United States Patent [19]

Chappell

[11] **3,799,600**

[45] **Mar. 26, 1974**

[54] **HOLDER FOR A VACUUM BOTTLE**

[76] Inventor: **Gilmore H. Chappell,** 1513 E. Cliveden St., Philadelphia, Pa. 19150

[22] Filed: **Dec. 6, 1971**

[21] Appl. No.: **205,002**

[52] **U.S. Cl.** ..... **294/31.2,** 224/45 P, 224/49

[51] **Int. Cl.** **A47j 45/00**

[58] **Field of Search** ..... 224/45 P, 46 R, 49, 58; 294/31.2, 33

[56] **References Cited**

UNITED STATES PATENTS

3,116,947	1/1964	Brownrigg	224/45 P X
3,086,806	4/1963	McAndrew	224/45 P UX
3,682,352	8/1972	Douchette	294/33 X
2,104,917	1/1938	Tischler	224/49 UX

Primary Examiner—Gerald M. Forlenza
Assistant Examiner—Jerold M. Forsberg
Attorney, Agent, or Firm—Seidel, Gonda & Goldhammer

[57] **ABSTRACT**

A holder for a vacuum bottle which comprises two collars and a sling connected therebetween. A portion of the periphery of each of the collars is comprised of a generally non-rotating surface so that the collar and vacuum bottle cannot roll. The collar is comprised of a resilient material so that should the vacuum bottle fall, the fall will be cushioned.

1 Claim, 2 Drawing Figures

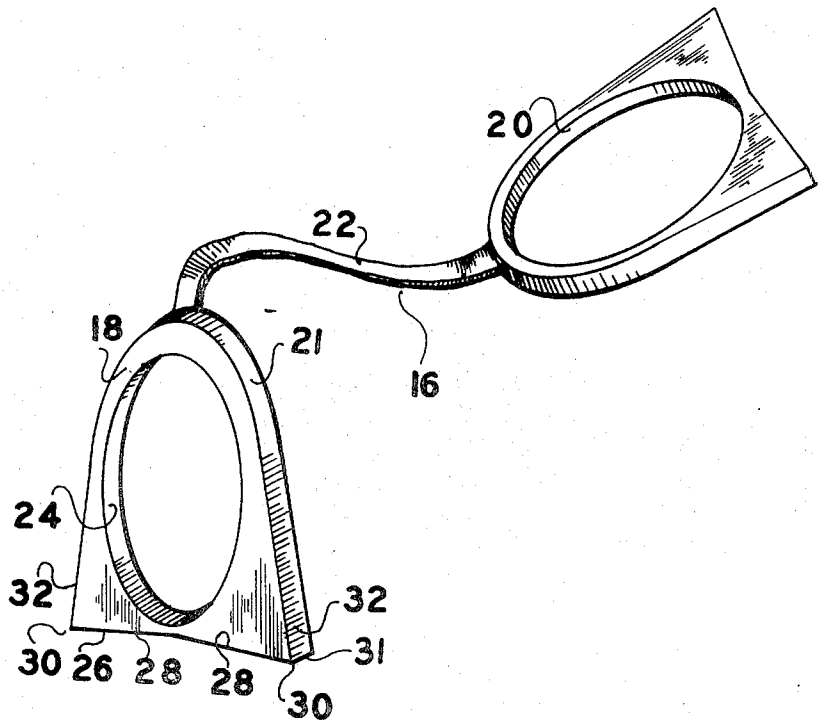
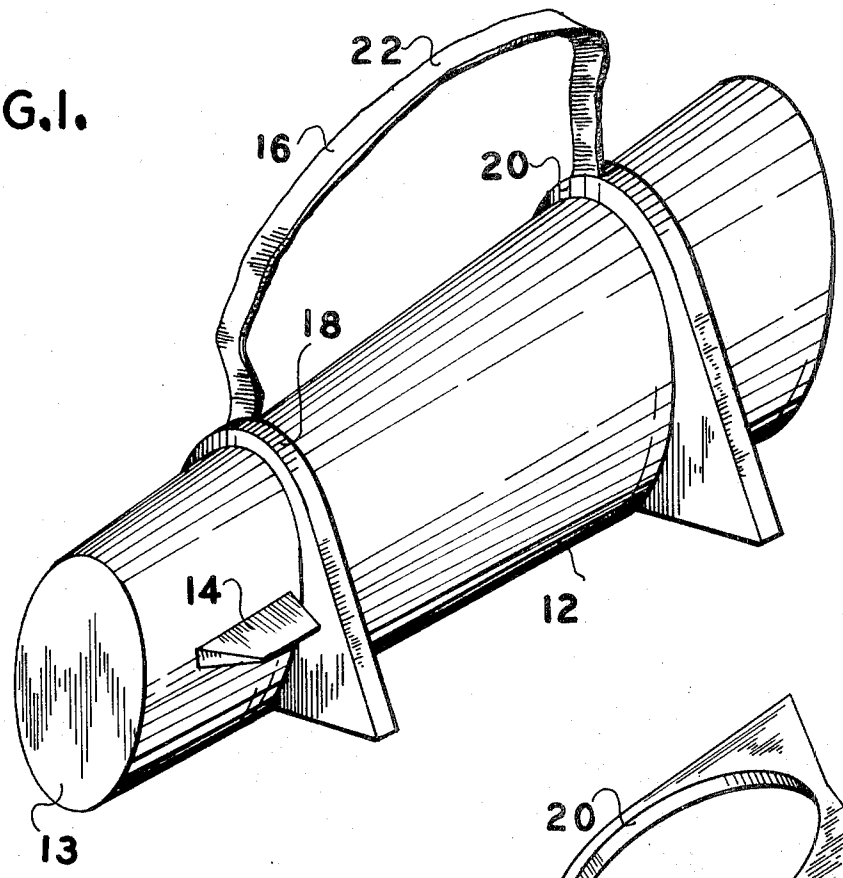


