United States Patent [19]

Nichol et al.

[11] **3,815,388**

[45] **June 11, 1974**

[54] **FLAMMABLE FLUID CONTAINER SECURITY DEVICE**

[76] Inventors: **Thomas W. Nichol,** 3817 N. 52nd St., Milwaukee, Wis. 53216; **Richard J. Schmidt,** 4068 N. 91st St., Milwaukee, Wis. 53222

[22] Filed: **Dec. 4, 1972**

[21] Appl. No.: **311,752**

[52] **U.S. Cl.** ..... **70/63,** 248/361 R

[51] **Int. Cl.** **B65d 55/14,** E05b 65/52

[58] **Field of Search** ..... 70/14, 15, 18, 57, 58, 70/61, 62, 63; 248/361 R, 154

[56] **References Cited**

UNITED STATES PATENTS

2,837,217	6/1958	Norris	248/361 x
3,036,749	5/1962	Evans	248/42.32
3,240,407	3/1966	Bock	248/203 X
3,266,765	8/1966	Campbell	248/346
3,498,400	3/1970	Hysmith	70/14 X

Primary Examiner—Robert L. Wolfe

Attorney, Agent, or Firm—Gerald P. Welch

[57] **ABSTRACT**

A base, frame and lock assembly for securing a container of flammable liquid such as gasoline on a trailer for snowmobiles or the like. A padlock secures a cover, which when lifted by removal of the padlock permits access to threaded means for release of a detent which normally prevents removal of the fuel container.

