

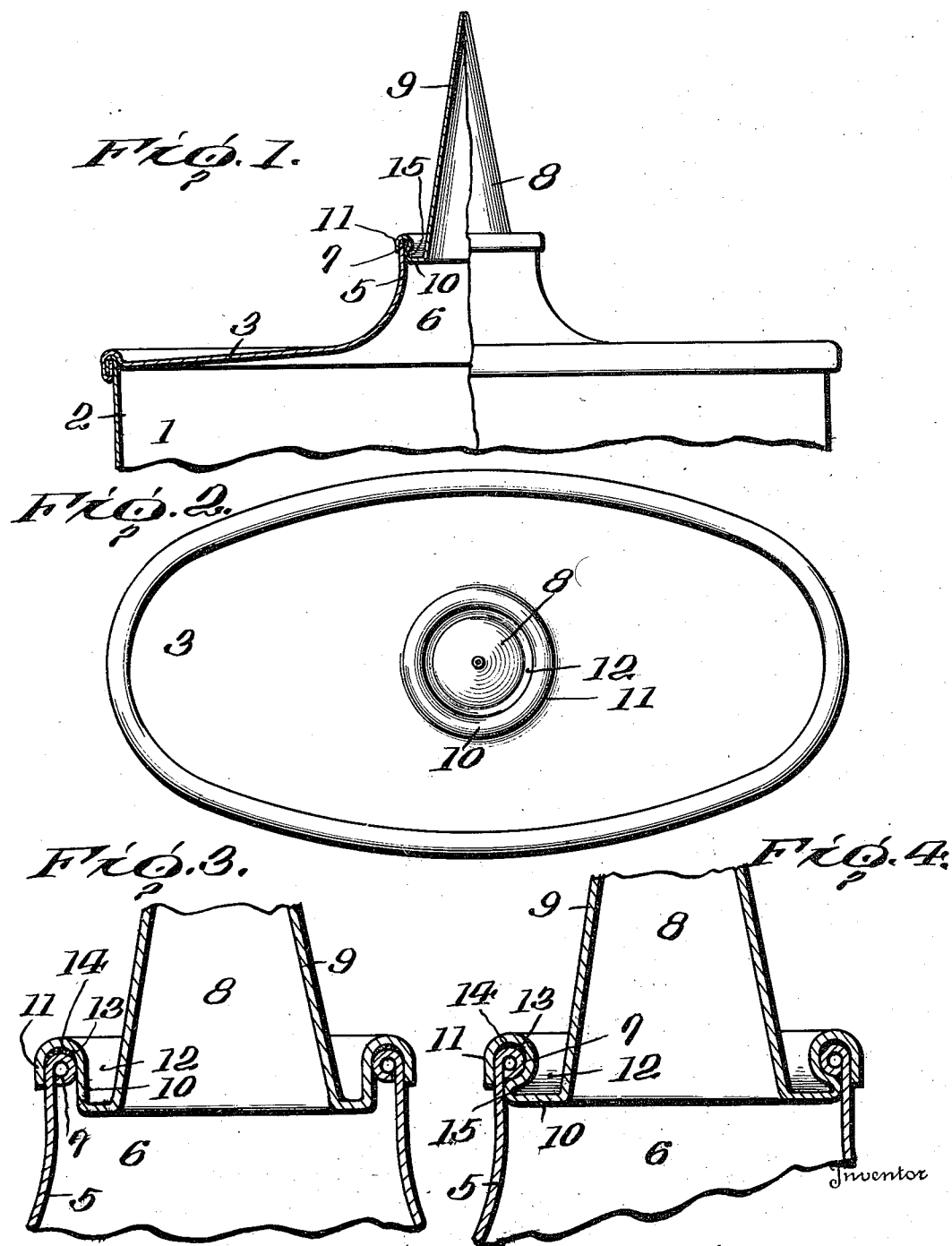
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SPOUT FOR CONTAINERS

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SPOUT FOR CONTAINERS

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1 Claim. (Cl. 221-11)

The invention relates to new and useful improvements in dispensing containers, and more particularly to a container having a pouring spout attached thereto.

