

R. P. BEATTY.

PACKAGE.

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898,821.

Patented Sept. 15, 1908.

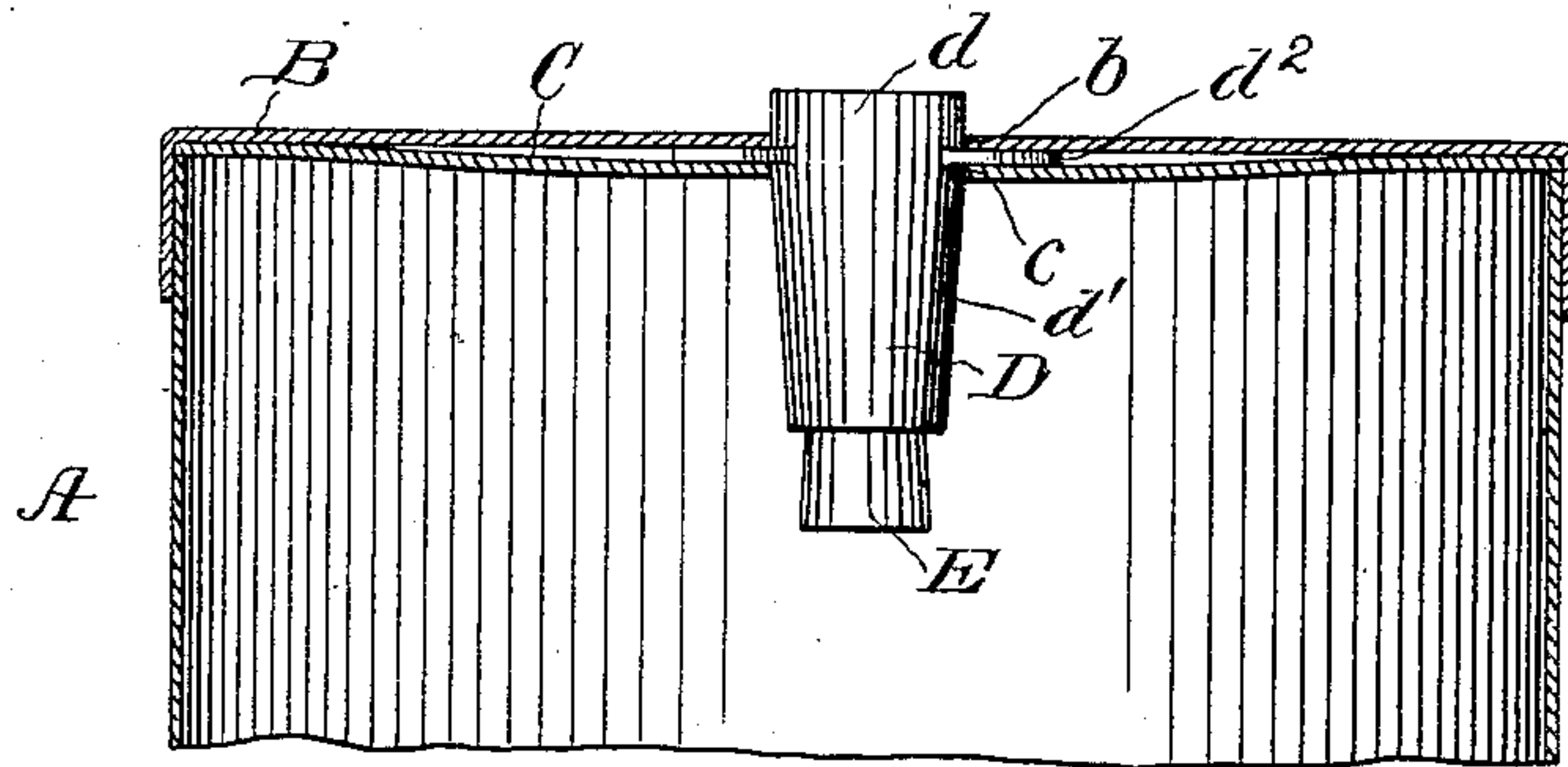


Fig. 1.

