July 14, 1953 H. E. PLOUGH 2,645,382

COMBINED SPOUT AND STRAINER

Filed Aug. 2, 1950

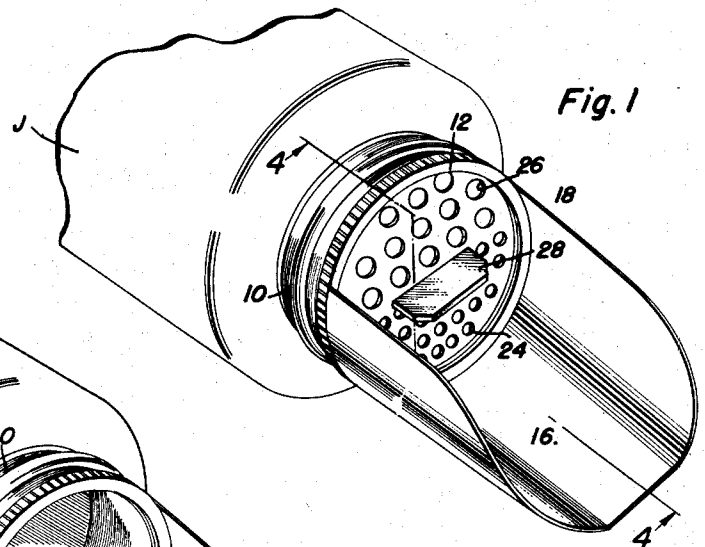


Fig. 1

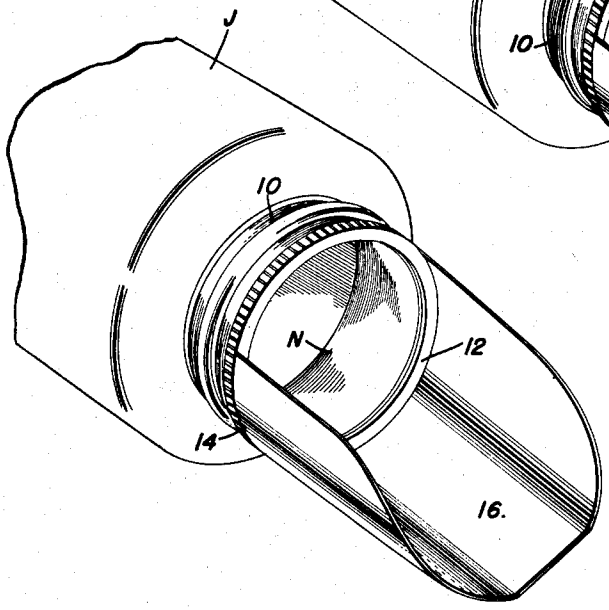


Fig. 2

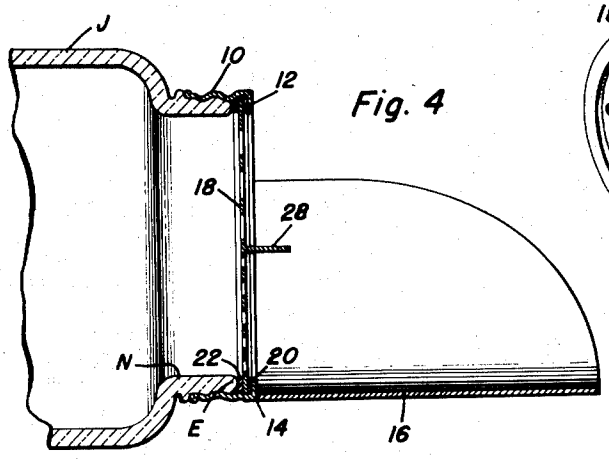


Fig. 4

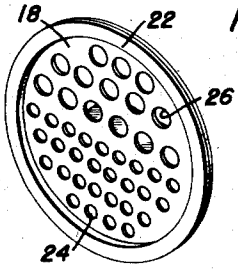


Fig. 3

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COMBINED SPOUT AND STRAINER

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2 Claims. (Cl. 222—189)

1

This invention relates to new and useful improvements in dispensing attachments for jars and the like receptacles, and the primary object of the present invention is to provide a combined pouring spout and strainer attachment for fruit jars and the like.

