No. 890,048. PATENTED JUNE 9, 1908.

J. M. GROCE.

APPARATUS FOR HOLDING AND DISPENSING AIR TIGHT CANNED GOODS, &c.

APPLICATION FILED JULY 29, 1907.

2 SHEETS—SHEET 1.

Fig. 2.

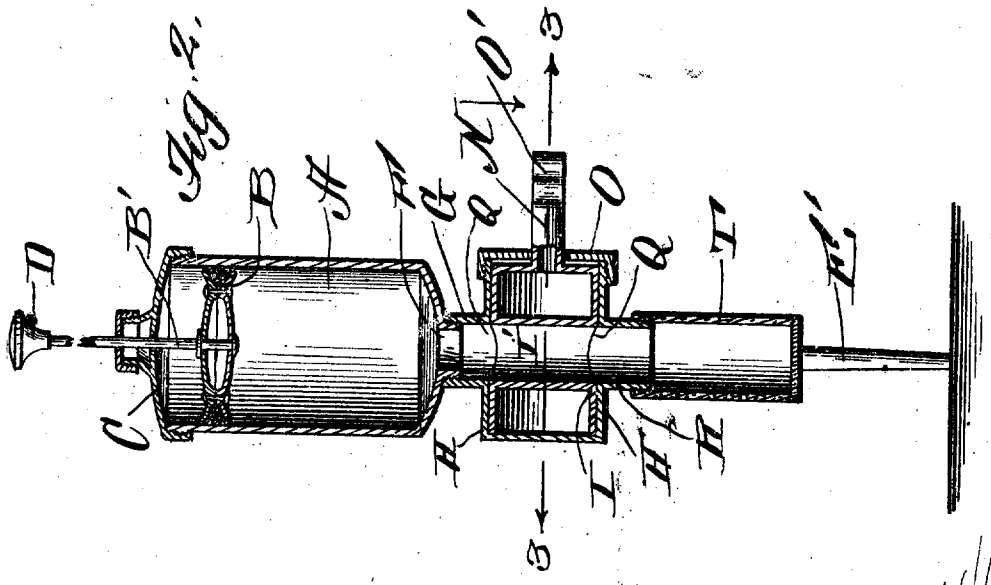
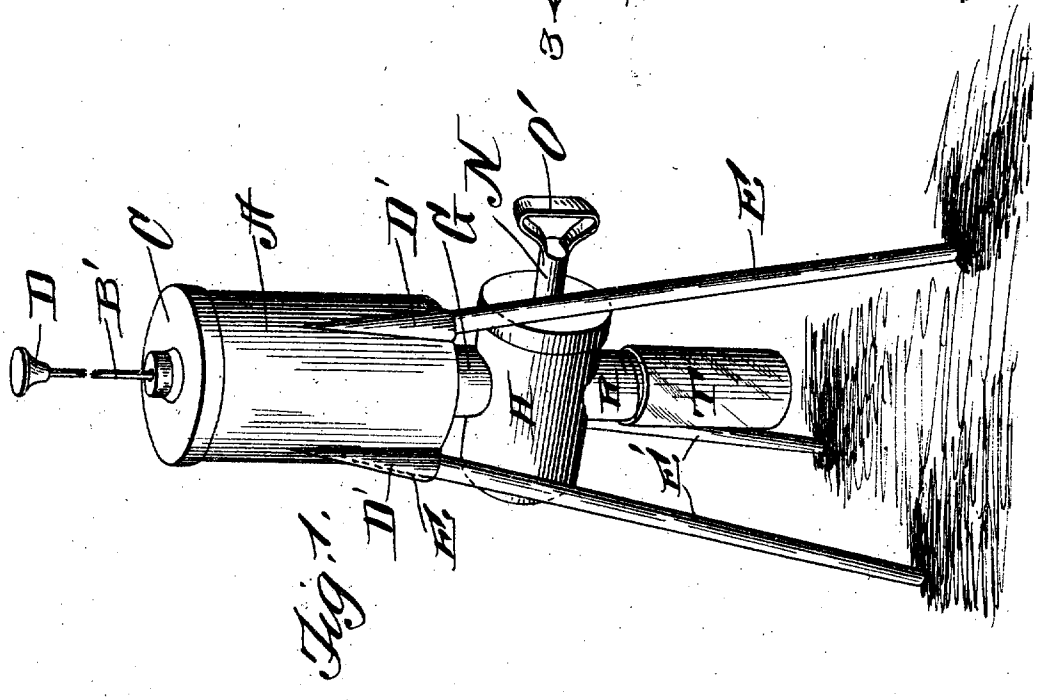



Fig. 1.