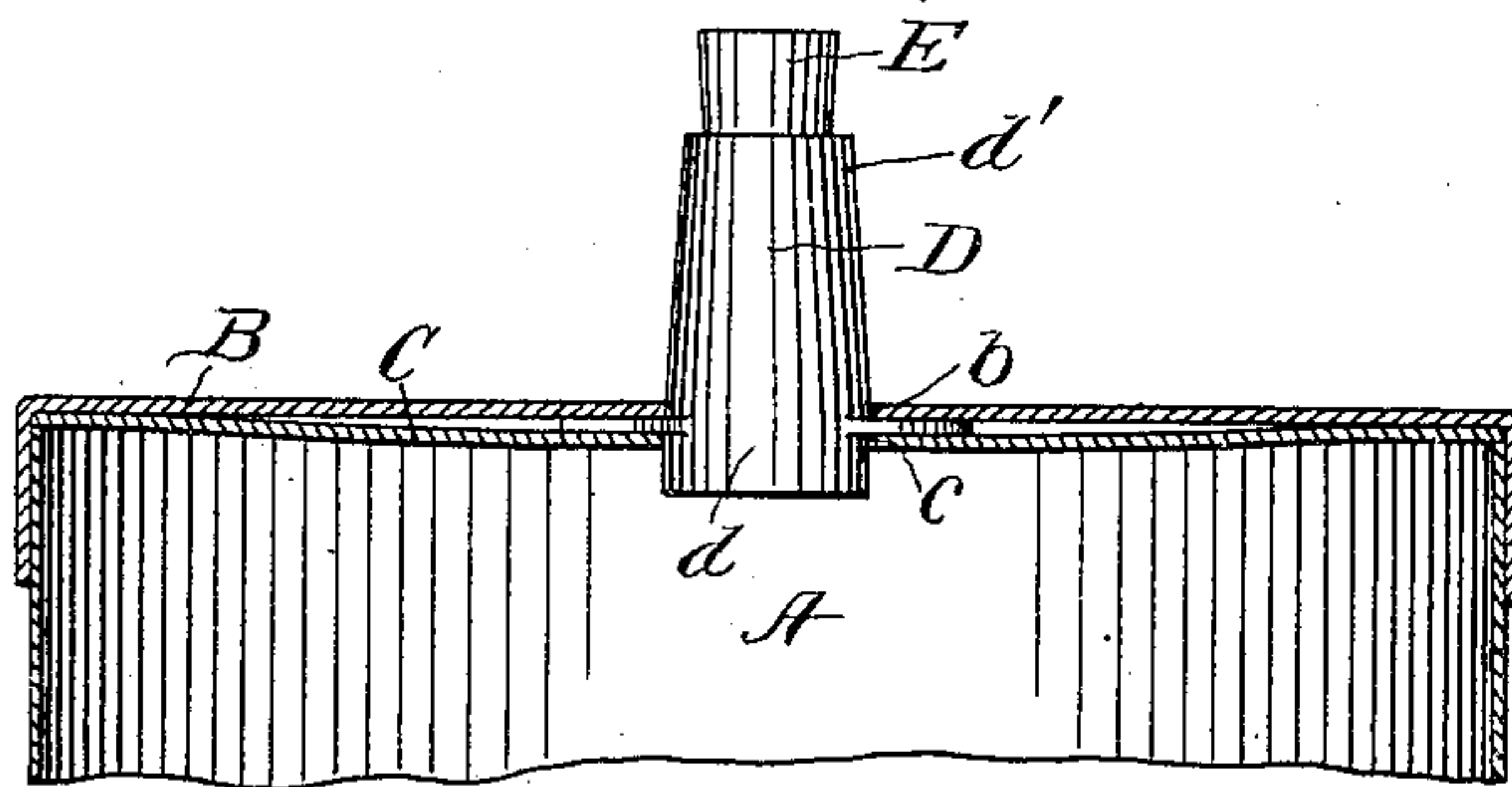


Fig. 2.

