

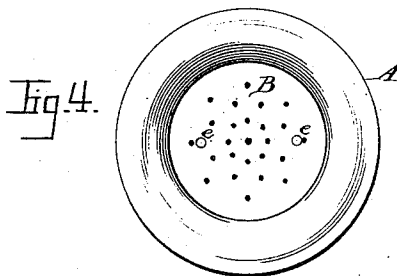
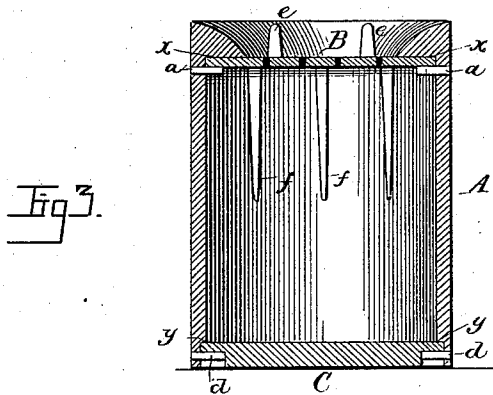
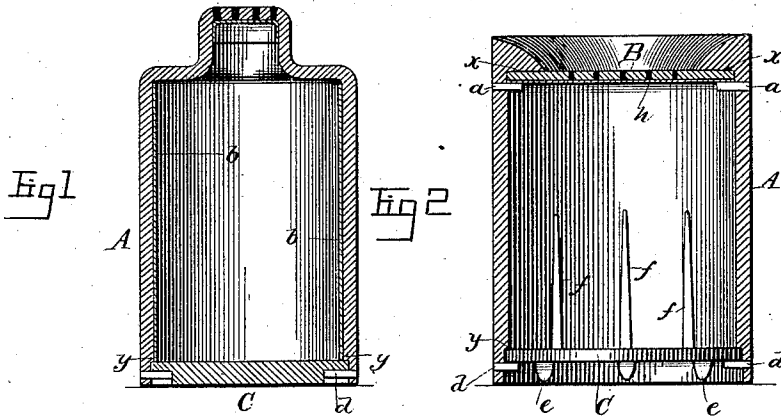
(No Model.)

D. A. McNAIR.

MANUFACTURE OF GLASS CRUETS.

No. 311,197.

Patented Jan. 27, 1885.



Witnesses:
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UNITED STATES PATENT OFFICE.

DAVID A. McNAIR, OF WARSAW, NEW YORK.

MANUFACTURE OF GLASS CRUETS.

SPECIFICATION forming part of Letters Patent No. 311,197, dated January 27, 1885.

Application filed May 2, 1884. (No model.)

To all whom it may concern:

Be it known that I, DAVID A. McNAIR, a citizen of the United States, residing at Warsaw, in the county of Wyoming and State of New York, have invented certain new and useful Improvements in the Manufacture of Glass Cruets, of which the following is a specification.

My invention relates to the construction of cruets or vessels of glass to be used when enlarged for packing materials for sale, and thus take the place of tin and other cans, and has for its object to make them in such manner as to permit the ready application of internal strips of paper, foil, or other material, plain or printed, embossed or otherwise ornamented in such manner as may be desirable.

In the drawings, Figure 1 is a sectional elevation of a glass vessel, showing my invention. Figs. 2 and 3 are sectional elevations showing modifications. Fig. 4 is a plan of Fig. 3.

Glass cruets and like vessels as ordinarily constructed have contracted necks, and are consequently not capable of being ornamented or utilized by the application of internal strips or sheets. To permit such ornamentation, vessels have been made tumbler-shaped, with wide mouths; but this necessitates the application of expensive metallic tops. I secure the desired end by forming the cruet or vessel with a top, either in one piece with the body portion A, as shown in Fig. 1, or, preferably, with an internal annular shoulder, *x*, against which a perforated top plate, B, is held by means of pins *a*, extending through openings in the body, as shown in Figs. 2 and 3, and with an open bottom of such width that the vessel can be readily cast or molded in the usual manner, while a strip, *b*, of paper, card-board, foil, or other material may be readily inserted and applied to the interior face of the body, so that any printed matter or ornamentation thereon is visible from the outside. The body is also formed with an internal shoulder, *y*, near the lower edge, against which bears the bottom piece, C, confined, like the top piece, by means of pins *d*, extending through openings in the body, and projects below the bottom.

By constructing the body with the shoulders *x y* and with an open bottom I am enabled to manufacture the vessel in the ordinary molds, the labels or strips can be easily

inserted and secured in place, while the vessel is effectually sealed by the inserted plates or pieces, the entire structure being so cheaply made that it can be advantageously used for advertising and like purposes for gratuitous distribution.

When the cruet is to be used for holding salt or other material that is liable to harden or cake, I provide either the top plate, B, as in Fig. 3, or the bottom plate, C, as in Fig. 2, with external lugs or projections, *e*, and with internal fingers, *f*, so that the plate may be readily turned from the outside, thus working the fingers *f* in the salt or other material and breaking it up. Where the vessel is sold with the contents, and it is desirable to prevent the premature escape of the latter, a sheet, *h*, of paper, tin-foil, or other suitable material is placed beneath the upper perforated portion of the vessel, which protects it from abrasion and breaking, but without interfering with the punching of holes therein by an instrument passed through end perforations of the vessel.

It will be apparent that the body may be cylindrical or polygonal, or of any desired shape.

I claim—

1. A cruet or vessel having a vitreous body with an opening at the lower end as large as the internal chamber of the body and with a shoulder, *y*, and bottom piece, C, confined by pins *d*, substantially as set forth.

2. A glass vessel open at both ends having internal shoulders, *x y*, and top and bottom pieces, B C, confined against said shoulders by pins, substantially as described.

3. The vessel having an internal shoulder, a plate in contact therewith, and with external lugs and internal fingers, substantially as and for the purpose set forth.

4. The vessel having an upper perforated portion open at the bottom and provided with a detachable piece, C, and having a sheet, *h*, confined beneath the upper perforated part, substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DAVID A. McNAIR.

Witnesses:

E. O. McNAIR,
F. C. DAVIE.