. 3.

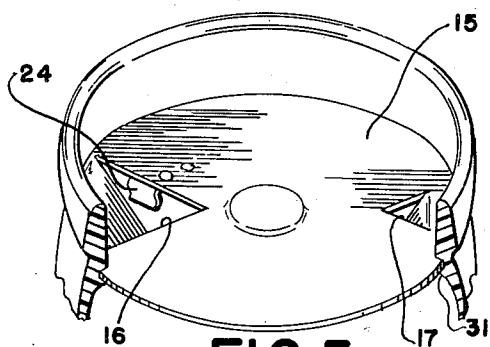
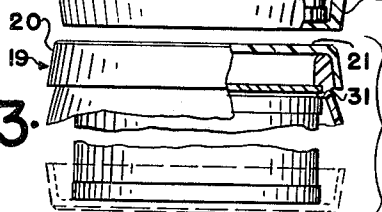


FIG. 5.

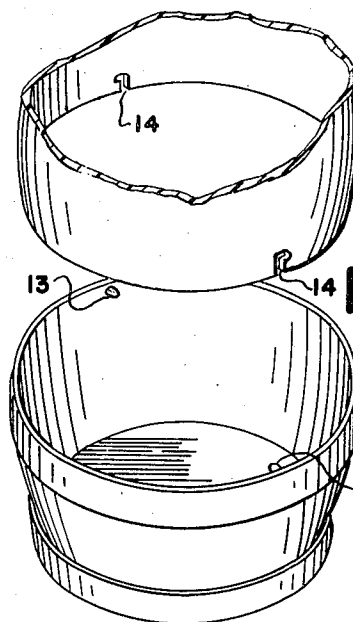


FIG. 4.

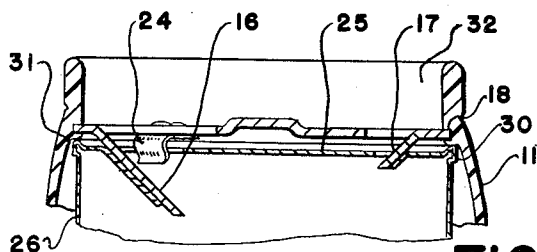


FIG. 6.

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2,559,362

DRINKING VESSEL HAVING MEANS FOR
CUTTING OPEN AND HOLDING A
METALLIC CONTAINER

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5 Claims. (Cl. 222-83.5)

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This invention pertains to a drinking vessel, and more particularly to a drinking vessel which may simulate a beer stein or beer keg and which may be used in conjunction with a metallic container of beer.

It is an object of the present invention to provide a drinking vessel which has means formed thereon for providing at least one opening in a container and having means for holding the device on said container to be opened.

A further object of the invention is the provision of a simulated beer stein or keg having means adjacent the upper peripheral edge thereof for engaging the metallic surface of a sealed container for the purpose of opening said container with means for holding said container in position on the device of the invention.

A further object of the invention is to provide a simulated beer stein or keg having an upper and lower portion, both of which may be secured together with a separate vessel disposed therebetween with means formed on the device for opening the vessel and for holding same in operative position.

A further object of the invention is the provision of a simulated beer stein or keg having means formed thereon for opening a sealed container and for securing said container within said simulated beer stein or keg and a closure adapted to fit on the upper surface of said container and also to be used as a coaster on the bottom portion of the device of the invention.

Further and other objects may be and may become apparent from the perusal of the present disclosure, and it is to be understood that changes and modifications may be made in the invention without departing from the spirit of the subjoined claims. The present showing is by way of illustration only.

Throughout the specification, like reference characters pertain to like parts.

In the drawings:

Fig. 1 is a side view, partially broken away, showing one form of the invention.

Fig. 2 is a modified form of the invention.

Fig. 3 is a partial sectional view of the invention with a closure therefor that may be used as a coaster.

Fig. 4 is a partial sectional perspective view of the invention showing a bayonet slot arrangement for securing the base onto the upper structure.

Fig. 5 is a partial sectional perspective view of the upper structure of the invention shown in Fig. 1.

Fig. 6 is a sectional view of the upper portion of

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the invention in operative position on a container showing a multiplicity of apertures after they have been formed in the beer container by the invention.

Referring to the drawings there is shown a drinking vessel 10 having an upper structure 11 and a lower structure 12 secured thereto by pins such as 13 secured in bayonet slots 14.

A diaphragm 15 has two cutting lips, a large lip 16 and a small lip 17, which are held in an annular groove 18 formed adjacent the upper peripheral edge of the upper structure 11.