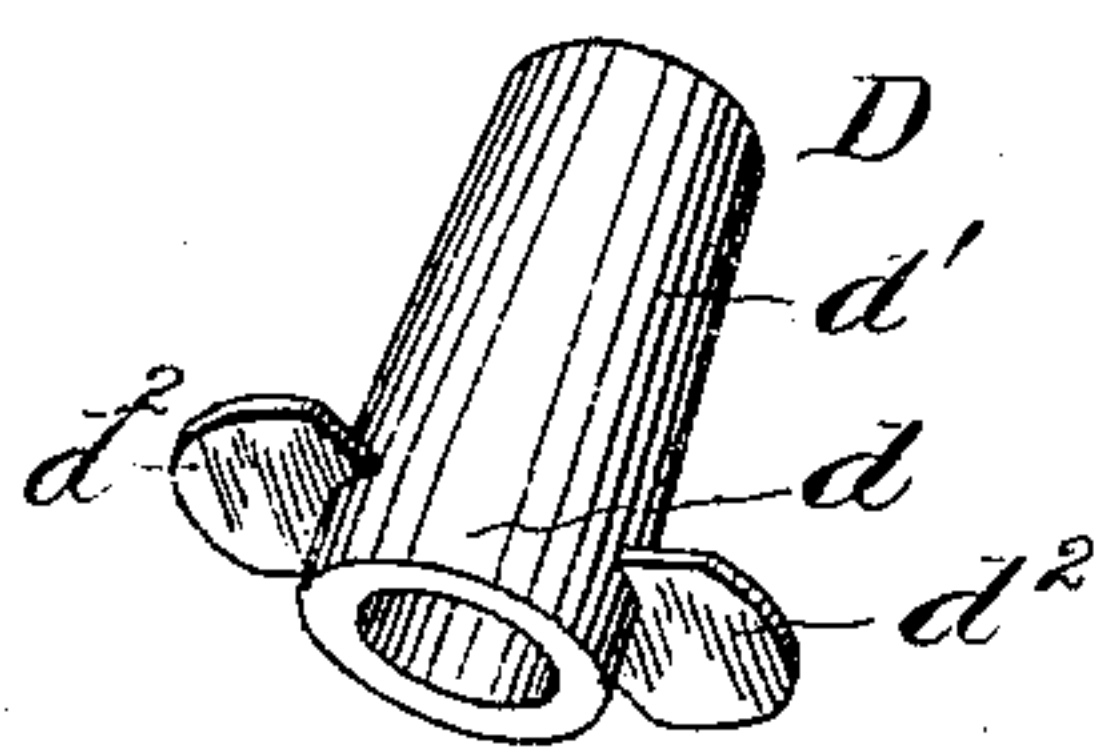


Fig. 4.