Another important object of the present invention is to provide a combined spout and strainer including an attaching sleeve supporting a spout and rotatably supporting a perforated plate having groups of various size openings which may be selectively positioned to receive material poured from a jar through the sleeve.

A further object of the present invention is the provision of a device of the aforementioned character embodying sealing gaskets that will permit the device to be applied to a jar without permitting leakage past the sleeve and which gaskets also function to retain the plate in a selected rotated position when the sleeve is threaded on the neck of a jar.

A still further aim of the present invention is to provide a combined spout and strainer that is composed of parts that are quickly and readily cleaned in a convenient manner to encourage retaining of the device in a sanitary condition.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view of the invention mounted on a jaw;

Figure 2 is a view similar to Figure 1 but showing the strainer plate removed;

Figure 3 is a perspective view of the strainer plate; and

Figure 4 is a sectional view taken substantially on the plane of section line 4—4 of Figure 1.

Referring now to the drawings in detail, wherein for the purpose of illustration, there is disclosed a preferred embodiment of the present invention, the numeral 10 represents an internally threaded sleeve or collar having an inturned peripheral flange 12 at its outer end.

The arcuate inner end edge 14 of an elongated spout or channel 16 is rigidly secured, by any suitable means, to the outer end of the sleeve 10. The edge 14 extends about more than half the periphery of the sleeve 10.

A circular disk or plate 18 is mounted for rotation in the sleeve 10 and underlies the flange 12. A sealing ring or rubber gasket 20 secured to the undersurface of the flange 12 is engaged by

2

the plate 18. The inner face of the plate 18 also supports a sealing ring or gasket 22 that will engage the outer edge E of a jar neck N about which the sleeve is threaded.

The plate 18 is formed with at least two groups of various size openings 24 and 26 that will selectively receive material discharged from the jar J on which the invention is applied. A finger grip 28 extends from the central portion of the plate 18 and constitutes a means whereby the plate 18 may be rotated.

In practical use of the present invention for merely pouring material from a jar, as shown in Figure 2, the plate 18 is not employed and the sleeve 10 is threaded on the neck N to engage the ring 20 with the edge E. The inner edge of the flange 12 is flush with the inner periphery of the neck N so that material may flow from the jar and onto the channel 16.

When the combined pouring and straining operation is desired, the plate 18 is inserted in the sleeve 10 and rotated so that material in the jar will pass through either the openings 24 or 26. The sleeve 10 is threaded sufficiently on the neck N to clamp the plate 18 between the rings 20 and 22, and thereby retain the plate 18 in a selected rotated position.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the construction, operation and advantages of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

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

1. A combined spout and strainer comprising an internally threaded sleeve, an elongated and straight channel-shaped member including an inner arcuate edge at one end fixed to said sleeve and disposed about at least one half of the sleeve, said member having spaced side flanges extending throughout the length of the member, the ends of the flanges remote from the sleeve being convex, an inturned flange at the end of said sleeve to which said arcuate edge is fixed and having an inner flat surface, a resilient sealing ring secured to the inner flat surface of said inturned flange, a circular plate underlying the in-

turned flange and the ring and within the sleeve, a finger grip secured to the outer face of the plate, said plate including an inner face, and a resilient sealing gasket secured to the inner face of said plate, said plate having a series of outlet openings therein, said plate being rotatable within the sleeve by said finger grip and being held in a selected rotated position by tightening the sleeve on the neck of a jar to force the plate against the sealing ring, the openings in said plate being arranged in groups so that material may be dispensed through a selected group.

2. The combination of claim 1 wherein said groups comprise one group of relatively large openings disposed in one half of the plate and a second group of relatively small openings disposed in the other half of the plate.

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