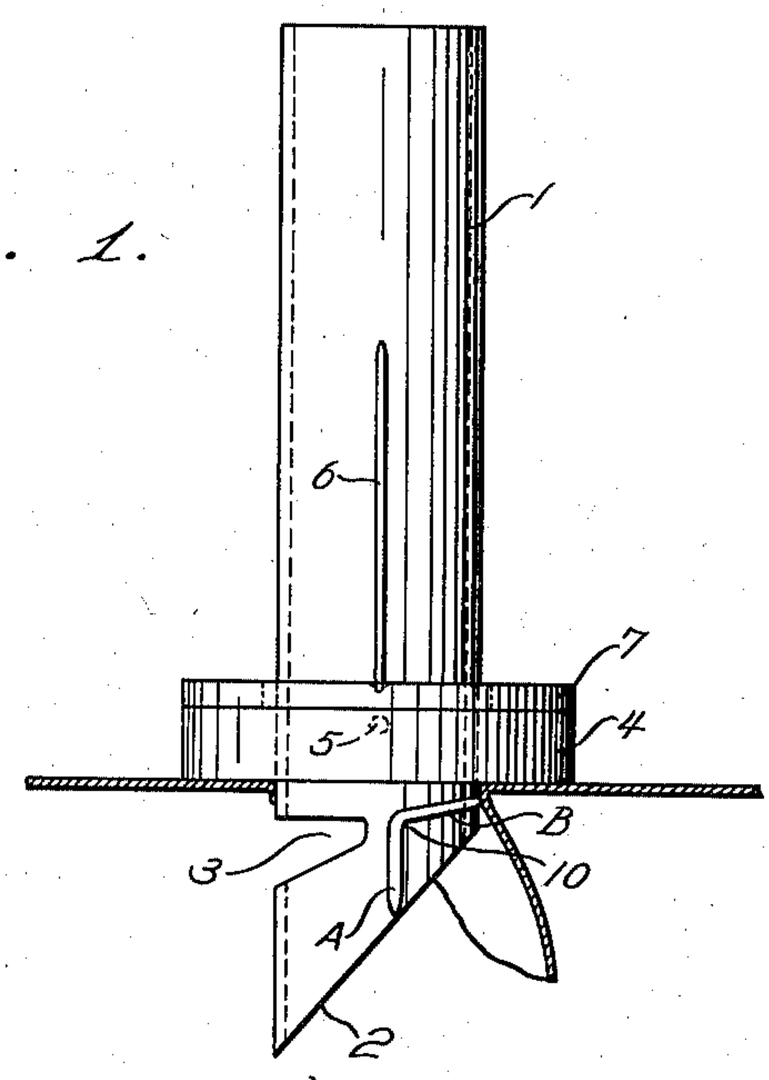
Aug. 2, 1938. J. B. PEDDICORD 2,125,805

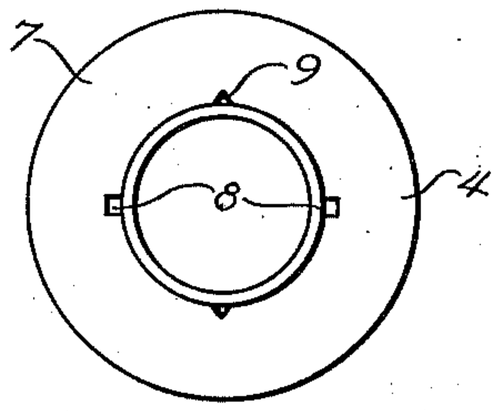
SPOUT FOR SEALED METAL CONTAINERS

Filed Nov. 17, 1937

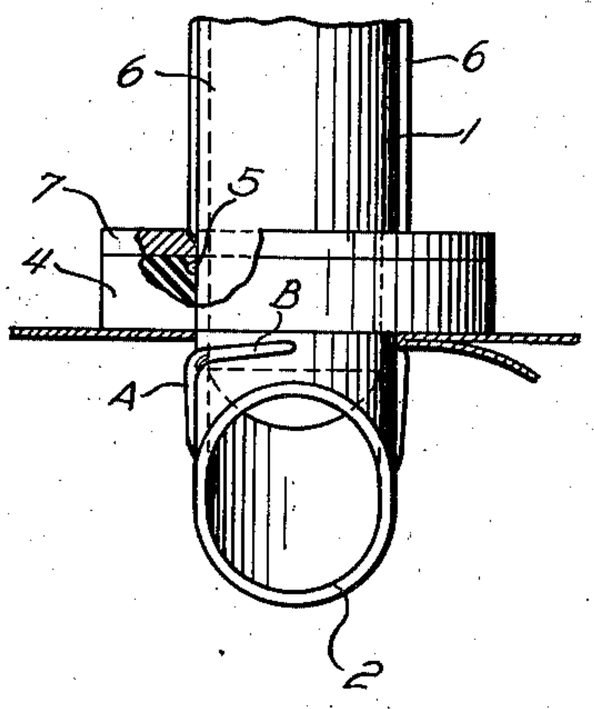
Figs. 1.



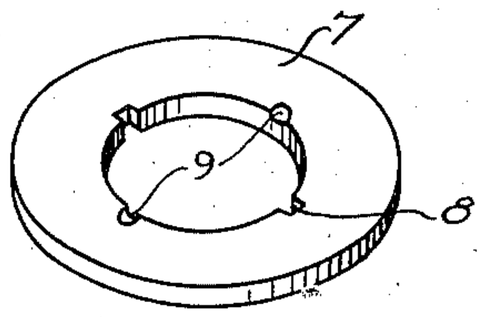
Figs. 2.



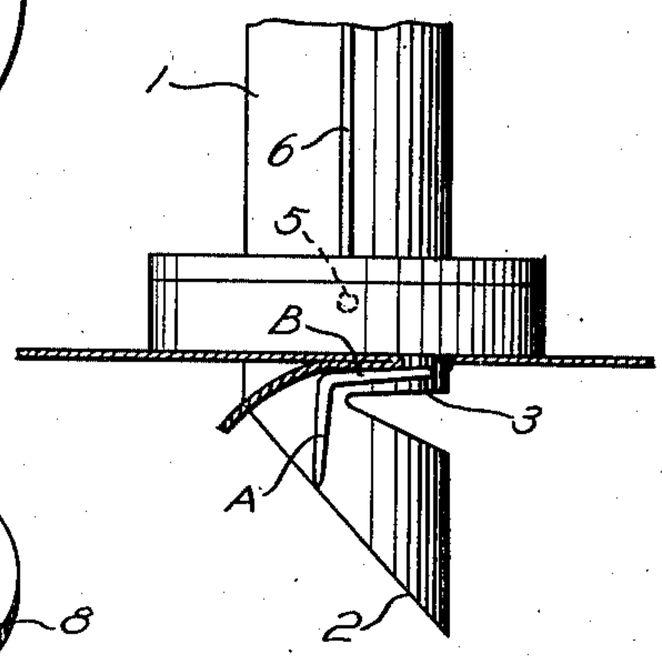
Figs. 3.



Figs. 5.



Figs. 4.



Jasper B. Peddicord

INVENTOR

BY Victor J. Evans & Co.

ATTORNEYS

Patented Aug. 2, 1938 2,125,805

UNITED STATES PATENT OFFICE

2,125,805

SPOUT FOR SEALED METAL CONTAINERS

Jasper B. Peddicord, St. Bernard, La.

Application November 17, 1937, Serial No. 175,114

3 Claims. (Cl. 221—23)

This invention relates to spouts for sealed metallic containers and has for the primary object the provision of an efficient and economical device of this character which provides a medium for the penetration of the container and may be readily secured and sealed to the latter so that the contents of the container may be readily dispensed by being poured through the device to prevent spilling or waste and which may be easily removed from the container when desired and due to its compactness may be conveniently stored.

With these and other objects in view, this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawing, in which

Figure 1 is a side elevation, partly in section, illustrating a spout for sealed metallic containers showing the same applied to a container wherein the latter is only partially shown.

Figure 2 is an end view illustrating the device.

Figure 3 is a fragmentary side elevation, partly in section, showing the penetrating end of the device.

Figure 4 is a fragmentary side elevation showing means of bringing about securing and sealing of the device on a container.