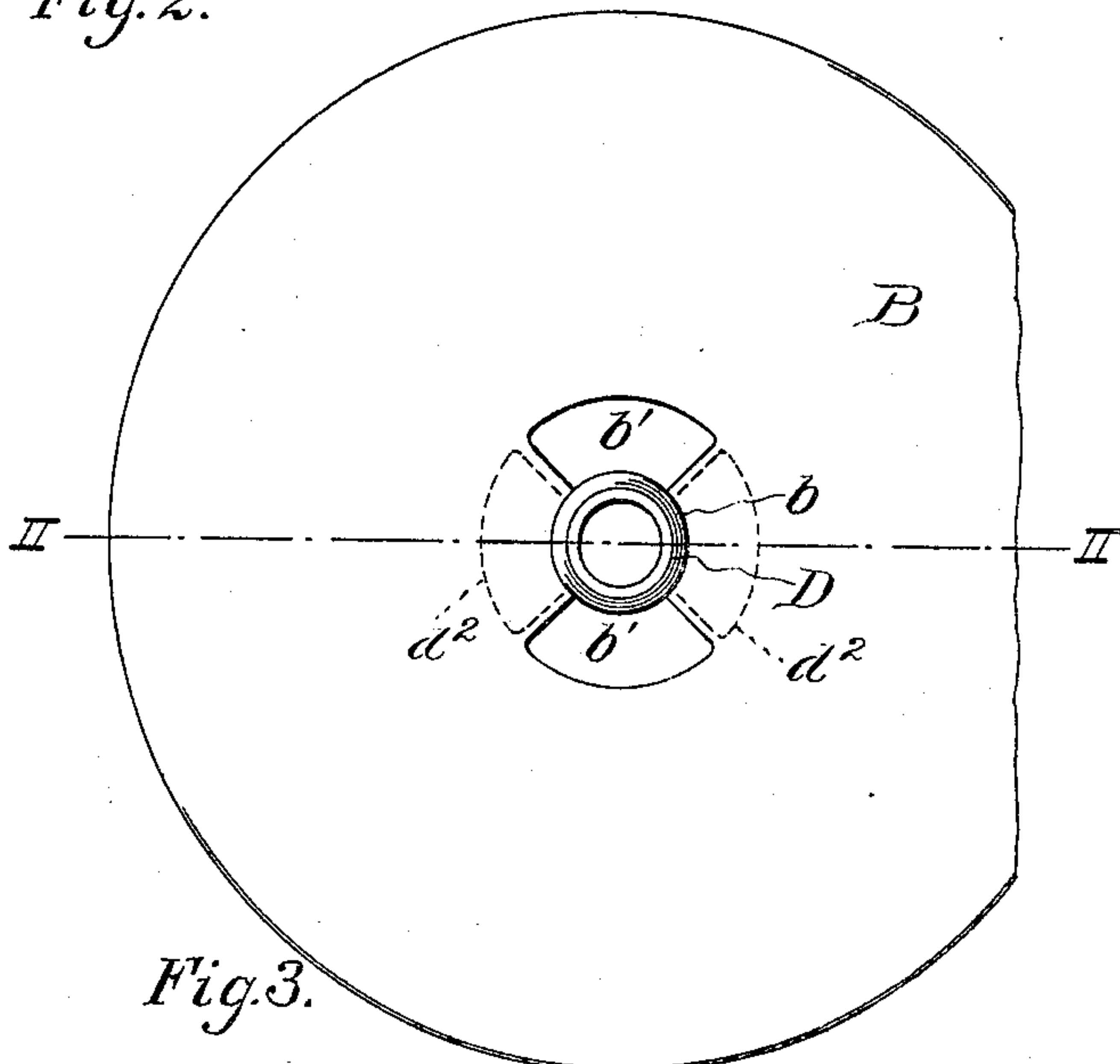


Fig. 3.

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UNITED STATES PATENT OFFICE.

ROBERT P. BEATTY, OF CLEVELAND, OHIO.

PACKAGE.

No. 898,821.

Specification of Letters Patent.

Patented Sept. 15, 1908.

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To all whom it may concern:

Be it known that I, ROBERT P. BEATTY, a citizen of the United States, resident of Cleveland, county of Cuyahoga, and State of Ohio, have invented a new and useful Improvement in Packages, of which the following is a specification, the principle of the invention being herein explained and the best mode in which I have contemplated applying that principle, so as to distinguish it from other inventions.

My invention relates to packages for holding various commercial products, such as salt, cereals, etc., and particularly to that class of packages in which a reversible spout is employed whereby it may be placed so as not to afford any marked obstruction or hindrance to the packing of the packages for shipment.

The object of such invention is to provide such package with a spout or nozzle which may be used for pouring the contents of the receptacle therefrom, which will at the same time act as a stopper therefor to securely seal such package, and at the same time embody the reversible feature above mentioned.

The annexed drawing and the following description set forth in detail, certain means embodying the invention, the disclosed means constituting but one of various mechanical forms in which the principle of the invention may be applied.

