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Ravelo et al.(10) **Pub. No.: US 2010/0051629 A1**(43) **Pub. Date: Mar. 4, 2010**(54) **YAQRUB**(76) Inventors: **Raul Ruben Ravelo**, Miami, FL
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Miami, FL 33183 (US)(21) Appl. No.: **12/229,907**(22) Filed: **Aug. 28, 2008****Publication Classification**(51) **Int. Cl.**
A47G 19/22 (2006.01)(52) **U.S. Cl.** **220/705**(57) **ABSTRACT**

YAQRUB would consist of a cartoon of milk, soft drink can, or juice bottle that would feature an attached straw. The conic spring-style, flexible straw would be incorporated inside the can or container. The user would simply remove the peel off tab, can or container opener and the straw would automatically extend through an opening.

There's no need to open any package, touch YAQRUB with our hands or be manipulated because it comes incorporated and compressed inside the can or container. We never have to drink directly from the can or container, which is very important. It reduces or eliminates the risk of dangerous contaminants entering our bodies.

There's no possibility for a child, senior or disabled person to introduce a body part inside the can or container orifice once it is opened, YAQRUB will be obstructing the can or container opening.

YAQRUB is environmental friendly; there will be no packaging waste. Also, it is going to be easier to recover for recycling purposes, since YAQRUB is fixed inside to the can or container.

SECTION 1-1

Description: This figure represents, the section view of a regular metallic beverage container. Yaqrub's system opened; the straw "yaqrub" in its uncompressed position.

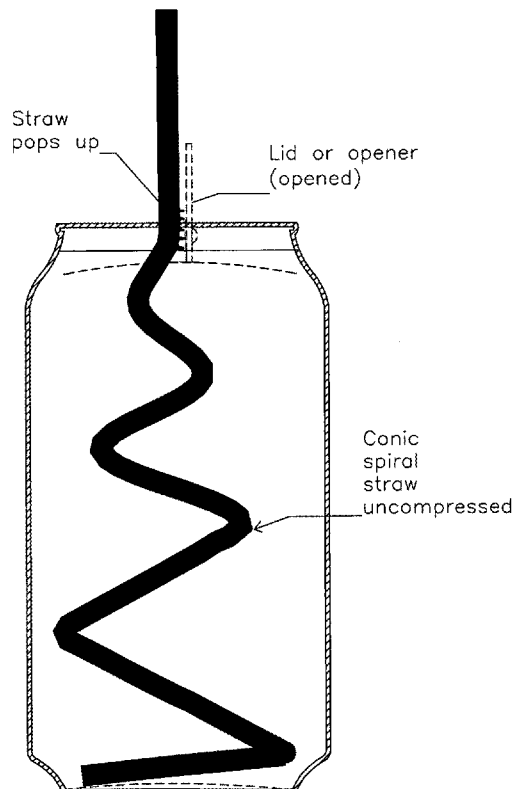


FIG 1 FRONT VIEW

Description: This figure represents, the frontal view of a regular metallic beverage container. It shows the lid or opener (yaqrub's system operator) in its closed position.

Lid or opener
(sealed)

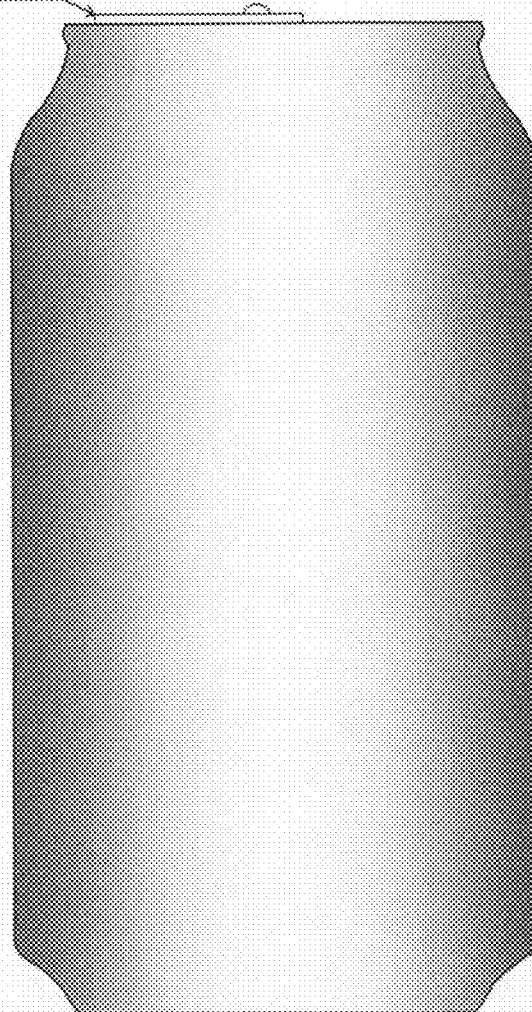


FIG. 2 ELEVATION

Description: This figure represents, the elevation view of a regular metallic beverage container. It shows the lid or opener (yaqrub's system operator) in its closed position.