FIG. 1.



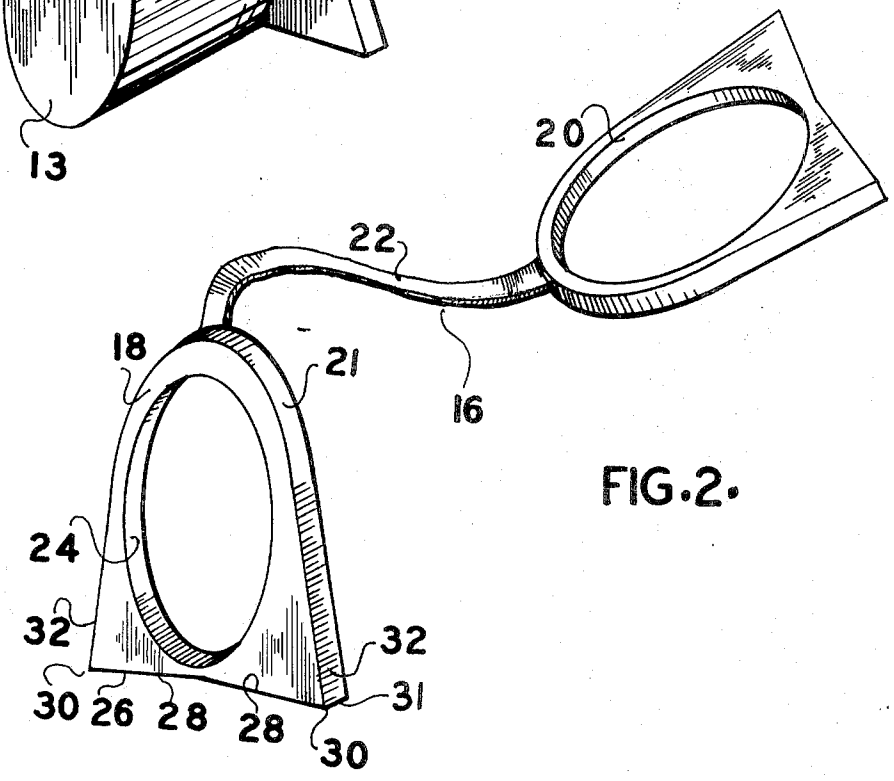


FIG. 2.