Witnesses

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2 SHEETS--SHEET 2.

Fig. 3.

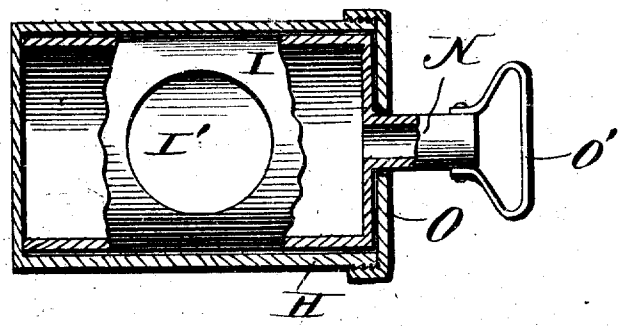



Fig. 4.

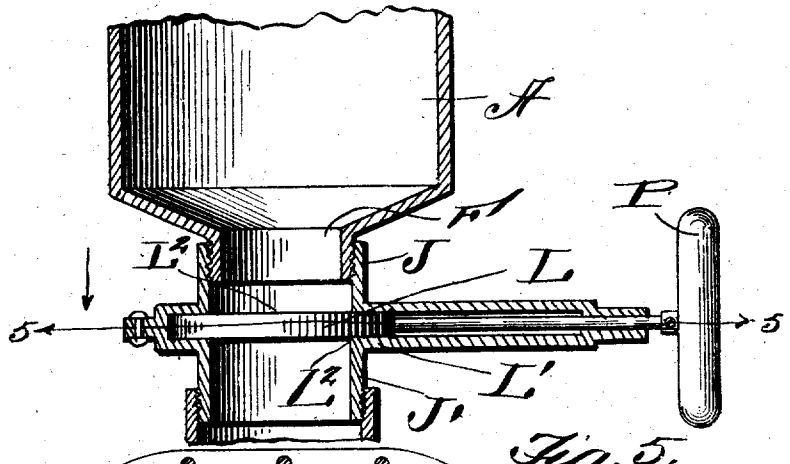
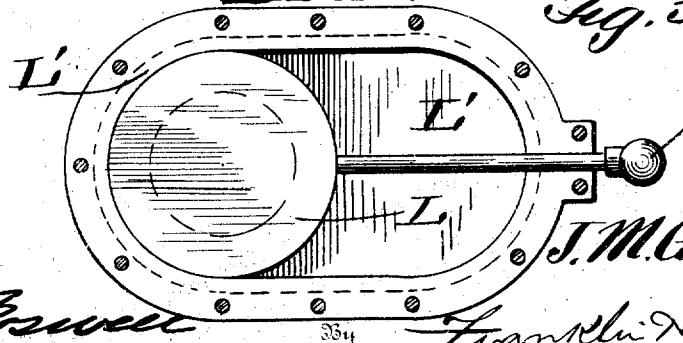



Fig. 5.




Witnesses

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# UNITED STATES PATENT OFFICE.

JACOB M. GROCE, OF PARKERSBURG, WEST VIRGINIA.

## APPARATUS FOR HOLDING AND DISPENSING AIR-TIGHT CANNED GOODS, &c.

No. 890,048. Specification of Letters Patent. Patented June 9, 1908.

Application filed July 29, 1907. Serial No. 386,033.

*To all whom it may concern:*

Be it known that I, JACOB M. GROCE, a citizen of the United States, residing at Parkersburg, in the county of Wood and State of West Virginia, have invented certain new and useful Improvements in Apparatus for Holding and Dispensing Air-Tight Canned Goods, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon which form a part of this specification.