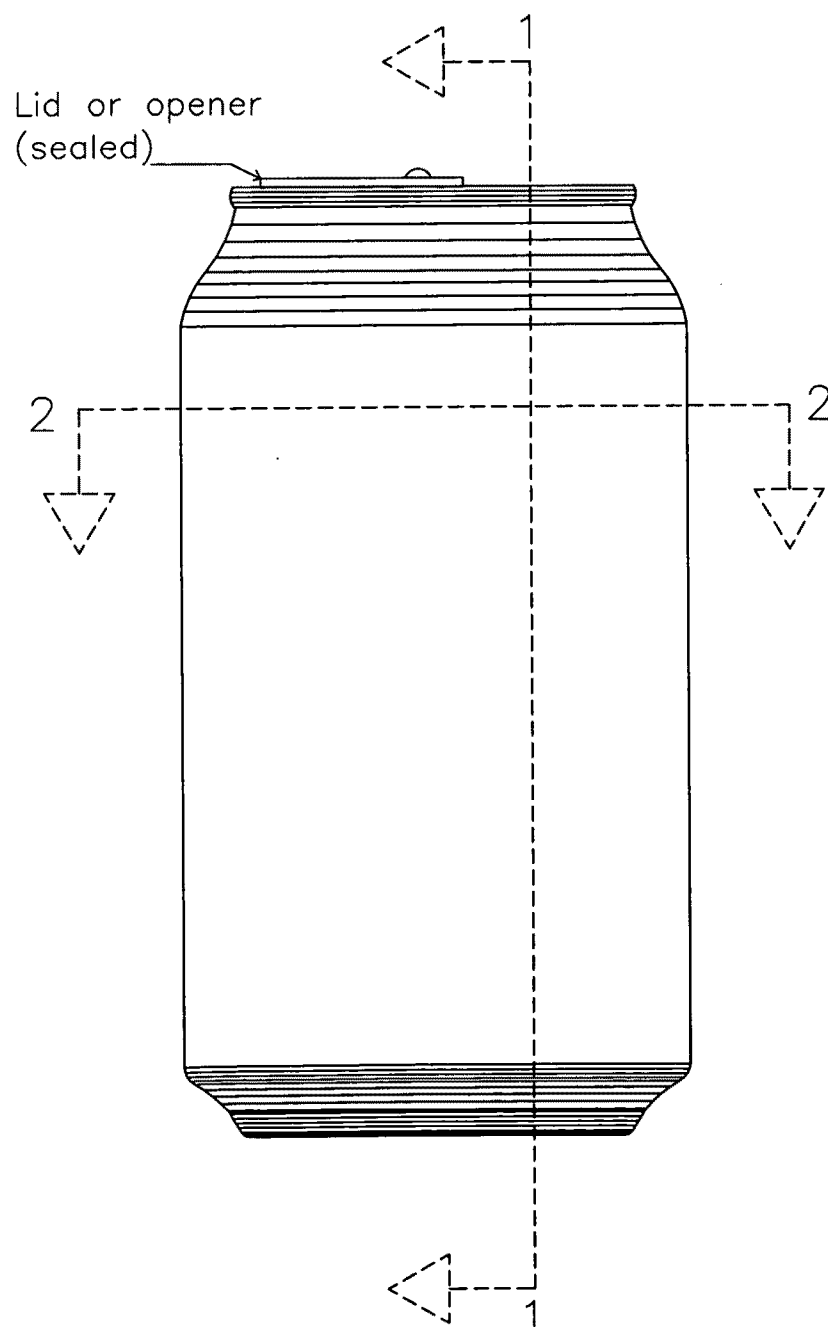


FIG. 3 PLAN VIEW

Description: This figure represents, the plan view of a regular metallic beverage container. It shows the lid or opener (yaqrub's system operator) in its closed position.

Lid or opener
(sealed)

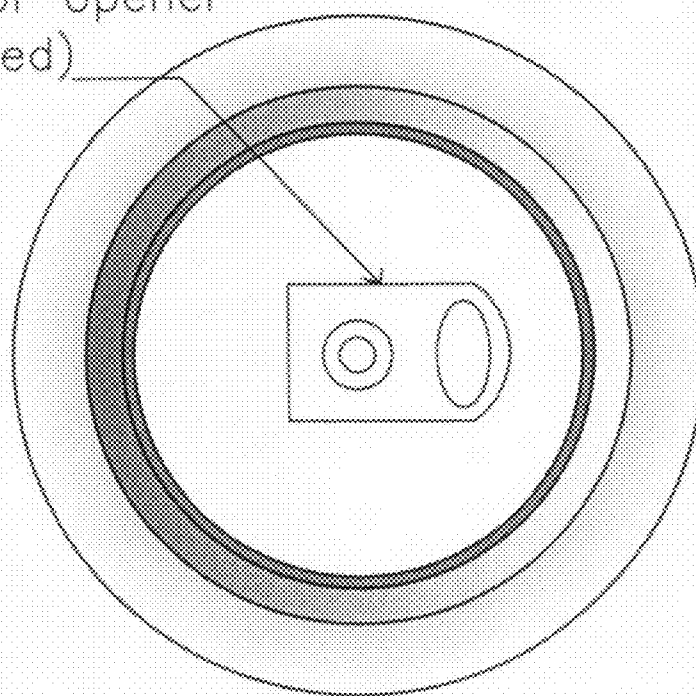


FIG.4 SECTION 1-1

Description: This figure represents, the section view of a regular metallic bevarage container. It show the lid or opener(yaqrub system operator) in its closed position. The straw "yaqrub" can be seen compressed inside the container.