2 Claims, 2 Drawing Figures

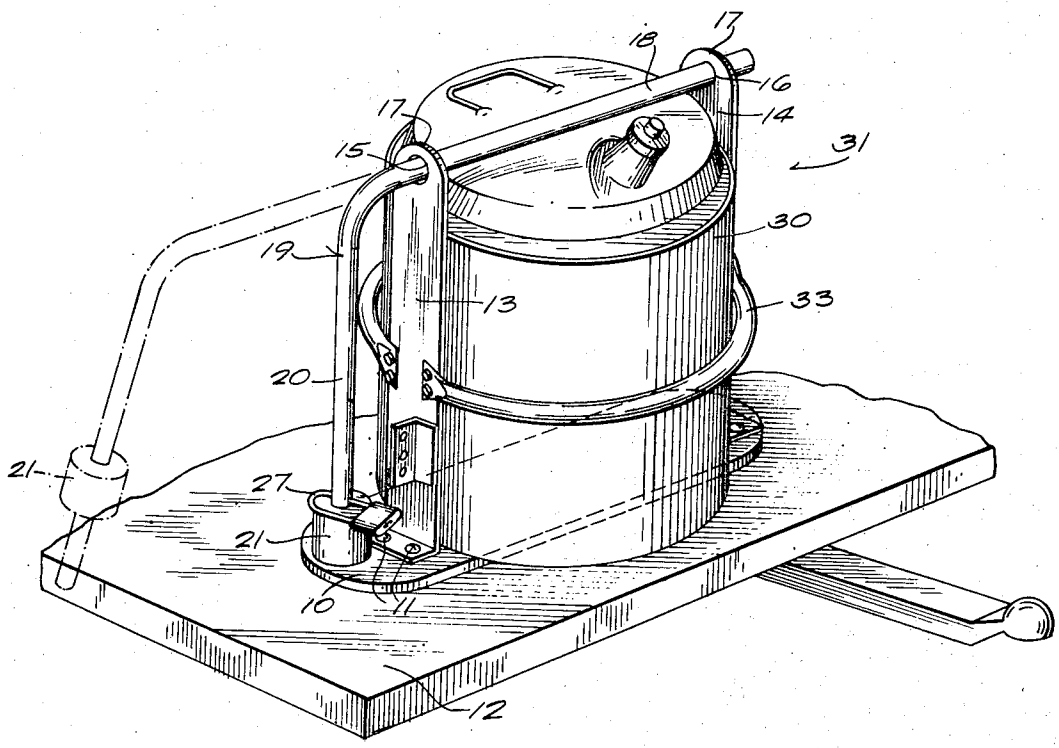
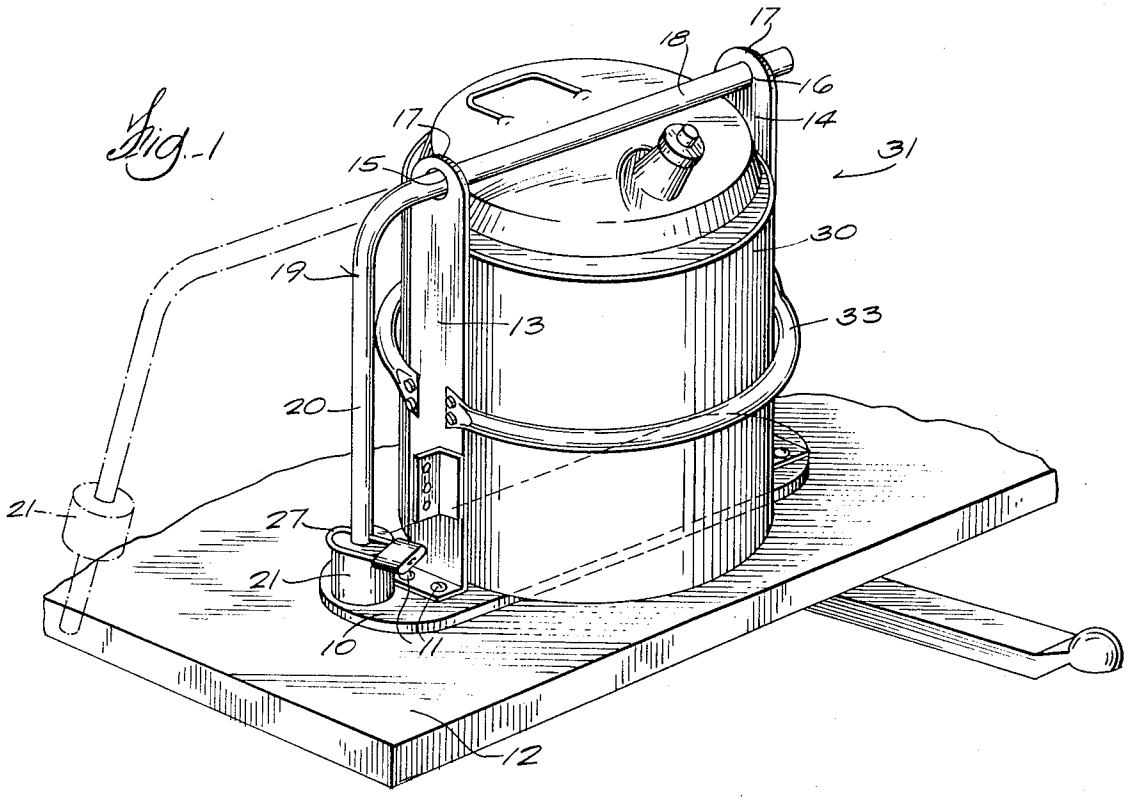


