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P. H. FLAUTT

1,814,083

Pouring Spout

Original Filed Aug. 30, 1928

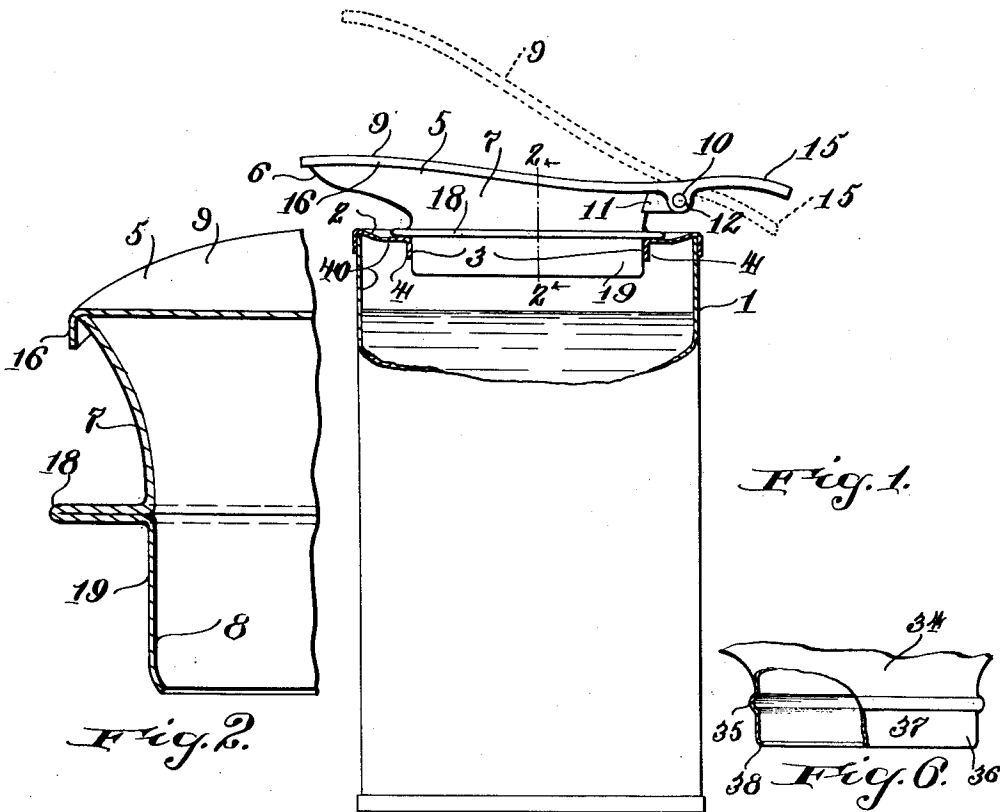


Fig. 2.

Fig. 1.

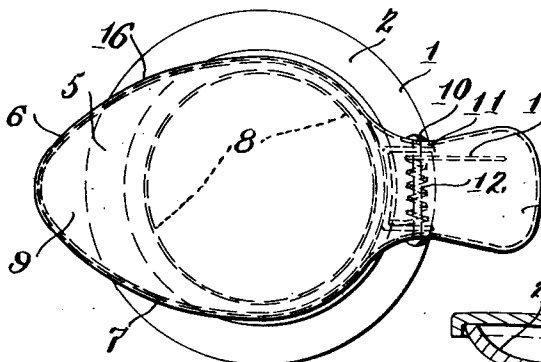
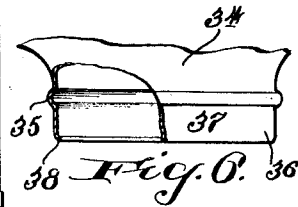


Fig. 3.

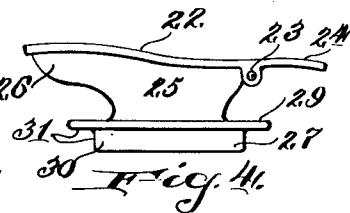


Fig. 4.

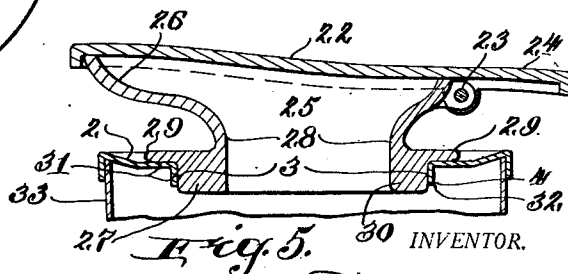


Fig. 5.

INVENTOR.

Witness  
Francis J. [Signature]

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## UNITED STATES PATENT OFFICE

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## POURING SPOUT

Application filed August 30, 1928, Serial No. 302,901. Renewed May 25, 1931.

This invention relates to an improved form of can spout, particularly of the type for use with the well known friction top can. One of the principal obstacles encountered in the sale, distribution and use of such an article as a pouring spout for a can is the manufacturing costs, the time in which it can be made, and its practicability of adaptation to use.

It is the purpose of the present invention of improved form of pouring spout as disclosed, to fulfill the above conditions with satisfaction.