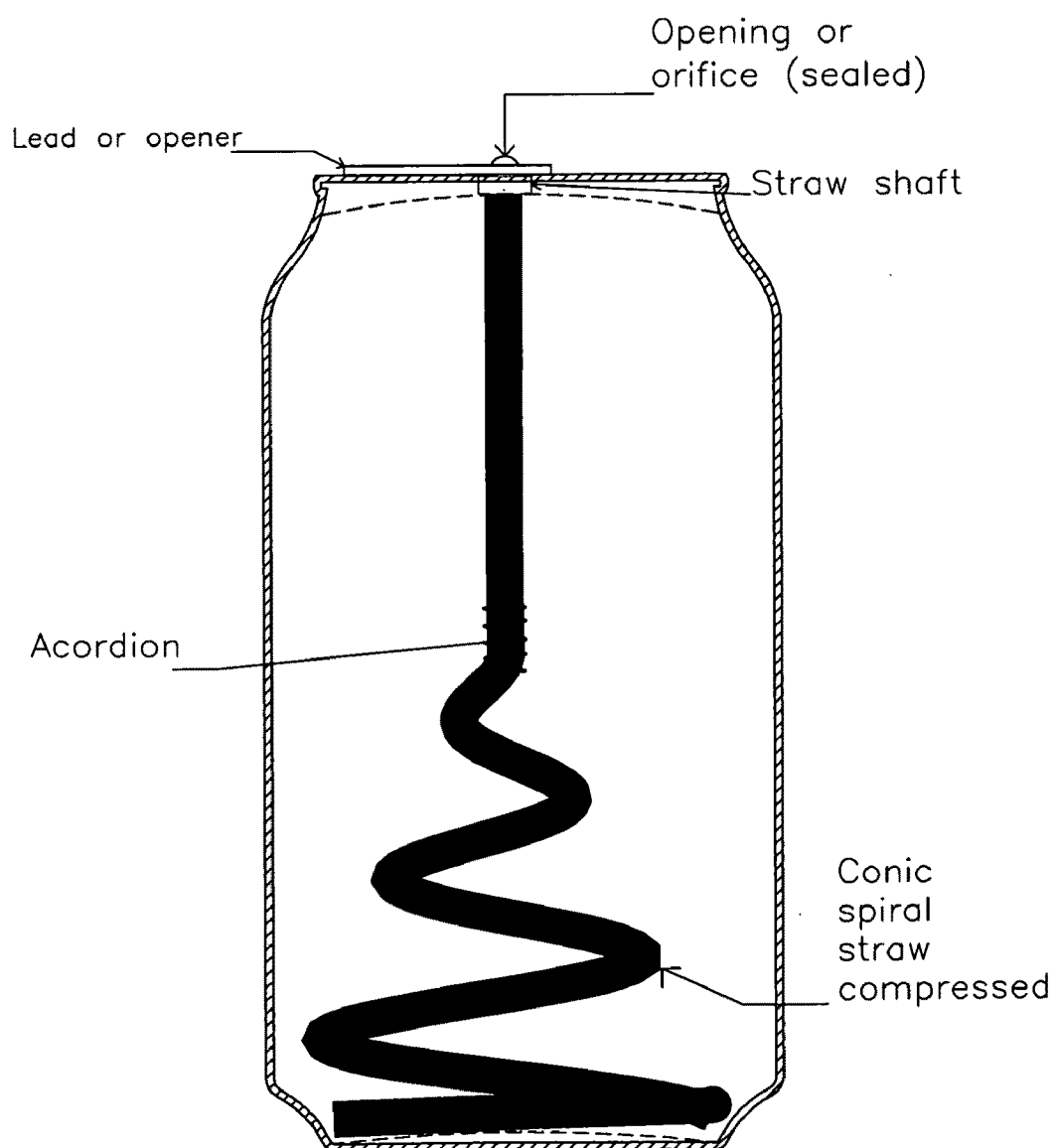


FIG. 5 SECTION 2-2

Description: This figure represents, the section view of a regular metallic bevarage container. It show the lid or opener(yaqrub system operator) in its closed position.The straw "yaqrub" can be seen compressed inside the container.

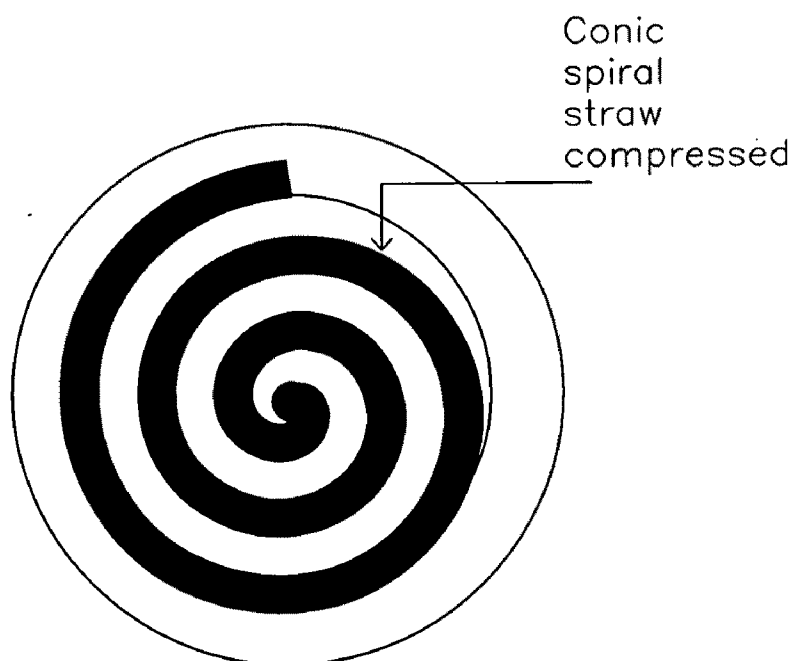


FIG.6 PERSPECTIVE

Description: This figure represents, the perspective of a regular metallic beverage container. It shows the lid or opener (yaqrub's system operator) in its closed position.