In said annexed drawing:—Figure 1 represents a vertical axial section of a package embodying my invention and showing the reversible spout in the position therein in which it is placed when the package is prepared for packing and shipping. Fig. 2 represents a similar view of the package showing the spout in the reversible position which is given it when the package is prepared for use by the consumer, so that the contents thereof may be readily poured therefrom. Fig. 3 represents a broken plan of such package with the stopper removed from the spout. Fig. 4 represents a perspective view of such spout.

The package is preferably made of the usual card board or similar material and comprises the cylindrical side A, an outer cover B fitting over the ends of the sides as shown, and an inner cover C placed between the cover B and the side A, as shown, the two members B and C forming the one end of the package. The opposite end of the package is made in the usual manner of a single thick-

ness of material. Member B is provided with a central opening *b* whose middle portion is circular and whose lateral portions *b'* *b'* are made segmental in form. These segmental portions are located diametrically opposite each other as shown. The inner member C is provided with a centrally located circular opening *c* having a diameter equal to that of the circular portion of the opening *b* and registering therewith.

The spout or nozzle D is composed of a cylindrical portion *d* and a tapered portion *d'*. Intermediate of the ends of the cylindrical portion *d* and projecting laterally at right angles to the axis of the spout are two wings or ears *d²* *d²* of a form corresponding to that of the openings *b'* *b'* and of a size such that they may be readily passed there-through. The diameter of the cylindrical portion of the spout D is made such that it will fit snugly in the circular portion of the opening *b* and in the circular opening *c*. The outer end of the tapered portion is provided with a suitable stopper E.

When it is desired to apply the spout to the package in either of its two positions one end thereof is passed through the openings *b* and *c* and the wings *d²* passed through the opening *b'* until they impinge upon the member C. A further downward pressure upon the spout will cause a separation between the members B and C whereby, by rotating the spout, the wings *d²* *d²* may be caused to pass into the space between the members B and C and assume the position shown in dotted lines in Fig. 3. In this position, it will be seen that the spout may be held securely in place in either of its two illustrated positions.

Other modes of applying the principle of my invention may be employed, instead of the one explained, and change may be made as regards the mechanism herein disclosed, provided the means covered by any one of the following claims be employed.

I, therefore, particularly point out and distinctly claim as my invention:—

1. A package comprising the combination of the outer shell provided with an opening therethrough; an auxiliary member inside the shell and in proximity to said opening; and a spout in the latter secured in place by said shell and auxiliary member.

2. A package comprising the combination of the outer shell provided with an opening therethrough; an auxiliary member inside the shell provided with an opening register-

ing with said shell opening; and a spout projecting through both said openings and held by said shell and auxiliary member.

3. A package comprising the combination
5 of the outer shell provided with an opening therethrough; an auxiliary member inside the shell and in proximity to said opening; and a spout in the latter and held by said shell and auxiliary member, and provided
10 with a portion capable of passing through the shell opening but incapable of passing said auxiliary member.

4. A package comprising the combination
15 of the outer shell provided with an opening therethrough; an auxiliary member inside the shell provided with an opening registering with said shell opening; and a spout projecting through both said openings and provided with a portion capable of passing
20 through the shell opening but incapable of passing through said registering opening; such portion being held by said shell and auxiliary member.

5. A package comprising the combination
25 with a receptacle having a portion of its wall formed of two thicknesses of material provided with registering openings; of a removable spout held between said two thicknesses.

6. A package comprising the combination
30 with a receptacle having a portion of its wall formed of two thicknesses of material; provided with registering openings; of a spout formed with a laterally projecting portion adapted to pass through the outer opening but incapable of passing through the inner;
35 said portion being held between said two thicknesses of material.

7. A package comprising the combination
40 of the sides, the ends, one of said ends consisting of an outer member secured to the sides and an inner member secured between said outer member and sides; said outer and inner members formed with registering openings; and a spout provided with a laterally
45 projecting portion capable of passing through the outer opening but incapable of passing through the inner opening, and adapted to be interposed between said outer and inner end members.

Signed by me, this 23d day of December, 50
1907.

ROBERT P. BEATTY.

Attested by—

JENNIE E. GARY,
LENA A. DIRLAM.