Another purpose of the present invention, which is an improved form of the can spout invention as disclosed in my pending application Number 298,669 is to produce a can spout of a design which may be either made by stamping and die work or made into a casting, thus allowing greater manufacturing scope to an article of this type.

The uses to which this invention may be put are fully disclosed in the above mentioned application.

In the accompanying drawings I have illustrated a friction top can pouring lip embodying the various features of my invention in their preferred form.

Figure 1 is a side elevation of the invention as applied to a friction top can, the same being broken away for purposes of illustration.

Figure 2 is a sectional view taken on the line 2—2 of Figure 1.

Figure 3 is a plan view of Figure 1.

Figure 4 is a side elevation of a modified form of pouring spout.

Figure 5 is a vertical sectional view of the modified form shown in Figure 4 as applied to a fragmentary portion of a friction top can.

Figure 6 is a fragmentary view of a modified form of pouring spout base.

Referring to the drawings by numerals, the invention disclosed is shown as applied to a friction top can 1, the same having a top 2, the top having an annular opening 3 formed by the circumferential flange 4. This flange 4 on the can is used for the purpose of frictionally engaging the well known friction top as used on this type of can, particularly

as used for table syrup. It is the object of the present invention to substitute the pouring spout 5 in the place thereof when the same is used on the breakfast table, thus dispensing with the necessity of pouring the contents into a syrup pitcher, and yet having all the advantages of the same, for pouring and cleanliness, and dispensing with all the disadvantages attributed to either transferring the syrup or using the can on the table.

The pouring spout 5 consists of a pouring lip 6, an upwardly and outwardly flanged annular body portion 7 forming an opening 8, through which the contents of the can may pour, said opening being covered by a top 9 which may be hinged at 10 to the body portion 7 by means of the bracket and pin 11 and 12, respectively. The top may be held in closed position by means of the coil spring 14. An extension or thumb engaging portion 15 is shown as an integral portion of the top.

The top 9 and extension 15 have a downwardly disposed flange 16 about their outer edges for purposes of better sealing the opening and also to lend rigidity to these members.

The annular body portion 7 is provided with an outwardly extending circumferential flange 18, which is formed integral therewith. Below this flange 18 and integral therewith is an annular and downwardly disposed flange 19, the same being formed for the purpose of frictionally engaging the can flange 4 as shown in Figure 1. The outwardly disposed flange 18 is for the purpose of positioning the pouring spout in the can and may be utilized for withdrawing the same from the can by means of inserting a flat instrument thereunder.

Figures 4 and 5 disclose a modified form of pouring spout for friction top cans, the same being formed particularly for the purpose of being cast or molded from a light alloy, bakelite or similar material. This form of pouring spout has a top 22 which may be hinged at 23 and has an extension or thumb rest 24. The upward and outwardly flanged annular body portion 25 forming an opening 28 is so shaped as to make a pouring

lip at 26. The lower part of the annular body 25 is integrally engaged at flanged base 27, the same having an outwardly disposed circumferential flange 29 and a downwardly disposed ring-shaped portion 30.

The downwardly disposed ring-shaped portion 30 together with the flange 29 forms an inverted L shaped frictional engaging surface 31, for the purpose of positioning the pouring spout in frictional engagement to the flange 32 of the can 33 as shown in Figure 5.

Figure 6 is a modified form of base for a pouring spout to be used with a friction top can. The body 34 of the same has a circumferential flange 35, and below this flange and integral therewith is an annular and downwardly disposed flange 36 having a frictional or can engaging outer surface 37, which may be turned in slightly at 38 for the purpose of more readily entering the opening in the can. The positioning flange 35 is approximately in the form of a half circle and small in size for the purpose of rendering the same more readily manufactured.

The present invention and its modified forms are so designed as to be cheaper to manufacture, are easy to clean and thus more sanitary, and the opening in the spout may be considered approximately as large as the opening in the can, thus allowing a minimum amount of the can contents, such as syrup, to become trapped in the corner 40 at the top of the can when the same is considered almost empty.

I have thus described my invention specifically and in detail in order that its nature and operation may be fully understood; however, the specific terms herein are used descriptively rather than in their limiting sense, and the scope of the invention is defined in the claims.

What I claim and desire to secure by Letters Patent is:

1. A pouring spout for friction top cans having a top thereon, a downwardly depending flange on said top, an annular body portion supporting said top, an opening in said body portion, a circumferential flange about said body portion, a downwardly disposed frictional engaging flange below said circumferential flange, the said two flanges forming an inverted L shaped can engaging and positioning means.

2. A pouring spout for friction top cans having a downwardly disposed flanged top thereon, an annular body portion forming an opening approximately as large as the opening in the can, said body portion being flared outwardly and thence inwardly forming a circumferential flange in a horizontal plane for positioning said pouring spout in the can, said circumferential flange having a downwardly disposed annular ring integral therewith forming a frictional engaging sur-

face to engage the pouring spout with the can, as hereinbefore described.

Signed by me at Baltimore, Maryland, this 28th day of August, 1928.

PORTER H. FLAUTT. 70

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