Lid or opener
(sealed)

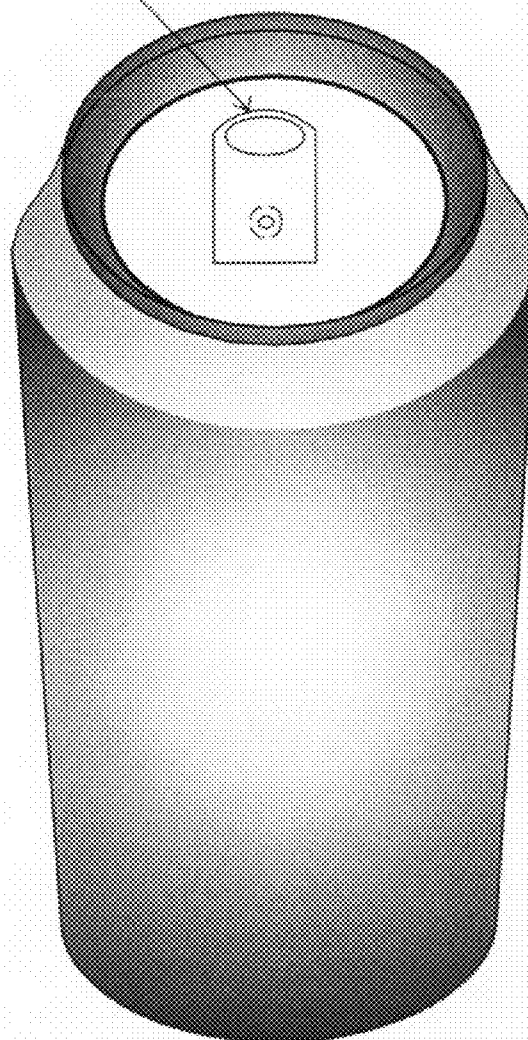


FIG. 7 FRONT VIEW

Description: This figure represents, the frontal view of a regular metallic beverage container. Yaqrub's system opened; the straw "yaqrub" in its uncompressed position.

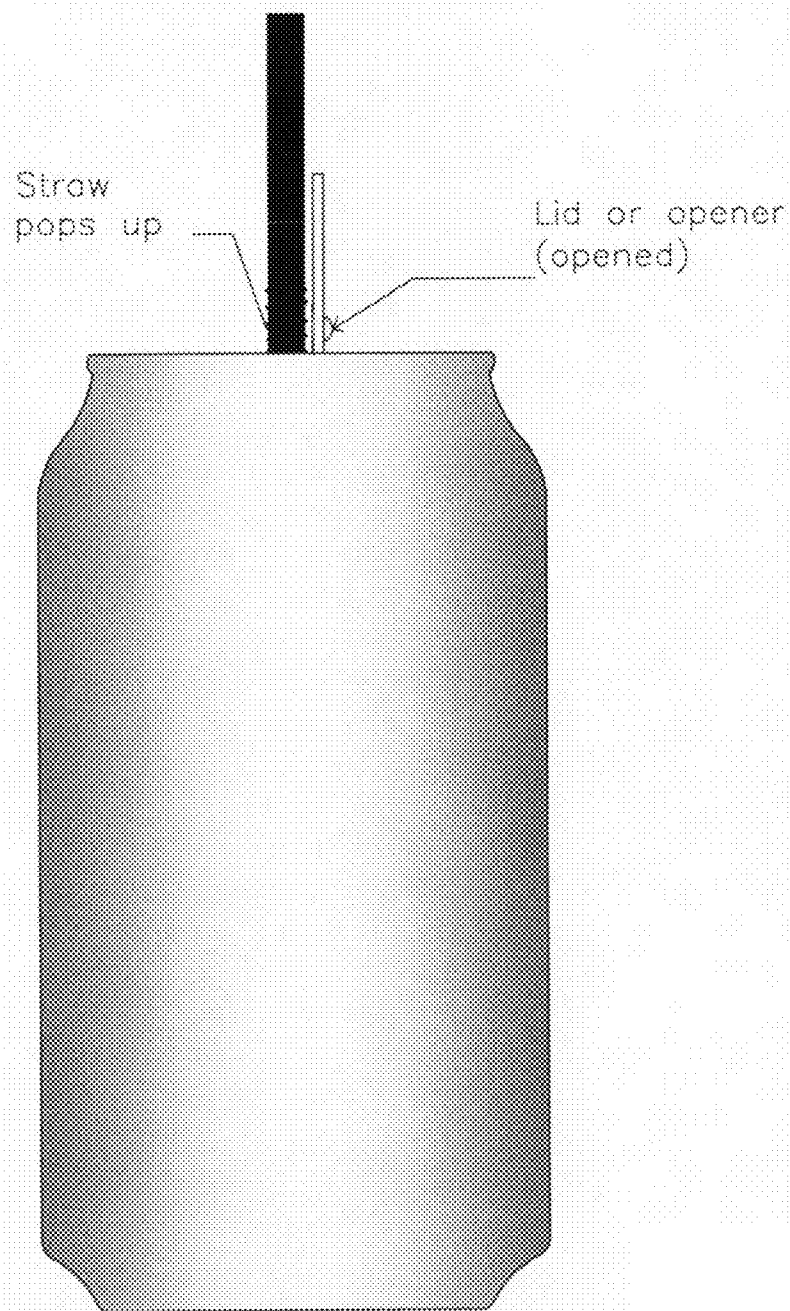


FIG.8 ELEVATION

Description: This figure represents, the elevation view of a regular metallic beverage container. Yaqrub's system opened; the straw "yaqrub" in its uncompressed position.

