Dec. 24, 1940. H. G. GILLESPIE 2,226,105

ADJUSTABLE DELIVERY CONTAINER

Filed Feb. 12, 1940

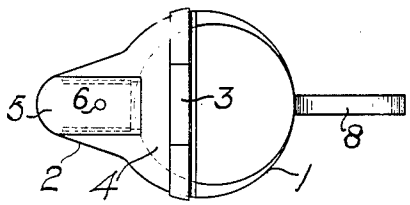


Fig. 1

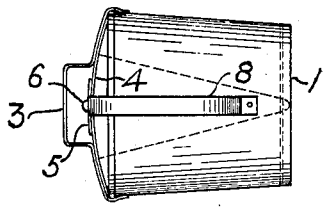


Fig. 2

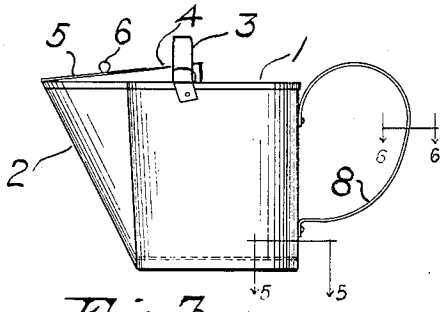


Fig. 3

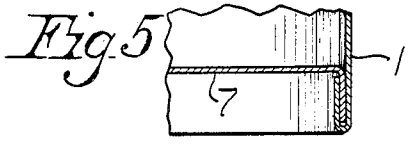


Fig. 5

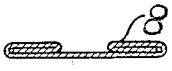


Fig. 6

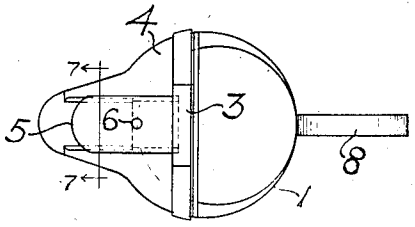


Fig. 4

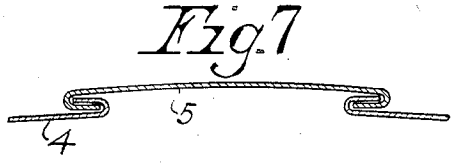


Fig. 7

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ADJUSTABLE DELIVERY CONTAINER

Harry G. Gillespie, Mason, Mich.

Application February 12, 1940, Serial No. 318,657

1 Claim. (Cl. 221—21)

This invention relates to adjustable delivery containers, or more particularly it belongs to chip or sand spreading cans for carrying chips or sand from trucks and applying the same on a pavement under construction or repairs behind a pouring pot and upon cracks or worn places in a cementitious road surface. It is especially designed and effective for pouring a continuous stream into a crack, and when applied upon a patch or on spalled places it gives by shaking slightly a very even and smooth spread. This invention answers not only the carrying container for the essential materials, but also will distribute the chips in one operation, and due to the special construction constituting this invention and illustrated and described in this application, will put the chips where wanted and eliminate the waste unavoidable and usual with hand operation or other methods.

This invention has a wide, sloping spout which enables the user to keep a supply of chips at the discharge mouth at all times. It has a slide controlled opening which is so constructed and aranged that it regulates the amount of material desired to be applied to the road or pavement surface. It has an enlarged handle so balanced that it will slide through the hand and keep a constant supply of chips or sand at the pouring mouth. It has a raised bottom to protect the container from wear when roughly placed or moved on the pavement. Other convenient and advantageous uses are found by workers for this invention in like occupations, and the special construction of this invention is illustrated in the accompanying drawing of which

Fig. 1 represents a top plan view of the invention.

Fig. 2 shows the container resting on one side and illustrates the raised hand grip of the top handle and the position of the side handle.

Fig. 3 is a side view of this invention showing all parts assembled.

Fig. 4 is a top plan view similar to Fig. 1 showing the adjustable slide in a changed position.

Fig. 5 is a fragmentary sectional view of a portion of the raised bottom of the body of the invention, on line 5—5 of Fig. 3.

Fig. 6 is a sectional view taken on line 6—6 of Fig. 3 to illustrate the stiffening construction of the larger handle at the side of the container.

Fig. 7 is an enlarged fragmentary sectional view of the adjustable slide and the turned guiding edges of the body wherein the slide is movable as desired to regulate the pouring mouth. The section is on line 7—7 of Fig. 4.

Throughout the drawing and description the same number is used to refer to the same part.

Considering the drawing, the body portion 1 of the container has the inclined spout 2 extending upwardly and outwardly from the bottom of the body and widening as it connects with the body. The spout and body may be integrally made. A transverse upper handle is attached to the body and is constructed with a raised middle hand grip 3. The spout has a top covering portion 4 that extends partly over the open mouth of the container body 1, and from the outermost edge of the spout the covering portion 4 has an opening provided with turned guiding edges as best illustrated in Fig. 7. In the guiding turned edges the slide plate 5 is movable by hand to any desired position, by means of the knob 6.

In Fig. 5 the bottom 7 is shown raised above the lower edge of the body of the container. Unavoidable rough usage renders this construction necessary as a protection for the body 1, which is usually of sheet metal.

Particular attention respecting this invention is called to the vertical handle 8 attached at its ends exteriorly to the body 1, and curving upwardly, outwardly and downwardly on the side of the body opposite the spout. The curving vertical handle 8 encloses a relatively large space and is intentionally so formed in order to permit the container to be held by one hand or both hands in any position necessary.

The operation of this invention, as explained at the beginning of this specification, is to regulate the amount of the discharge from the spout, and to apply the material effectively and without waste to the crack or spalled surface where it is needed.

Having now described my invention, I claim:

An adjustable delivery container comprising a body portion, a spout beginning at the bottom of the container and extending upwardly and outwardly therefrom with increasing extent, the said spout having a cover portion at the top passing partly over the top of the mouth of the container, the said cover portion having an opening extending from the outermost edge of the spout, the said opening being provided with a slide and guiding edges whereby the discharging opening of the spout is adjusted, the said body having a handle at the top and a second handle vertically arranged at the side of the body opposite the spout.

HARRY G. GILLESPIE.