5 An object of the invention is to provide a container of the above type wherein the means employed for attaching the spout to the container is simple in construction, while a fluid-tight joint is established thereby.

10 Referring to the drawing—

Figure 1 is a view in side elevation partly in section of the improved container with the pouring spout attached thereto;

Fig. 2 is a top plan view of the same;

15 Fig. 3 is an enlarged sectional view showing the spout loosely in place over a bead on the upper edge of the container neck, and

20 Fig. 4 is a similar view after the metal in the region of the lower portion of the base of the spout has been turned under the bead permanently attaching the spout to the neck.

The invention relates broadly to a dispensing container, and more particularly to a container having a pouring spout attached to one end thereof. The container body is preferably of metal having metal ends joined thereto by a double seam in the well-known manner. One of said ends is provided with an upstanding neck having an opening centrally thereof through which the contents of the container may be dispensed. A portion of the metal around the upper end of the neck is turned inwardly to form a hollow bead. A pouring spout is provided for the container and is adapted to be attached rigidly to the neck.

35 The pouring spout is of the usual form employed for oil cans and the like and has a tapering tubular body portion terminating in a small dispensing opening at one end, and an outwardly flared base portion extending laterally at the other end. The base portion is provided with a depending skirt which is adapted to frictionally fit over the outside of the neck and a centrally depressed portion which is adapted to extend within the neck to a point below the bead. This forms a recess in the base portion of the spout which substantially conforms to the shape of the bead and is adapted to fit around the same. If desired, before assembly, this recess is filled with a suitable sealing compound and placed upon the neck.

50 After the spout and the neck have thus been loosely fitted together, the inwardly depressed portion of the base is uniformly bent outwardly beneath the bead, thereby compressing the sealing material and thus establishing a fluid-tight seal between the spout and the neck.

body portion 2 with ends seamed thereto in the well-known manner. The end 3 is provided with an upstanding neck 5 which is preferably cylindrical in shape and has a central opening 6 herethrough. The portion of the metal around the upper end of the neck is turned inwardly to form a bead 7. A pouring spout 8 is provided for the container having a tapering tubular body portion 9 and a laterally extending base 10. The base 10 has a depending skirt 11 which is adapted to fit over the outside of the neck 5. The base 10 is also provided with a centrally depressed portion 12 which extends within the neck to a point beneath the bead. The depending skirt 11 and the depressed portion 12 form a recess 13 which is adapted to substantially conform to the bead 7 and receive a sealing compound 14.

When the spout 8 has been placed loosely upon the neck 5, the metal of the inwardly depressed portion 12 is uniformly bent or spun outwardly, 20 as indicated at 15 in the drawing, beneath the bead which compresses the sealing compound and makes a fluid-tight joint between the spout and the neck.

From the above, it will be apparent that means 25 has been embodied for attaching a spout to a container neck wherein the parts are positively connected and a novel joint formed which will be fluid-tight and prevent any dislodgment or leakage between the parts.

30 It is obvious that minor changes in the details of construction and the arrangement of the parts may be made without departing from the spirit of the invention as set forth in the appended claim.

35 Having thus described the invention, what I claim as new and desire to secure by Letters-Patent, is—

A container comprising a body portion having ends attached thereto, one of said ends being provided with an upstanding neck, said neck having a pouring opening centrally therethrough, a portion of the metal around the upper end of the neck being turned inwardly to form a bead, and a pouring spout having a laterally extending base, 45 said base having a depending portion adapted to fit over the outside of the neck, and a centrally depressed portion adapted to extend within the neck to a point below the bead thereby forming a recess adapted to receive a sealing compound, 50 said recess substantially conforming to the bead, said inwardly depressed portion of the base being uniformly bent outwardly beneath the bead compressing the sealing compound and making a fluid-tight seal between the spout and the neck. 55

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