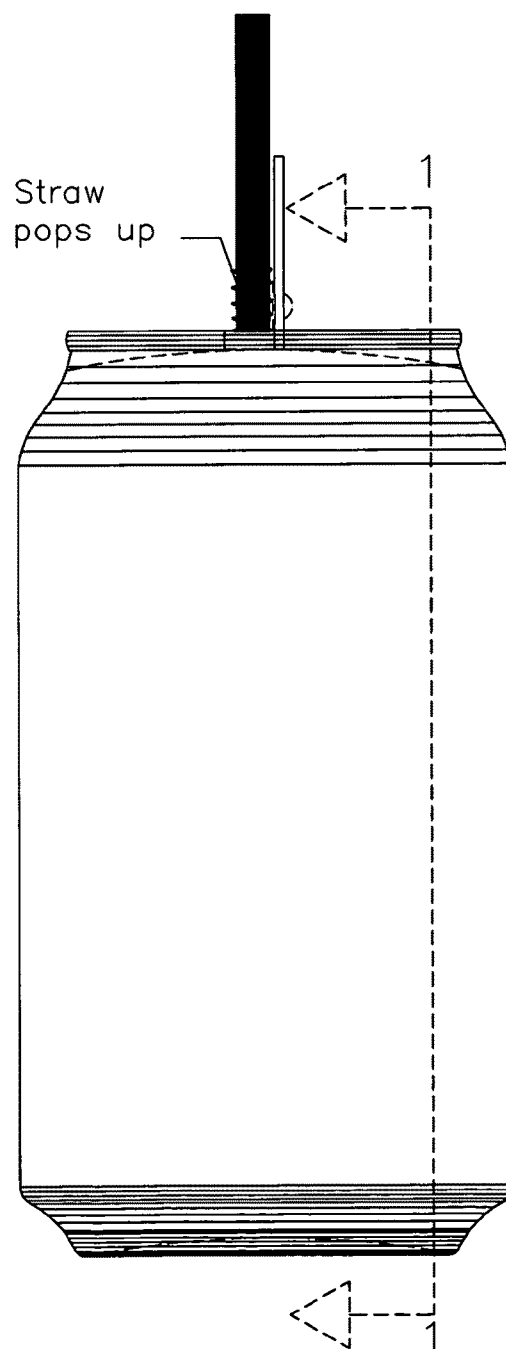


FIG. 9 PLAN VIEW

Description: This figure represents, the plan view of a regular metallic beverage container. Yaqrub's system opened; the straw "yaqrub" in its uncompressed position.

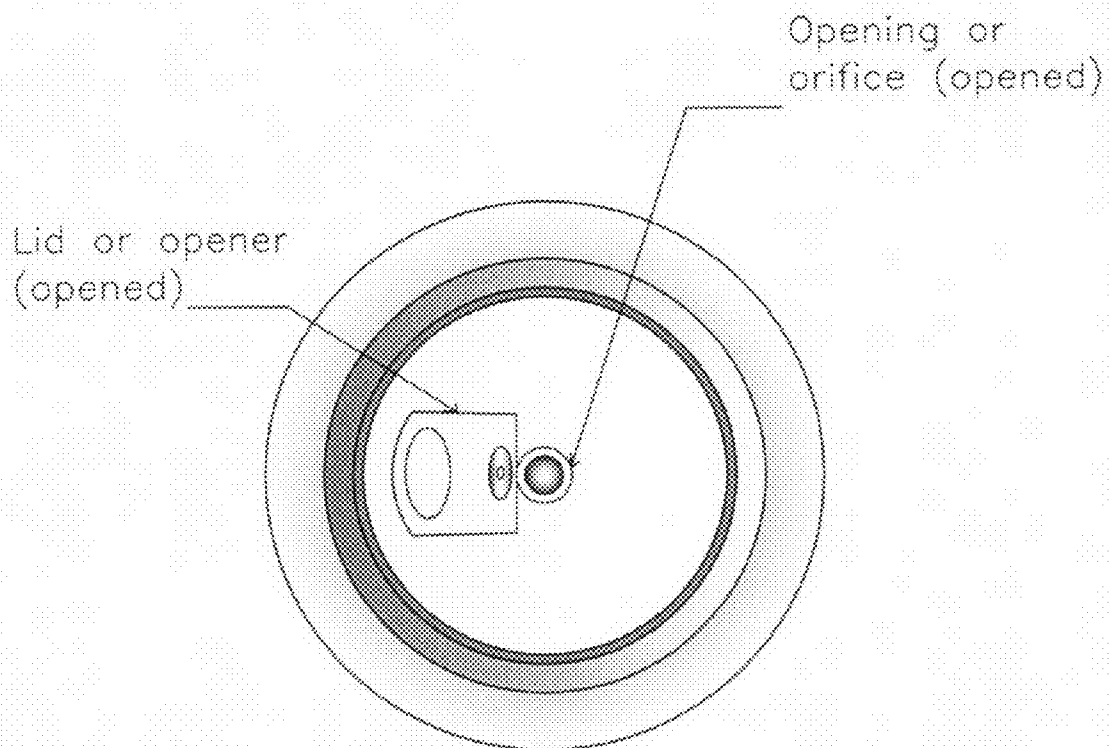


FIG. 10 SECTION 1-1

Description: This figure represents, the section view of a regular metallic beverage container. Yaqrub's system opened; the straw "yaqrub" in its uncompressed position.

