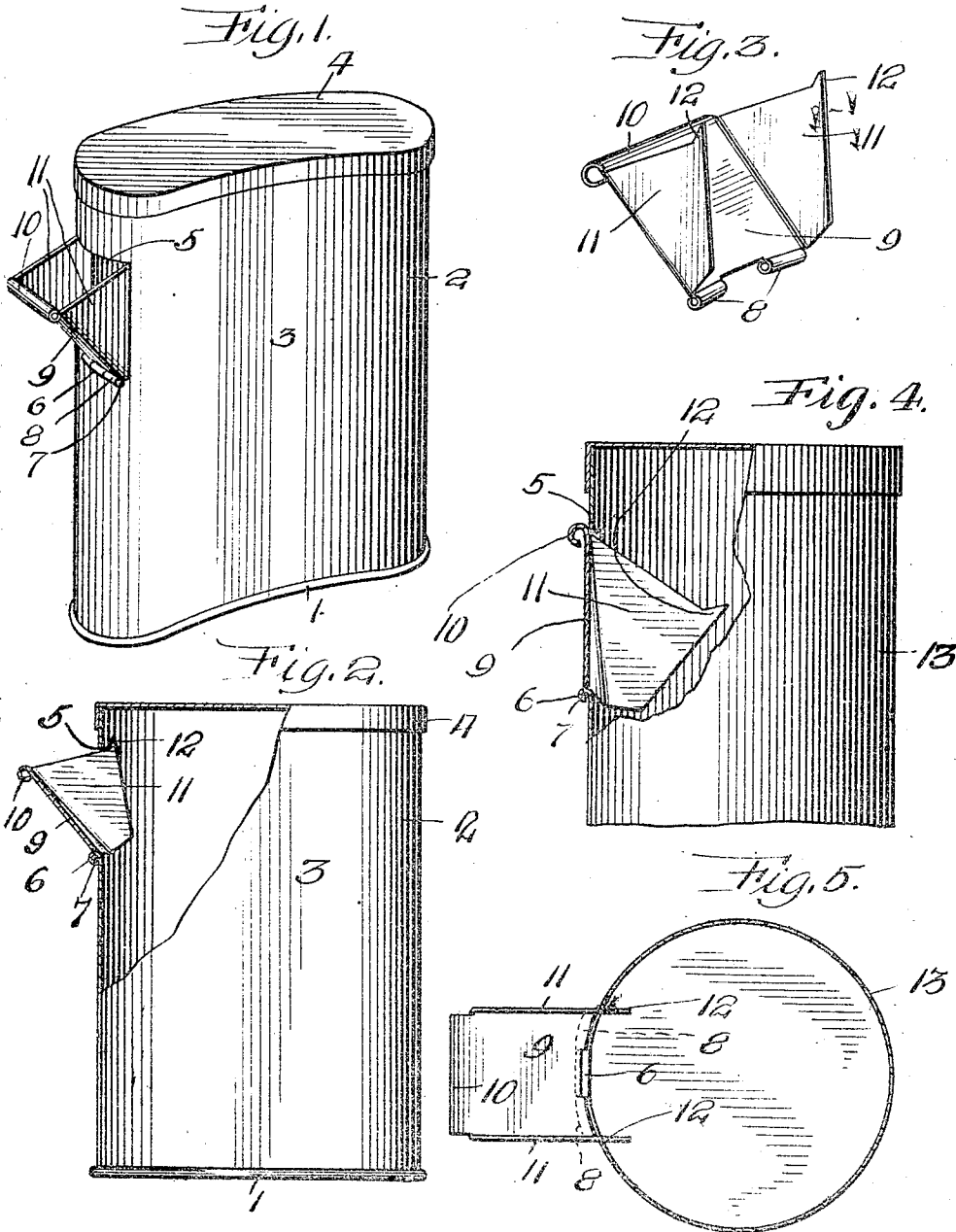


R. R. RINGER.
DISPENSING BOX.
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1,018,269.

Patented Feb. 20, 1912.



WITNESSES

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ROY R. RINGER, OF PITTSBURGH, PENNSYLVANIA

DISPENSING-BOX.

1,018,269.

Specification of Letters Patent.

Patented Feb. 20, 1912.

Application filed October 27, 1911. Serial No. 657,110.

To all whom it may concern:

Be it known that I, ROY R. RINGER, a citizen of the United States of America, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Dispensing-Boxes, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to dispensing boxes, cans and other receptacles, and the primary object of my invention is the provision of positive and reliable means, in a manner as will be hereinafter set forth, for dispensing or discharging small quantities of dry substances as smoking tobacco, toilet powder, coffee, salt and granular material without loss of the substances or material, as experienced with most receptacles heretofore.

