April 4, 1933. C. H. ROLLASON 1,903,300

SHEET METAL CONTAINER AND HEAD THEREFOR

Filed Oct. 27, 1930

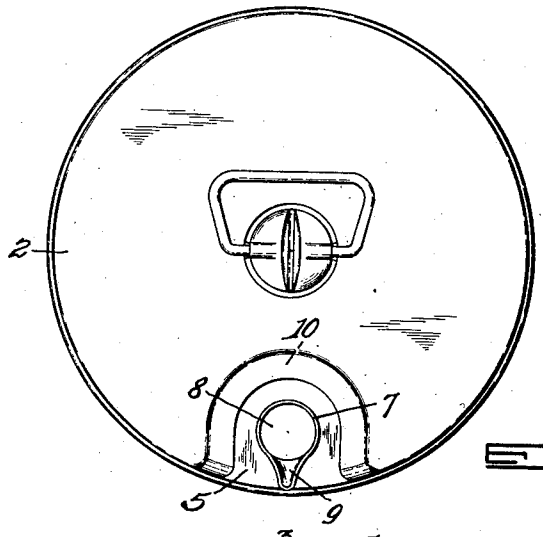


FIG 1

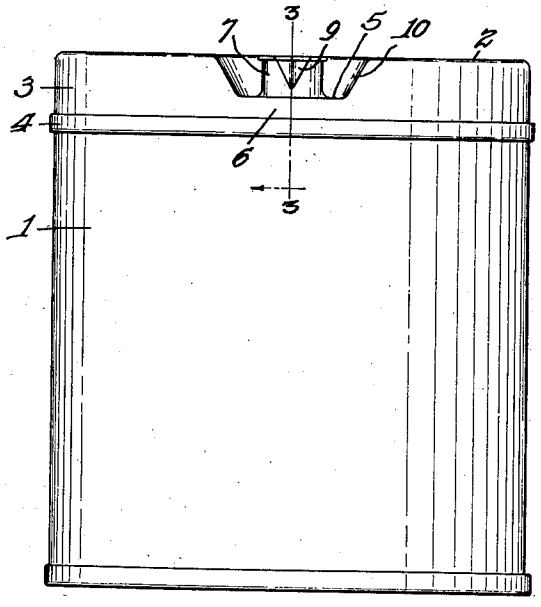


FIG 2

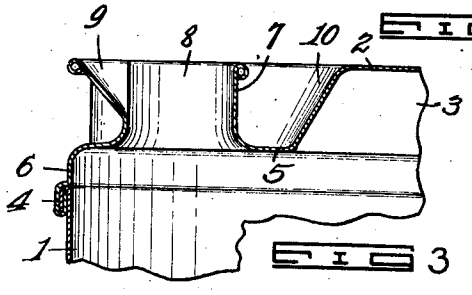


FIG 3

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SHEET METAL CONTAINER AND HEAD THEREFOR

Application filed October 27, 1930. Serial No. 491,358. REISSUED

This invention relates broadly to sheet metal containers, and more particularly to a drum or can of the character employed as containers for oils and other fluids and having a spout through which the fluid contents are introduced and removed.

The primary object of the invention is to provide a container or can of drum form embodying a head having a pouring spout formed thereon and so located that drip therefrom following pouring of contents cannot overrun any material portion of the surface of said head, thus obviating a serious objection to common forms of containers of this type.

A further object is to provide a container head of the character mentioned wherein the pouring spout occupies a sunken position relative to the general plane of the head and is located closely adjacent to the circumferential edge portion of said head, thereby to permit free drainage from the head of such of the fluid contents as may drip from said spout during and following pouring.

In describing the invention in detail, reference is herein had to the accompanying drawing, in which—

Figure 1 is a top plan view of a container embodying my invention;

Figure 2 is a side elevation of the same; and

Figure 3 is an enlarged detail section on line 3—3, Fig. 1.

Referring to said drawing, 1 designates the body of a sheet metal drum, can or pail, and 2 the head end thereof, the latter being of die-pressed or drawn form and having an annular depending flange 3 permanently attached to the end of said body, as by an annular seam 4.

Formed in said head 2 adjacent to its outer edge is a relatively depressed, or sunken, area 5, herein shown as having an approximately circular contour as viewed from above, or in top plan, which at one side opens outwardly through said outer edge and which, consequently, materially reduces the length of the flange 3 at said edge, as shown at 6. Provided on said sunken area 5, preferably in a substantially central location, is an upright neck 7 defining an opening 8 through which the contents of the container may be removed by pouring. Said neck, constituting a pouring spout, has at its outer side a suitably flared lip 9 whereby the direction of flow in pouring may be more or less controlled and which projects to or adjacent to, but not beyond, the peripheral line, projected, of the underlying portion 6 of the flange 3.

The sunken area 5, which, together with the spout 7, is preferably formed by a metal drawing process well understood in the art, encircles said spout, as shown, and is defined by an inclined wall 10.

The pouring spout 7, which is preferably integral with the head 2, has its upper, or terminal, edge located on a level in or below the general plane of the surface of said head, thereby to avoid all interference from said spout in stacking containers in the usual way.

As is manifest, any fluid which may overflow or drip from the spout will readily drain to the sunken area 5 which, in effect, constitutes a spout encircling channel that opens outwardly over the edge of the head for draining off such overflow.

What is claimed is—

1. A container of the character described comprising a head having therein adjacent to and opening outward through its peripheral edge portion a sunken area, an upright pouring spout located within said area adjacent to said edge portion, the spout encircling portion of said area constituting a drainage channel for receiving and conducting away from said head overflow from said spout, and means below the plane of the bottom of said spout for securing the head to the container.

2. A container of the character described comprising a rimless head having therein a sunken area which at one side opens outwardly through an edge portion of said head, said area having therein a pouring opening, the opening-encircling portion of said area constituting a channel for receiving and for draining from said head overflow or drippings from said opening, and means below the plane of the bottom of said spout for securing the head to the container.

3. A sheet metal container of the character described comprising a body, a head having a downwardly directed annular flange attached to the upper end of said body, said head having therein adjacent to and opening outward through its peripheral edge a relatively depressed area, and a pouring opening located within said area, the opening encircling portion of said area constituting a drainage channel for receiving and conducting away from said head overflow and drippings from said opening.

4. A sheet metal container of the character described comprising a body, a head having a downwardly directed annular flange attached to the upper end of said body, said head having therein adjacent to and opening outward through its peripheral edge a relatively depressed area, and a pouring spout of less height than the depth of said opening located within said area and adjacent said edge.

In testimony whereof, I affix my signature.

CHARLES H. ROLLASON.