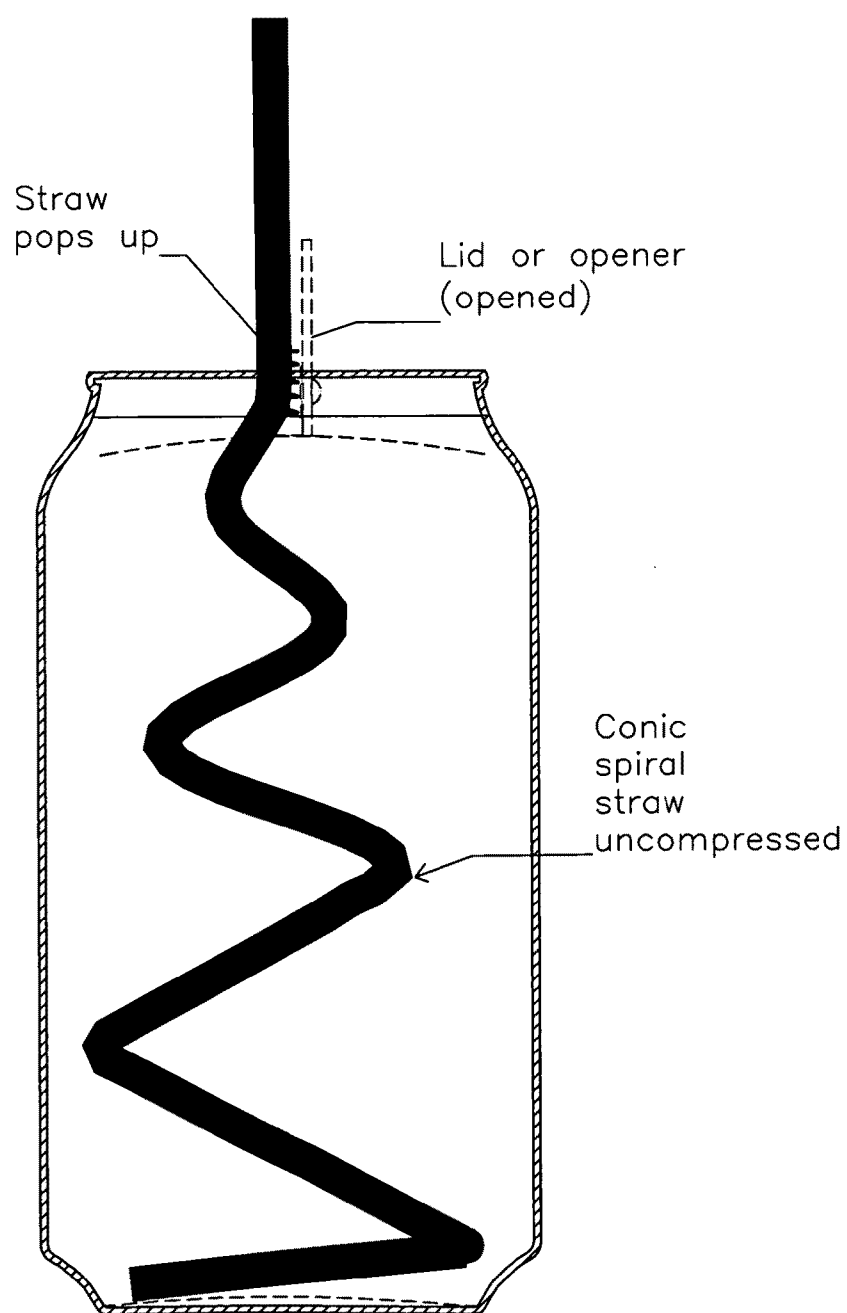


FIG. 11 PERSPECTIVE

Description: This figure represents, the perspective of a regular metallic beverage container. Yaqrub's system opened; the straw "yaqrub" in its uncompressed position.

