April 28, 1953 G. E. MARRIER 2,636,650

POURING SPOUT ATTACHMENT

Filed March 15, 1950

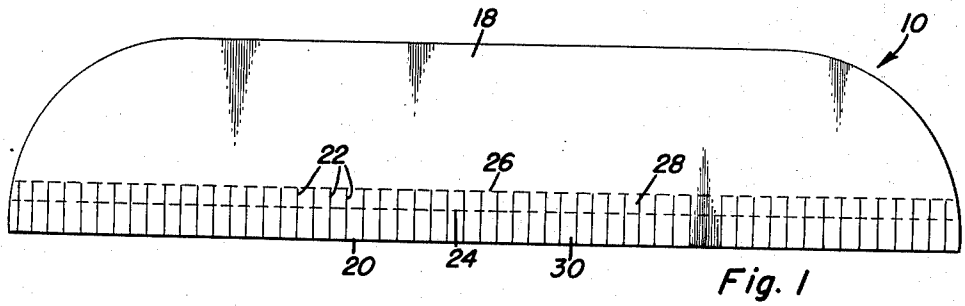


Fig. 1

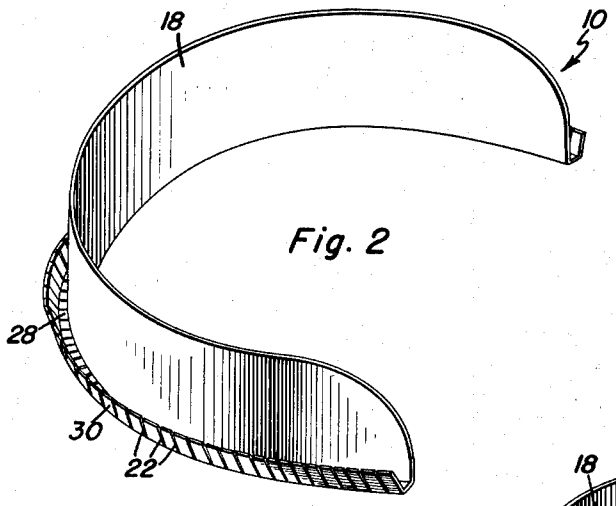


Fig. 2

Fig. 3

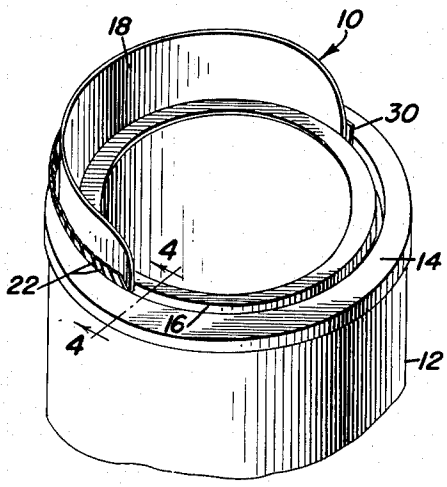
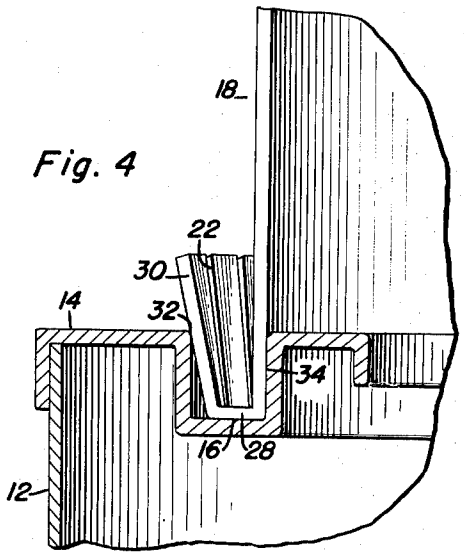


Fig. 4



George E. Marrier

INVENTOR.

BY Clarence A. O'Brien and Harvey B. Jacobson

Attorneys

Patented Apr. 28, 1953

2,636,650

UNITED STATES PATENT OFFICE

2,636,650

POURING SPOUT ATTACHMENT

George E. Marrier, Burlington, Vt., assignor of fifty per cent to Andrew J. Marrier, Burlington, Vt.

