P. R. WOLFE.

POWDER DISTRIBUTING DEVICE.

APPLICATION FILED OCT. 9, 1918.

1,323,346. Patented Dec. 2, 1919.

Fig. 1.

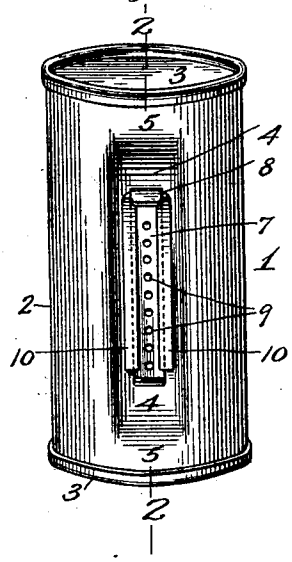


Fig. 2.

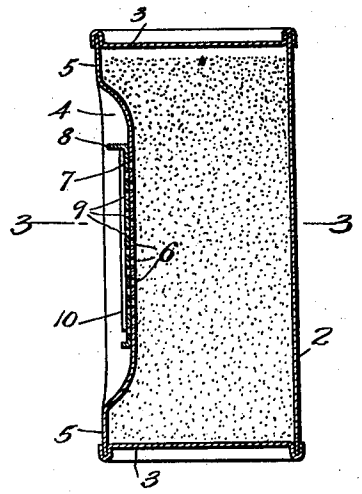
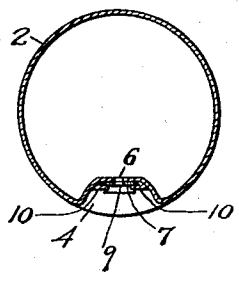


Fig. 3.



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UNITED STATES PATENT OFFICE.

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POWDER-DISTRIBUTING DEVICE.

1,323,346. Specification of Letters Patent. Patented Dec. 2, 1919.

Application filed October 9, 1918. Serial No. 257,433.

To all whom it may concern:

Be it known that I, PATRICK R. WOLFE, a citizen of the United States, residing at 1129 Tinton avenue, county of Bronx, and State of New York, have invented certain new and useful Improvements in Powder-Distributing Devices, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

This invention relates to certain improvements in receptacles or containers for powdered material, the especial object of the invention being to provide a container for holding and distributing an abrasive to a razor strop, the container being so formed as to permit the ready application of the abrasive and to permit an effective application to the strop of the abrasive as it is supplied.

A further object of the invention is to provide a container which shall be cheap in manufacture, and which shall be of such size as to be conveniently manipulated.

With these and other objects not specifically referred to in view, the invention consists in certain novel constructions which will be described in connection with the accompanying drawings, in which—

Figure 1 is a perspective view of the container;

Fig. 2 is a vertical cross section, the section being taken on line 2—2 of Fig. 1; and

Fig. 3 is a horizontal cross section, the section being taken on line 3—3 of Fig. 2.

Referring now to these drawings, the container or receptacle will be made of any suitable cheap material, such as thin tin, and will preferably be cylindrical in shape and of a length somewhat wider than the ordinary razor strop, that is to say, approximately about three and one-half inches.

This container is indicated generally by the numeral 1, and is formed with cylindrical side walls 2 and ends 3, the ends being secured in any suitable manner, as by being bent or turned over the side wall 2.

This container is provided with devices whereby the powdered material which it is desired to distribute may be easily and thoroughly distributed over the surface to which it is to be applied, as for instance, applying an abrasive material to a razor strop.

While these distributing devices may be somewhat varied, the abrasive will preferably be delivered from the long side of the container, and the abrasive distributing devices will be such as to permit a free distribution of the abrasive over the surface of the strop and there will be provided means for controlling the abrasive distribution. This may be effected in various ways. In the best form, the container will be provided with a depression 4 formed in the side wall, this depression extending longitudinally of the container. This depression may be formed by bending or punching in the side wall of the receptacle between the ends, as illustrated in Fig. 2, the wall being left straight, as indicated at 5, at each end of the recess. This recess is provided between its ends with distributing orifices 6, the extent of the range of the orifices being less than the width of the ordinary strop, so that as the receptacle is used to apply powder to the strop, danger of spilling and consequent waste of the powder over the edges of the strop is avoided.

The container will be provided with means for controlling the distribution of powder through the orifices. While these means vary, in the best constructions there will be provided a slide 7 having a projection 8 by which the slide may be manipulated, this slide being provided with distributing orifices 9 which, by manipulating the slide, may be brought into register with the orifices 6 in the container wall before referred to. If desired, guides 10 secured to the wall in the recess may be provided for stopping the slide in proper position when moved to closing or non-distributing position.

In operating the container, the slide 7 is moved to cause the orifices 9 to register with the orifices 6, and the container is then turned on its side with the depression 4 toward the razor strop or other surface to which powder is to be applied. The container is then moved back and forth which causes a sprinkling of the abrasive or other powder on the strop surface, and the smooth sides of the container at each side of the recess distribute the powder evenly over the strop without waste.

With the construction described, a container has been provided in which there is a free flow of powder from the perforations and provision of the recesses in the side permit an even and quick distribution of the powder over the strop surface. Furthermore, the depression forms a convenient lo-

cation for the slide or other means which may be employed for opening and closing the distributing orifices. Furthermore, the powder is distributed over the strop surface as it is supplied through the distributing orifices.

While the construction is shown in the preferred form, it will be understood that various changes may be made in the particular construction illustrated, as to configuration and size of the slot and the controlling means for distribution of the powder without departing from the invention.

What is claimed is:

1. A powder distributing container, comprising an oblong receptacle having a recess formed in a long side and between the ends, with powder orifices located in the recess below the top of its walls, the edges of said recess acting as rubbing or distributing surfaces, and manually operated means for controlling the passage of powder through the orifices.

2. A powder distributing device comprising a cylindrical container having a recess formed in a long side between its ends, said recess being provided between its ends with powder orifices below the top of its walls, the edges of said recess acting as rubbing or distributing surfaces, and a slide for controlling the passage of powder through the orifices in the recess.

3. A powder distributing device, comprising a container having a side wall bent in to form a depression having smooth edges, said depression being provided with powder distributing orifices between its ends, and means for controlling the passage of powder through the orifices.

4. A powder distributing device, comprising a container having a side wall bent in to form a depression having smooth edges, said depression being provided with powder distributing orifices between its ends, and a manually operable slide for controlling the passage of powder through the orifices.

5. A powder distributing container, comprising a cylindrical receptacle having its side wall bent inwardly to form a depression having smooth edges, powder distributing orifices formed in the depression between the ends thereof, and a manually operable slide for opening and closing the powder orifices in depression.

In testimony whereof, I have hereunto set my hand.

PATRICK R. WOLFE.