In Figs. 1 and 3, it will be seen that the cap 19 has a rim 20 which has the lip thereof inclined inwardly towards the base 21. The upper outside peripheral edge 22 has a surface which is complementary to the inner surface of the rim 20, which complementary surface is shown as surface 23 in Fig. 1. The cap 19 will fit on the surface 23 when the cap is not used as a closure as shown in Fig. 3. The clip 24 is curved to grip the edge of the perforation of the vessel after it is opened by the large lip 16 in its normal cutting action when placed downwardly on said vessel. The clip 24 will be snapped over one edge of the top 25 of the beer can and will be held thereagainst since the large lip 16 and the small lip 17 have been forced into the metallic top 25 and been wedged therein thereby preventing rotational movement of the beer can 26 within the upper structure 11 of the invention.

The view shown in Fig. 2 simulates a beer stein having a handle 27 on the upper structure 28 with a lower structure 29 being secured thereon by a bayonet slot and pin arrangement as shown in Figs. 1 and 4.

The upper edge or bead 30 on the beer can engages a shoulder 31 or a gasket which makes a substantially tight connection between the can of beer and the upper structure of the invention, to prevent leakage therebetween.

After the beer can has been secured to the invention in either of the arrangements shown, the user of the device may merely tip the container and the upper chamber 32 of the invention will have beer flowing therein from the container. The invention, after it is placed upon a container of beer automatically provides an opening for the beer to flow into the chamber 32 and also provides a vent hole to permit air into the beer container so that there may be a smooth natural flow of the fluid into the simulated beer stein.

What is claimed as new and desired to be secured by Letters Patent of the United States is:

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1. A drinking vessel to be used in connection with a container of liquid comprising, an upper structure having a diaphragm with two portions thereof bent downwardly to form cutters for cutting the top of a metallic container, resilient means formed on said diaphragm and adapted to extend downwardly to engage and grip one edge of an aperture formed in the container, an open chamber formed above said diaphragm having connecting ports therein in alignment with the openings formed in the upper surface of the container for the liquid, and means formed below the diaphragm and adapted to engage the upper peripheral edge of the container for the liquid to form a substantially tight seal between said container and last said means.

2. A vessel to be used in conjunction with a container of liquid comprising, an upper structure having a metallic diaphragm with two portions thereof bent downwardly to form cutters for cutting the top of a metallic container, resilient means secured to said diaphragm and adapted to extend downwardly to engage and grip an edge of an aperture formed in the cut container, an open chamber formed above said diaphragm having connecting ports therein in alignment with the openings formed in the upper surface of the container for the liquid, and a shoulder formed below the diaphragm and adapted to engage the upper peripheral edge of the container for the liquid to form a substantially tight seal between said container and said shoulder.

3. A drinking vessel to be used in conjunction with a container of liquid comprising, an upper structure having a diaphragm with two portions thereof bent downwardly to form cutters for cutting the top of a metallic container, resilient means formed on said diaphragm and adapted to extend downwardly to engage and grip one edge of an aperture formed in the cut container, an open chamber formed above said diaphragm having connecting ports therein in alignment with the openings formed in the upper surface of the container for the liquid, and means formed below the diaphragm and adapted to engage the upper peripheral edge of the container for the liquid to form a substantially tight seal

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between said container and last said means, and a closure adapted to fit snugly on the upper peripheral edge of the upper structure and be interchangeable and to fit snugly on a lower structure, and a lower structure securable to said upper structure.

4. A drinking vessel to be used in conjunction with a container of liquid comprising, an upper structure having a diaphragm with two portions thereof bent downwardly to form cutters for cutting the top of a metallic container, resilient means formed on said diaphragm and adapted to extend downwardly to engage and grip one edge of an aperture formed in the cut container, an open chamber formed above said diaphragm having connecting ports therein in alignment with the openings formed in the upper surface of the container for the liquid, means formed below the diaphragm and adapted to engage the upper peripheral edge of the container for the liquid to form a substantially tight seal between said container and last said means, and means adapted to be secured to the base portion of the upper structure and provide an additional means for securing the container for the liquid to the drinking vessel upper structure.

5. A drinking vessel to be used in conjunction with a container of liquid comprising, an upper structure having a diaphragm with two pointed lips thereof bent downwardly to form cutters for cutting the top of a metallic container, resilient means formed on said diaphragm and adapted to extend downwardly to engage and grip one edge of an aperture formed in the cut container, an open chamber formed above said diaphragm having connecting ports therein in alignment with the openings formed in the upper surface of the container for the liquid, a shoulder formed below the diaphragm and adapted to engage the upper peripheral edge of the container for the liquid to form a substantially tight seal between said container and said shoulder, and a lower structure adapted to engage the bottom portion of said upper structure and be secured thereto.

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No references cited.