Fig. 1



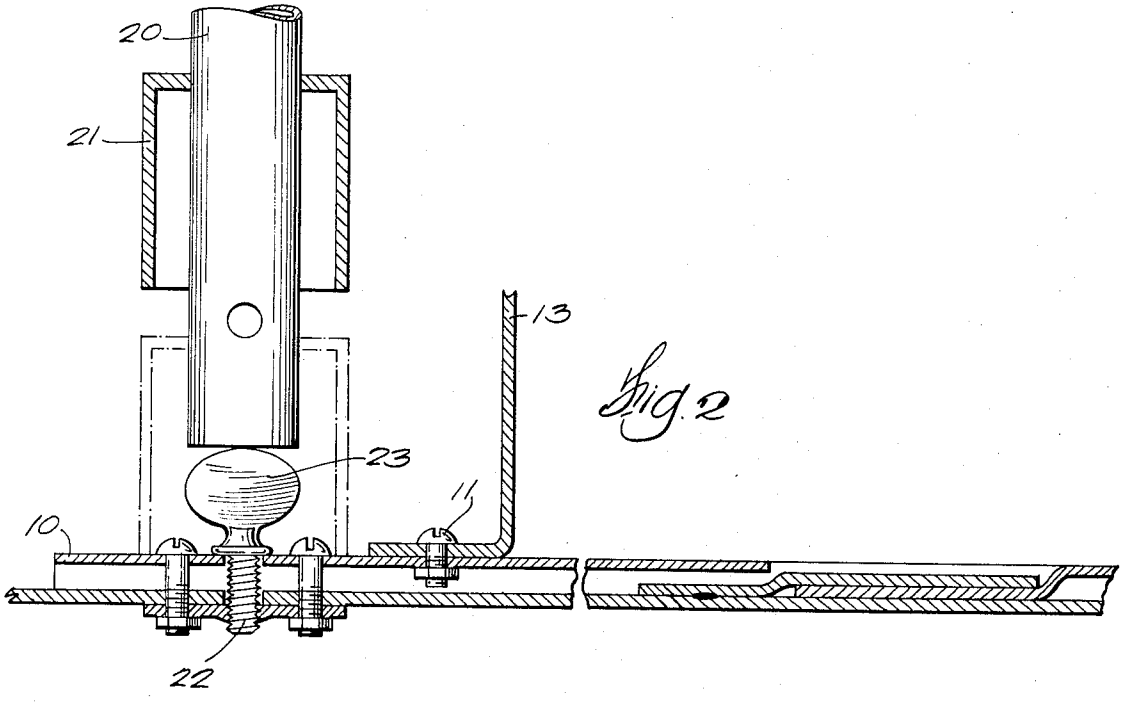


Fig. 2

FLAMMABLE FLUID CONTAINER SECURITY DEVICE

BRIEF SUMMARY OF THE INVENTION

A snowmobile is normally transported to a scene of activity on a trailer and very often the site chosen is some distance from a gasoline filling station. It is an object of the present invention to provide means for conveniently securing a fuel can to the snowmobile trailer and to provide locking means for the container to guard against theft thereof in the absence of the user. The device comprises a metal base which may be secured to the floor of the trailer, a pair of bar uprights vertically fixed thereon, and a pair of arcuate tubular horizontal frame members fixed to said uprights and adapted to embrace the fuel container.

BREIF DESCRIPTION OF THE DRAWING

FIG. **1** is a view in perspective of a flammable fluid container security device.

FIG. **2** is a fragmentary view of the release mechanism for the fuel can rack.

DETAILED DESCRIPTION

The device includes a base **10** secured by screws or bolts **11** to the trailer floor **12.** A pair of vertical standards **13** and **14** are apertured as at **15** and **16** adjacent the upper ends **17** thereof to freely lodge the horizontal portion **18** of the tubular element **19** which is continued in an integral vertical portion **20.** At the lower end of portion **20** is a vertically slidable bell cover **21,** which when lowered fits over a threaded element with a thumb handle **23.** The lower end of threaded element **22** engages within a threaded aperture at **24** of the sliding bar **25** horizontally disposed in the base **10,** and a shoulder **26** disposed on the bar **25** keeps the fuel can against unauthorized removal. When the bell cover is down over thumb handle **23,** the vertical tubular portion is double apertured on a horizontal plane just over the top of the bell cover **21,** to accommodate a padlock shackle **27** to prevent raising of the bell cover **21** to free the thumb handle **23** on element **22.** The horizontal portion **18** of the tubular element **19** when locked prevents upward removal of the fuel can **30** from the rack **31.**

A pair of arcuate tubular members **32** and **33** are horizontally disposed and fixed by rivet means **34** to the adjacent edges of the standards **13** and **14.**

Having thus described the invention, what is claimed and desired to be secured by Letters Patent of the United States is:

1. A fuel container security rack for snowmobile trailers comprising a base for attachment to the platform of the trailer, a pair of vertical standards fixed one adjacent each end of said base, a pair of arcuate tubular members fixed horizontally on a plane centrally on said standards for freely encircling a fuel container, said standards being apertured adjacent their upper ends, an angular tubular member journaled freely within said apertures to prevent upward removal of said fuel container, and locking means associated with one end of said angular tubular member to prevent removal of said tubular member and the fuel container.

2. A device as in claim **1,** and an integral portion of said tubular angular member normally extending downwardly with the lower end thereof engaged with a locking means associated with the base of the device.

* * * * *