HOLDER FOR A VACUUM BOTTLE

This invention relates to a holder for vacuum bottles, and more particularly to a holder which is operative to protect a vacuum bottle from falls.

Vacuum bottles are generally comprised of plastic housing with glass liners supported therein. The liners are spaced from the interior of the plastic housing so that the air jacket formed thereby provides thermal insulation for the material within the glass liner.

These liners are fragile. Hence, if the vacuum bottle is dropped, or falls as by rolling from a table or counter, it is highly like that the liner will break.

The device disclosed herein provides a simple and convenient vacuum bottle holder which prevents a vacuum bottle from rolling. Additionally, the device also serves as a cushion for the vacuum bottle should it accidentally fall.

Generally, the invention relates to a holder for a vacuum bottle which comprises first and second collars and a sling interconnecting the collars.

For the purpose of illustrating the invention, there is shown in the drawings a form which is presently preferred; it being understood, however, that this invention is not limited to the precise arrangements and instrumentalities shown and wherein;

FIG. 1 is a perspective view of the holder supporting a vacuum bottle.

FIG. 2 is a perspective view of the holder alone.

Now referring to the drawing for a detailed description of the invention, a vacuum bottle **10** comprising a body **12** and a cap **13** is illustrated in FIG. **1.** The cap **13** which also functions as a cup is provided with a handle **14.**

The holder **16** is comprised of first and second collars **18** and **20** and a sling **22.** Preferably, the collars are comprised of resilient material such as rubber, soft plastic, foam or the like.

The sling **22** may be formed integrally with both collars, or may be comprised of a separable element whose length is adjustable.

Since collars **18** and **20** are identical, only one of them, namely, collar **18** will be described in detail.

Collar **18** is generally triangular with its apex **21** rounded. The sling **22** is connected to the collars at their rounded apexes. It includes a circular opening **24** which can slidably receive the vacuum bottle. Since the collar is comprised of resilient material, the opening **24** may be somewhat smaller than the diameter of the vacuum bottle. Thus, the collar is frictionally held on the bottle. It is apparent that by careful selection of the resilient material from which the collar is made, one collar may accommodate a plurality of vacuum bottles of different sizes. In such an instance, the collar would resiliently stretch to accommodate vacuum bottles of increased diameter.

As seen in FIG. **2,** a portion of the periphery of collar **18** defines a base **26.** The base has the appearance of an inverted "V" comprising legs **28.** The terminus of the legs **28** at the base **30** which include edges **31** of the inverted "V" define two spaced supports **30.** As seen in FIG. **1,** the collar rests on the supports thereby preventing the vacuum bottle from rolling.

The supports **30** merge into the remainder of the collar by virtue of straight sides **32** disposed on either side thereof. The straight sides **32** also define surfaces which prevent rolling of the vacuum bottle.

When the holder is mounted on a vacuum bottle, the collars not only prevent rolling, but also serve as a cushion should the bottle fall. Additionally, it is apparent that the bottle can be carried by sling **22** or it can be stored on a hook, for example, by virtue of the sling when not in use.

While the invention has been described with reference to a particular form, it is apparent that many other forms would be obvious to those skilled in the art in view of the foregoing description. Thus, the scope of the invention should not be limited by that description, but, rather, only by the scope of the claims appended hereto.

I claim:

1. A holder for a vacuum bottle comprising first and second collars and a sling interconnecting said collars, each of said collars having a circular opening and being comprised of resilient material to expand and frictionally engage a vacuum bottle, said collars being generally triangular in configuration, the apex of each of said collars being rounded, the base of said generally triangularly shaped collars having the shape of an inverted "V" with the base of said "V" comprising two spaced supports, each of said supports comprising an elongated edge for engagement with a supporting surface, said edges frictionally engaging the supporting surface to restrain the holder thereon, a portion of the periphery of each of said collars being substantially flat so that said substantially flat portions prevent said collars from rolling, the material at the apex of the V-shaped base being stretchable to permit different size bottles to be accommodated; and said sling is connected to said collars at their respective apexes.

* * * * *