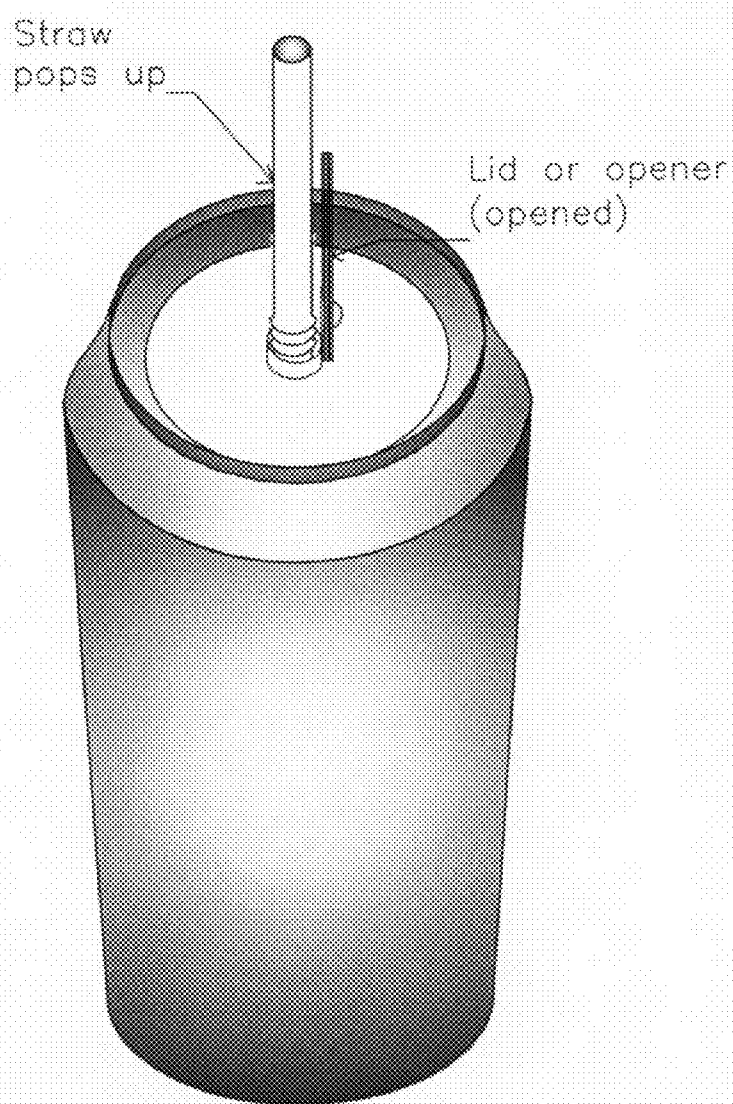


FIG 12 ALTERNATE POSITION

Description: This figure represents, the front view of a regular metallic beverage container.

It shows the lid or opener (yaqrub's system operator) transition from its closed to its opened position.

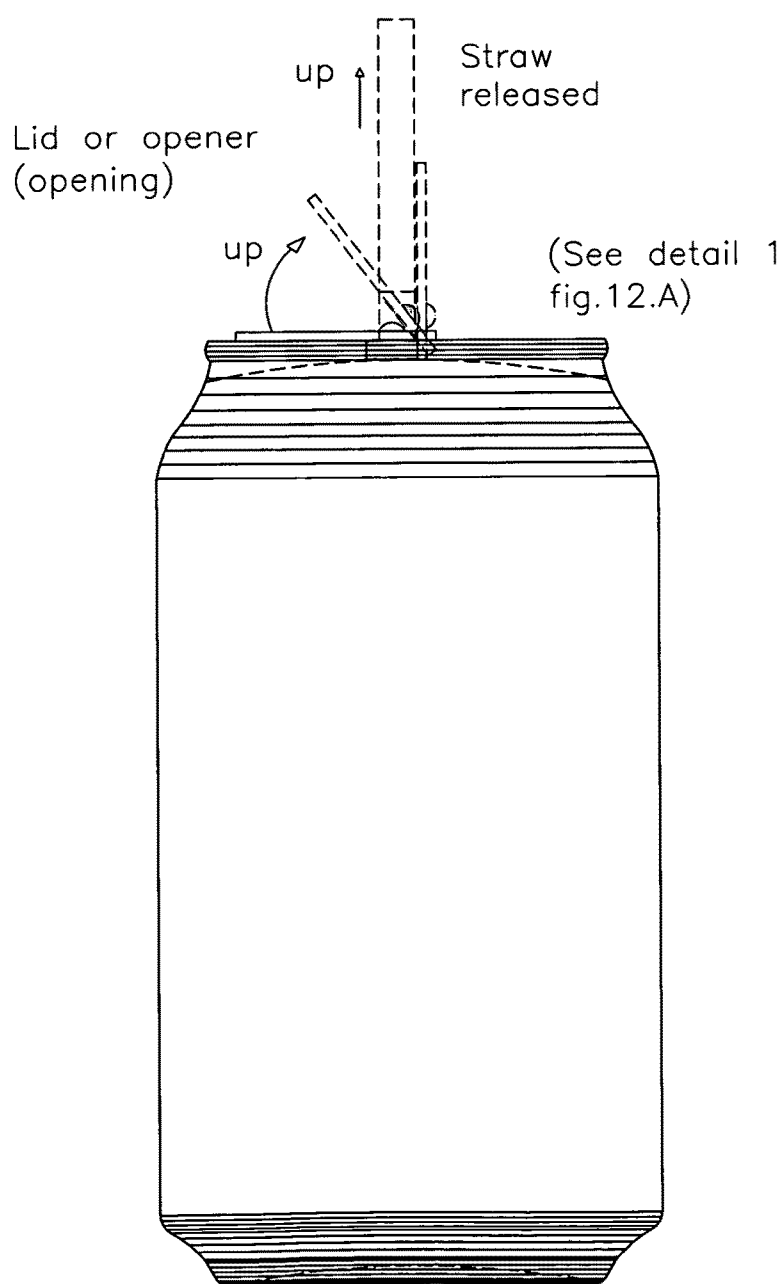
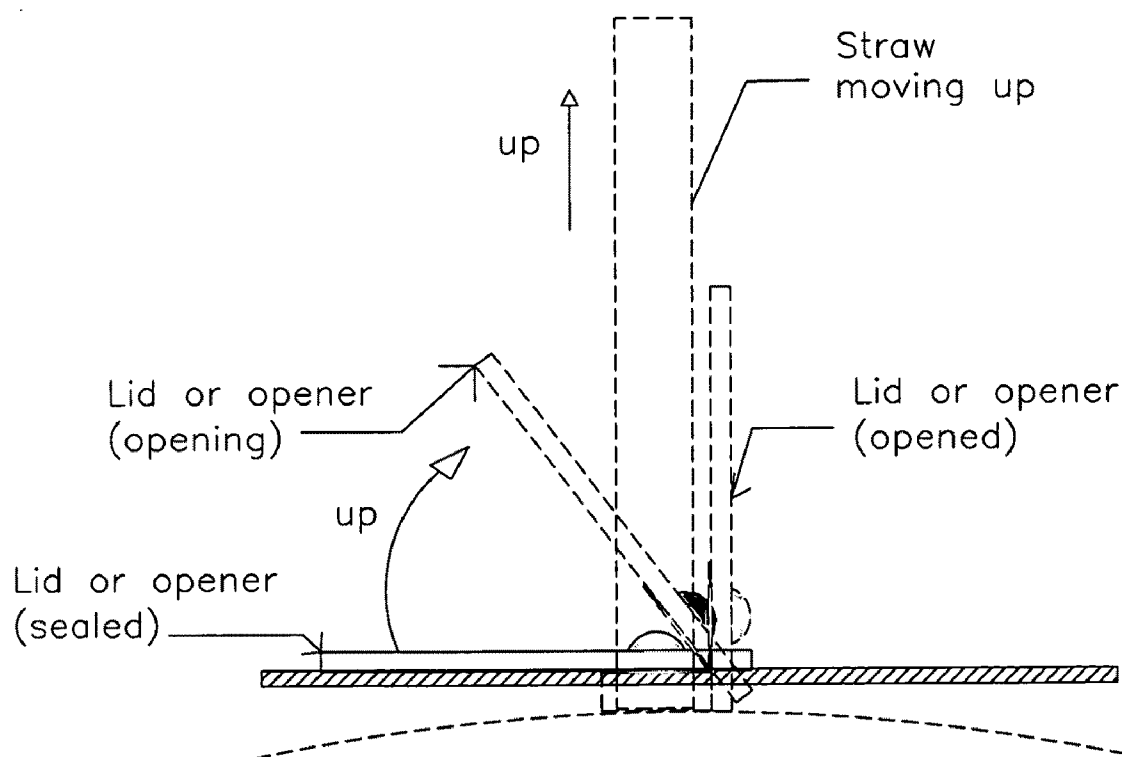