Figure 5 is a perspective view illustrating a retaining washer.

Referring in detail to the drawing, the numeral 1 indicates a tube of a desired length which has one end obliquely cut as shown in Figure 1 to form a penetrating portion 2. The tube 1 slightly above the penetrating portion has a slot 3 to facilitate the passing of liquid from the container through the tube. A cushion disc 4 is mounted on the tube 1 and spaced a selected distance from the penetrating portion 2. The cushion disc may be pinned or otherwise secured on the tube, as shown at 5. Opposite sides of the tube 1 have formed thereon ribs 6 to facilitate the gripping of the tube and also to act as means for retaining on the tube and against the cushion element 4 a retaining washer 7. The washer 7 has oppositely arranged grooves 8 through which the ribs 6 may slide freely on the placing and removal of the retaining washer from the tube. When the washer 7 has been brought in engagement with the cushion element 4 it may be turned on the tube to bring the ribs to overlie said washer. Notches 9 are provided in the washer in which the ends of the ribs may enter when the washer is locked in position on the tube by the ribs.

The penetrating portion 2 of the tube 1 and at opposite sides is provided with locking ribs 10 each including angularly disposed portions A and B. The end of the portion A is pointed and the portion B has an inclination to the portion A so that when brought in engagement with a penetrated wall of a container it will tend to draw the cushion element tightly against the penetrated wall and thereby seal the tube on the container.

In use, the penetrating portion 2 is forced through the wall of a container until the cushion element engages said wall. The tube is then rotated, the portions B of the ribs moving into engagement with the penetrated wall with a camming action drawing the cushion element tightly against the penetrated wall. The tube thus applied to the container in a manner described is positioned at right angles to the penetrated wall with the slot 3 positioned well within the container so that the contents of the container can be poured therefrom by way of the tube.

What is claimed is:

1. A spout for sealed metallic containers comprising a tube having one end obliquely cut to form a penetrating portion and slotted adjacent said penetrating portion, a cushion disc mounted on the tube adjacent the slot, a sustaining washer mounted on said tube against the cushion disc and having oppositely arranged grooves, ribs formed on said tube to overlie the sustaining washer and retain the same tightly against the cushion disc and may enter said grooves to permit removal and replacement of the sustaining washer on the tube, and means carried by the tube adjacent the penetrating portion to have a camming action on a wall of the container penetrated by the penetrating portion when the tube is rotated relative to the container.

2. A spout for sealed metallic containers comprising a tube having one end obliquely cut to form a penetrating portion and slotted adjacent said penetrating portion, a cushion disc mounted on the tube adjacent the slot, a sustaining washer mounted on said tube against the cushion disc and having oppositely arranged grooves, ribs formed on said tube to overlie the sustaining washer and retain the same tightly against the cushion disc and may enter said grooves to permit removal and replacement of the sustaining washer on the tube, ribs formed on opposite sides of the tube adjacent the penetrating portion and

each including angularly disposed portions, one portion paralleling the longitudinal axis of the tube and the other portion extending angularly to the longitudinal axis of the tube and adapted to have a camming action on the wall of the container penetrated by the penetrating portion to draw the cushion disc tightly against the penetrated wall during rotation of the tube relative to the container.

3. A spout for sealed metallic containers comprising a tube having one end obliquely cut to form a penetrating portion and slotted adjacent said penetrating portion, a cushion disc mounted on the tube adjacent the slot, a sustaining washer mounted on said tube against the cushion disc and having oppositely arranged grooves, ribs formed on said tube to overlie the sustaining washer and retain the same tightly against the cushion disc and may enter said grooves to permit removal and replacement of the sustaining washer on the tube, ribs formed on opposite sides of the tube adjacent the penetrating portion and each including angularly disposed portions, one portion paralleling the longitudinal axis of the tube and the other portion extending angularly to the longitudinal axis of the tube and adapted to have a camming action on the wall of the container penetrated by the penetrating portion to draw the cushion disc tightly against the penetrated wall during rotation of the tube relative to the container, said tube having said slot between the penetrating portion thereof and the cushion disc.

JASPER B. PEDDICORD.