Application March 15, 1950, Serial No. 149,827

3 Claims. (Cl. 222—570)

1

This invention relates to new and useful improvements and structural refinements in pouring spout attachments for cans, or the like, the principal object of the invention being to provide a device of the character herein described, such as may be conveniently and effectively inserted in the usual, annular groove provided at the upper edge of a paint can, so as to facilitate pouring of paint out of the can without the paint running down the sides of the can or into the groove.

An important feature of the invention resides in the provision of a blank from which the attachment may be quickly and easily formed.

Some of the advantages of the invention lie in its simplicity of construction, in its adaptability for use on cans of different sizes and diameters, and in its adaptability to very economical manufacture.

With the above more important objects and features in view, and such other objects and features as may become apparent as this specification proceeds, the invention consists essentially of the arrangement and construction of parts as illustrated in the accompanying drawings, in which:

Figure 1 is a developed plan view of the blank from which the invention is formed;

Figure 2 is a perspective view of the invention in readiness for use;

Figure 3 is a perspective view of the invention applied to a can, and

Figure 4 is a fragmentary sectional detail, taken substantially in the plane of the line 4—4 in Figure 3.

Like characters of reference are employed to designate like parts in the specification and throughout the several views.

Referring now to the accompanying drawings in detail, the invention consists of a pouring spout attachment which is designated generally by the reference character 10 and is intended for use with a conventional can 12 having a flange 14 at the upper end thereof provided with an annular groove 16, the attachment 10 being formed integrally from one blank of material, such as paper, which, in its developed form, is illustrated in Figure 1. This blank assumes the nature of an elongated panel 18 which, being preferably formed from paper, is relatively thin and flexible, and has a straight longitudinal lower edge 20.

The lower longitudinal marginal portion of the panel or sheet 18 is provided with a plurality of spaced slits 22 defining resilient tongues or fingers 28 which are bent outwardly at right angles from said sheet on the line 26. The tongues or fingers 28 are bent at an intermediate point, as on the line 24, in a manner to provide end portions 30 which extend upwardly and outwardly from the sheet 18 and which are engageable with the upper, outer portion 32 of the can groove 16. This is shown to advantage in Figure 4 of the drawing.

2

In use, the panel or sheet 18 is bent to the desired curvature according to the size of the can and inserted in the groove 16 with the lower marginal portion of said sheet in face-abutting engagement with the inner wall 34 of said groove. When the sheet 18 is thus inserted, the outwardly inclined portions 30 of the independent resilient tongues 28 engage the portion 32 of the container and are forced inwardly and tensioned thereby. Thus, the sheet 18 is held firmly in face-abutting engagement with the inner wall 34 of the groove 16 in a manner to positively prevent the paint, when it is poured, from entering said groove. The construction and arrangement, it will be observed, is such that the device may be readily inserted in can grooves of various widths and depths. It also will be noted that the device may be economically formed from a single piece of material.

It is believed that the advantages and use of the invention will be clearly understood from the foregoing disclosure and, accordingly, further description thereof at this point is deemed unnecessary.

While in the foregoing there has been shown and described the preferred embodiment of this invention it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

Having described the invention, what is claimed as new is:

1. A pouring spout attachment for cans of the type including a top having an annular groove therein, comprising an elongated bendable sheet insertable in the groove in engagement with the inner wall thereof, and a multiplicity of free, resilient tongues on the lower edge of the sheet extending in spaced opposed relation thereto and engageable with the outer wall of the groove for frictionally securing the sheet therein.

2. A pouring spout attachment for cans of the type including a top having an annular groove therein, comprising an elongated bendable sheet insertable in the groove, and a plurality of free

resilient, angular tongues on the lower portion of the sheet extending in spaced opposed relation thereto and engageable under tension with the outer wall of the groove for frictionally securing the sheet in said groove in face-abutting engagement with the inner wall thereof.

3. A pouring spout attachment for cans of the type including a top having an annular groove therein, comprising an elongated bendable sheet insertable vertically in the groove with its lower marginal portion in face-abutting engagement with the inner wall thereof, and a plurality of tongues integral with the lower edge of the sheet and extending outwardly therefrom substantially at right angles thereto, said tongues terminating

in upwardly and outwardly inclined resilient free end portions spaced from the sheet and engageable with the outer wall of the groove for frictionally securing said sheet therein against the inner wall thereof.

GEORGE E. MARRIER.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
795,126	Hodgson	July 18, 1905
1,277,724	Hodgson	Sept. 3, 1918
2,331,971	Gramp	Oct. 19, 1943