J. J. GANNON.

CARTON.

APPLICATION FILED OCT. 18, 1920.

1,415,543. Patented May 9, 1922.

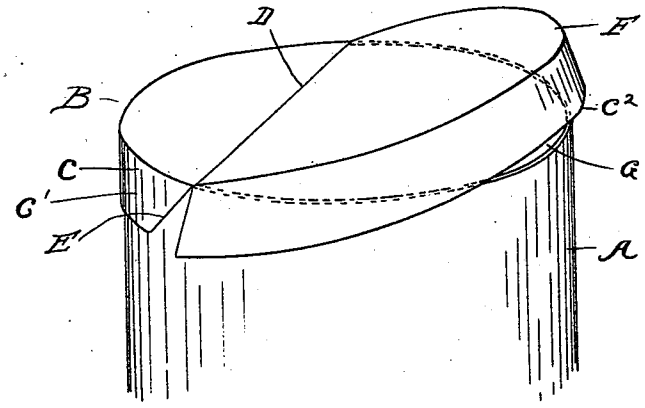


Fig. 1.

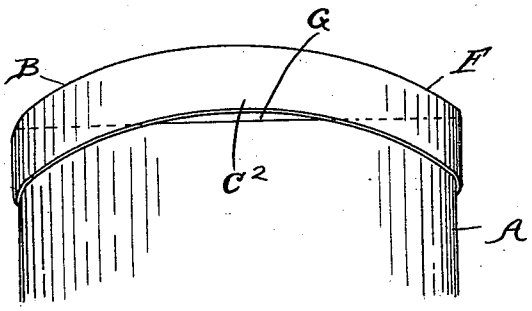


Fig. 2.

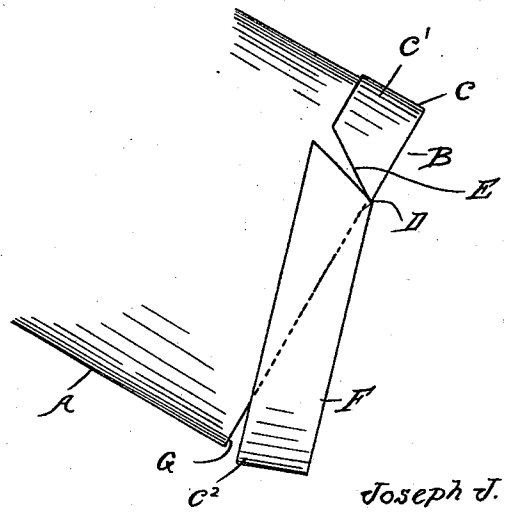


Fig. 3.

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UNITED STATES PATENT OFFICE.

JOSEPH J. GANNON, OF ST. CLAIR, MICHIGAN, ASSIGNOR TO DIAMOND CRYSTAL SALT COMPANY, OF ST. CLAIR, MICHIGAN, A CORPORATION OF MICHIGAN.

CARTON.

1,415,543. Specification of Letters Patent. Patented May 9, 1922.

Application filed October 18, 1920. Serial No. 417,597.

To all whom it may concern:

Be it known that I, JOSEPH J. GANNON, a citizen of the United States of America, residing at St. Clair, in the county of St. Clair and State of Michigan, have invented certain new and useful Improvements in Cartons, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention relates to containers or cartons more particularly designed for the holding of table salt and the invention consists in the peculiar construction of the lid or cover and the manner of securing the same on the container or carton, as hereinafter set forth.

In the drawings:

Figure 1 is a perspective view of a portion of the container of my improved construction;

Figure 2 is a side elevation; and

Figure 3 is an elevation illustrating the manner of pouring the contents from the container.

A is the body of the container, preferably of cylindrical form and preferably formed of paper or fiber stock. B is a lid or cover which is formed with a depending flange C for telescopically engaging the end of the body. To permit of discharging the contents of the box without the necessity of completely removing the cover, the latter is scored along a line D and the flanges C are severed in line with the score, as indicated at E. This divides the cover into two segments, one of which is permanently fixed to the body by gluing or otherwise securing the flange section C′ thereof, while the other segment F is free to hinge along the scored line D. Thus to discharge the contents the segment F is permitted to swing outward until an opening G is formed between the lower edge of the flange C^2 and the upper edge of the body. This opening, as shown in Figure 2, is in the form of a slit, the length of which can be varied by the degree to which the segment F is opened.

With the construction as described, pouring of the salt into a narrow-necked receptacle is greatly facilitated, for the width of the stream may be limited as desired by controlling the opening of the segment F. The construction therefore overcomes a defect in the ordinary carton where the cover is completely removed, for it is impossible to pour from such a full receptacle without spilling more or less of the material at the sides of the receptacle being filled.

When the container is used for shipment, the hinge section of the lid may be held from opening by any suitable sealing means.

Another important advantage of this construction is that it permits the insertion of the hand into the carton to remove the contents thereof with a spoon or cup. Thus the same carton may be used for the filling of narrow-necked containers or as a supply from which the contents may be removed in other ways.

What I claim as my invention is:

1. In a container or carton, the combination with a circular body, of a circular hinged lid or cover therefor, and a segmental flange on said cover for overlapping said body and limiting the width of the pouring opening.

2. In a container or carton, the combination with a circular body, of a circular lid or cover hinged thereto and provided with a depending segmental flange for overlapping the body from the line of the hinge, for the purpose described.

3. In a container or carton, the combination with a cylindrical body, of a lid or cap therefor provided with a depending flange for telescopically engaging the body, a segment of said lid being fixedly secured to said body and another segment being hinged thereto.

4. In a container or carton, the combination with a cylindrical body, of a lid or body therefor having a circular top and a depending cylindrical flange for telescopically engaging the body, said top being scored and said flange being severed in line with the scoring to divide the lid into two segments, one of said segments being fixedly secured to the body.

5. In a container or carton, the combination with a cylindrical body, of a lid or cap therefor having a circular top and a depending cylindrical flange for telescopically engaging the body, said top being scored to divide the same into segments, one of which is fixedly secured to the body and

said flange being severed at an angle to said body to permit of the hinging of the complementary segment.

6. In a container or carton, the combination with a cylindrical body, of a cap or cover therefor having a circular top and a depending cylindrical flange for telescopically engaging the body, said top being scored to divide the same into two angle segments, and the flange being severed at an angle to the line of said scoring and connecting therewith, the smaller segment having its flange fixedly secured to the body and the larger segment forming a hinged lid.

7. In a container or carton, the combination with a body, of a hinged lid or cover therefor, and a flange on said cover overlapping said body and adapted when swung outward to form a progressive opening enlarging in transverse directions.

In testimony whereof I affix my signature.

JOSEPH J. GANNON.