A further object of this invention is to provide an outlet spout that can be advantageously used in connection with tobacco receptacles, whereby the user can discharge from the receptacle sufficient tobacco for use in making a cigarette, or for filling pipe bowls, thereby preventing tobacco from being spilled by a too large quantity flowing from the box.

A further object of this invention is to provide a can with a discharge spout that obviates the necessity of removing the lid of the can in order to obtain the contents thereof, the discharge spout being arranged whereby a receptacle, as a tobacco can, can be sealed in the ordinary and well known manner.

A still further object of this invention is to provide a receptacle with a one-piece discharge spout that can be opened to regulate the flow of granular matter from a receptacle, thereby saving considerable time and economizing in the use of the contents of the receptacle.

A still further object of this invention is to accomplish the above results by a mechanical construction that is simple, durable, inexpensive to manufacture and highly efficient for the purposes for which it is intended.

With the above and other objects in view the invention resides in the novel construction, combination and arrangement of parts to be hereinafter specifically described and then claimed.

Reference will now be had to the drawing wherein there is illustrated a preferred em-

bodiment of the invention, but it is to be understood that the structural elements are susceptible of such variations as fall within the scope of the appended claim.

In the drawing:—Figure 1 is a perspective view of a tobacco box in accordance with this invention. Fig. 2 is a side elevation of the same, partly broken away and partly in section. Fig. 3 is a perspective view of a detached discharge spout. Fig. 4 is a side elevation of a portion of a coffee can, partly broken away and partly in section, and Fig. 5 is a horizontal sectional view of the same.

In Figs. 1 and 2 there is illustrated a tobacco box, comprising a bottom 1 arcuate in plan and provided with vertically extending side walls 2 concave upon one side, as at 3 to conform to the arcuate bottom so that the receptacle can be conveniently carried in the pocket, conforming to the contour of the body. Mounted upon the upper edges of the side walls 2 is a detachable lid 4. The receptacle just described is of the ordinary and well known type used by various tobacco manufacturers, and my invention does not reside in the construction of the box so far described. The end wall of the box has a rectangular dispensing opening 5 with the material bordering upon the lower edge of the opening bent to provide an outwardly extending single barrel 6. Pivotaly connected to the barrel 6 by a pin 7 are the barrels 8 of a discharge spout 9. The discharge spout 9 is made of a single piece of material, as tin, similar to the box or can. The lower edge of the spout is curved to conform to the curvature of the end wall of the box or can, and the upper edge of the spout is reamed, as at 10 to obviate a sharp edge, also to provide a finger piece that permits of the spout being easily opened. The discharge spout has vertical and substantially triangular shaped side walls 11 with the inner upper edges thereof provided with stop lugs 12 adapted to engage the inner upper edge of the opening 5 and limit the opening movement of the spout.

After the spout has been pivotaly connected or hinged to the end wall of the can or box, at the lower edge of the opening 5, the material bordering upon the vertical edges of the opening 5 is pressed inwardly to frictionally engage the outer sides of the walls 11 of the spout, whereby the spout

will be frictionally held in adjusted position. For instance, the spout can be partially opened to present a small discharge opening when a small quantity of the contents of the box or can is desired, or said
 5 spout can be completely opened to allow the contents of the can or box to freely flow from the same.

The opening 5 is located adjacent to the
 10 upper end of the box and in the end wall thereof, whereby the entire contents of the box or can can be obtained. Furthermore, the same Government stamp or seal used in connection with the lid 4 can have a portion
 15 thereof or one end extending on to the discharge spout, whereby the spout cannot be opened without the stamp or seal being broken.

The invention is not limited to a tobacco
 20 receptacle, as it can be embodied in a cylindrical receptacle 13 employed for holding granular or powdered matter. Should the receptacle be lined the lining can be provided with an opening registering with the
 25 opening 5. While the discharge spout is made of light and durable metal, the receptacle in connection with which it is used can be made of other material than metal.

What I claim is:—

30 A dispensing box comprising an oval-

shaped body portion having a removable lid, a closed bottom and further having a dispensing opening in the upper portion of one of its sides, a spout comprising a front
 35 conforming in contour to the shape of a side of said body and having its lower end hinged at the lower edge of said opening and its upper end bent outwardly to provide a finger piece, said spout further in-
 40 cluding a pair of triangular-shaped side walls carried by and projecting inwardly from the sides of said front, and projections carried by the upper inner corners of said walls and capable of engaging the material
 45 bordering upon the upper edge of said opening for limiting the opening movement of said discharge spout, said body having the material bordering upon the vertical edges
 50 of the opening pressed inwardly to frictionally engage said side walls whereby said spout can be maintained in an adjusted position to regulate the discharge of the contents of the box.

In testimony whereof I affix my signature in the presence of two witnesses.

ROY R. RINGER.

Witnesses:

KARL H. BUTLER,
 MAX H. SROLOVITZ.