FIG. 12.A DETAIL 1

Description: This figure represents, the detail of a alternate position.
It show the lid or opener (yaqrub's system operator) transition from its closed to opened position.



YAQRUB**TECHNICAL FIELD AND INDUSTRIAL
APPLICABILITY OF THE INVENTION**

[0001] This invention relates to the manufacture of a plastic conic spring-style, flexible straw, incorporated inside a beverage container. The peel off tab or opener is removed from the can, container or bottle of beverage and the straw would extend automatically through an opening.

BACKGROUND OF THE INVENTION

[0002] Plastic straws have been used to sip beverages; they come attached to the Exterior walls of the container or separated. They have to be manipulated to be Introduced inside the beverage container, sometimes they are discarded on the Floor.

[0003] the plastic used to manufacture straws is not easy to recover due to the before-mentioned fact.

**BRIEF DESCRIPTION OF SEVERAL VIEWS OF
THE DRAWINGS**

[0004] FIG. 1 FRONT VIEW: This figure represents, the frontal view of a regular metallic beverage container. It shows the lid or opener (Yaqrub's system operator) in its closed position.

[0005] FIG. 2 ELEVATION: This figure represents, the elevation view of a regular metallic beverage container, It shows the lid or opener (Yaqrub's system operator) in its closed position.

[0006] FIG. 3 PLAN VIEW: This figure represents, the plan view of a regular metallic beverage container. It shows the lid or opener (Yaqrub's system operator) in its closed position.

[0007] FIG. 4 SECTION 1-1: This figure represents the section view of a regular metallic beverage container. It shows the lid or opener (Yaqrub's system operator) in its closed position. The straw "Yaqrub" can be seen compressed inside the container.

[0008] FIG. 6 PERSPECTIVE: This figure represents, the perspective a regular metallic beverage container. It shows the lid or opener (Yaqrub's system operator) in its closed position.

[0009] FIG. 7 FRONT VIEW: This figure represents, the frontal view of a regular metallic beverage container. It shows Yaqrub system opened; the straw "yaqrub" in its uncompressed position.

[0010] FIG. 8 ELEVATION: This figure represents, elevation of a regular metallic beverage container. It shows Yaqrub system opened; the straw "yaqrub" in its uncompressed position.

[0011] FIG. 9 PLAN VIEW: This figure represents, the PLAN view of a regular metallic beverage container. It shows Yaqrub system opened; the straw "yaqrub" in its uncompressed position.

[0012] FIG. 10 SECTION 1-1: This figure represents, the section view of a regular metallic beverage container. It shows Yaqrub system opened; the straw "yaqrub" in its uncompressed position.

[0013] FIG. 11 PERSPECTIVE: This figure represents, the perspective of a regular metallic beverage container. It shows Yaqrub system opened; the straw "yaqrub" in its uncompressed position.

[0014] FIG. 12 ALTERNATE POSITION: This figure represents, the front view of a regular metallic beverage container. It shows the lid or opener (yaqrub's system operator) transition from its closed to position.

[0015] FIG. 12.A DETAIL 1: This figure represents, the detail of a alternate position. It shows the lid or opener (yaqrub's system operator) transition from its closed to opened position.

What is claimed is:

1. A plastic conic spring-style flexible straw incorporated inside the cartoon of milk, can, container or bottle of beverage comprising:

- a) A plastic conic spring-style flexible straw, when the beverage container is closed the straw is compressed, when the container is opened the straw automatically extends through an opening. (ref section 1-1 fig. a and fig b)
- b) The lower part is a spring mechanism
- c) The upper part is straight with an accordion where the spring ends to allow the consumer to bend the straw when sipping from the straw. (ref section 1-1 fig. a)

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