This invention relates to new and useful improvements in apparatus for storing and dispensing canned goods, and the object in view is to provide a means whereby any form of canned fruits, vegetables or meats may be held within an airtight receptacle and a supply thereof withdrawn from the receptacle as may be desired and, at the same time, prevent the remaining contents within the receptacle from being exposed to air.

The invention comprises various details of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a perspective view of the apparatus. Fig. 2 is a vertical central sectional view through my improved apparatus, showing a cup or can having threaded connection with the lower portion of the valve chamber. Fig. 3 is a detailed sectional view through the valve chamber and valve therein, and Fig. 4 is a sectional view vertically through the apparatus, showing the modified form of cut-off valve which may be substituted for the form shown in Fig. 1 of the drawings. Fig. 5 is a section on line 5—5 of Fig. 4.

Reference now being had to the details of the drawings by letter, A designates a receptacle or can adapted to contain canned or preserved goods and is made of any suitable material, such as heavy tin, glass, granite, iron, aluminum or any non-corrosive material, and preferably reinforced by ribs in order to protect and make the apparatus more durable, if made of tin.

B is a plunger or follower mounted within said receptacle and is suitably packed in order to form an airtight joint. B′ is a stem fixed to said plunger or follower and passes through an opening in the lid C, which fits over the top of said receptacle, and D designates a handle fastened to the end of said stem. Said receptacle is provided preferably with suitable reinforcing ribs D′ about the circumference thereof and has sockets E adapted to receive the legs E′, whereby the receptacle may be suitably supported.

The lower end of the receptacle has an exit opening F, the circumferential wall of which is integral with the cylindrical casing H, which latter contains a cylindrical valve I having a diametrically disposed hole I′ therein, which is preferably of a diameter equal to the diameter of the exit opening in said receptacle. Said cylindrical valve is mounted so as to be practically airtight within its casing and has a stem N thereto, which extends through a lid or cap O fitted over the end of said casing and a handle O′ is fixed to the end of said stem, whereby the valve may be conveniently rotated in order to bring the opening therein in registration with openings Q and Q′ formed respectively in the upper and lower portions of the casing. About the lower opening of said casing is a band or collar R, which is threaded about its circumference and adapted to receive a threaded cup or can T into which the canned goods from the receptacle above are forced when the follower is depressed. After a sufficient supply of canned goods has been forced down into the cup or can, the cylindrical valve may be rotated in order to bring the remaining goods therein out of registration with the openings in the upper and lower portion of the casing, thereby cutting off the supply and preventing air from coming into contact with the canned or preserved goods within said receptacle.

In Fig. 4 of the drawings, I have shown a slight modification of the invention in which, instead of the cylindrical casing and valve of similar form, a slide valve designated by letter L is provided, which is mounted in a suitable casing L′ and has openings $L^2$ therein and about the marginal edges of said openings are threaded bands or collars J and J′, the former of which is adapted to fit the threads about the exit opening in the bottom of the receptacle, while the threaded band J′ is adapted to receive a cup or can of glass or having a glass panel, if said can is made of any metallic substance in order to show when a sufficient quantity is down in

the cup or can, to be filled with the canned or preserved goods. Said valve is provided with a suitable stem and a handle P whereby the slide may be moved backward and forward to allow the canned goods to pass into the cup or to cut off the supply, it being understood that the valve works practically airtight within its mountings.

While I have shown two forms of cut-off mechanism, it will be understood that I do not limit myself to any particular detailed construction of valve apparatus, as any form may be utilized which may be found well adapted for the purpose and the cut-off valves may be used separately or together as may be desired.

What I claim is:—

An apparatus for storing and dispensing canned or preserved goods, consisting of a receptacle, a follower or plunger mounted therein, a stem to said plunger extending through the lid of said receptacle, a casing having threaded connection with the bottom of the receptacle and about an exit opening therein, a rotatable cut-off valve mounted within said casing and provided with a diametrically disposed opening, a stem to said valve for rotating the latter, a handle upon said valve stem, a cap fitted to the end of said casing and through which said valve stem passes, a threaded band upon said casing, and a cup having threaded connection with said band, as set forth.

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

JACOB M. GROCE.

Witnesses:
CHAS. H. SEBERT,
JAMES W. GREENLE.