

F. W. BARNES.
BOX AND SHIPPING PACKAGE.
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903,161.

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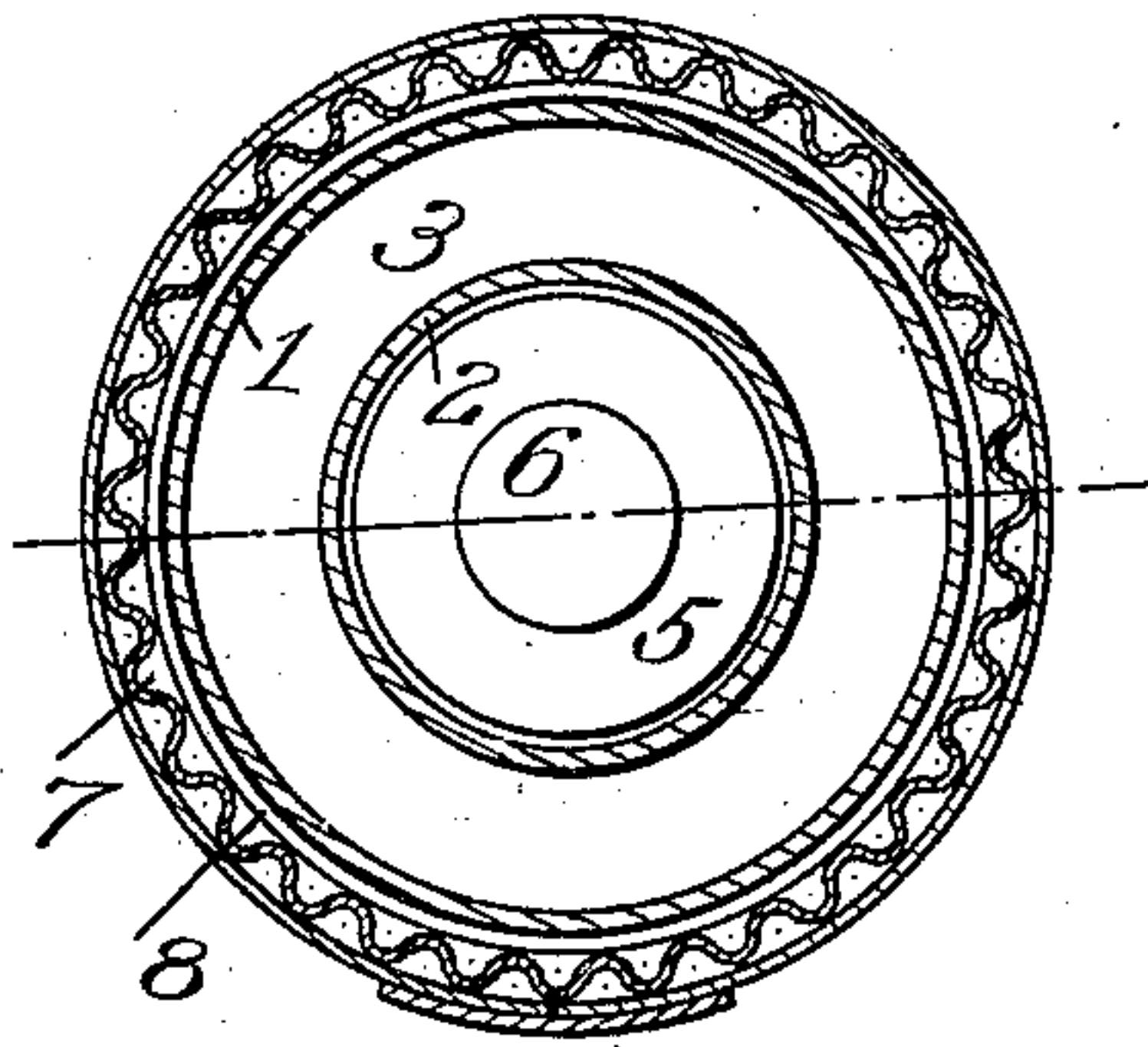


Fig. 2

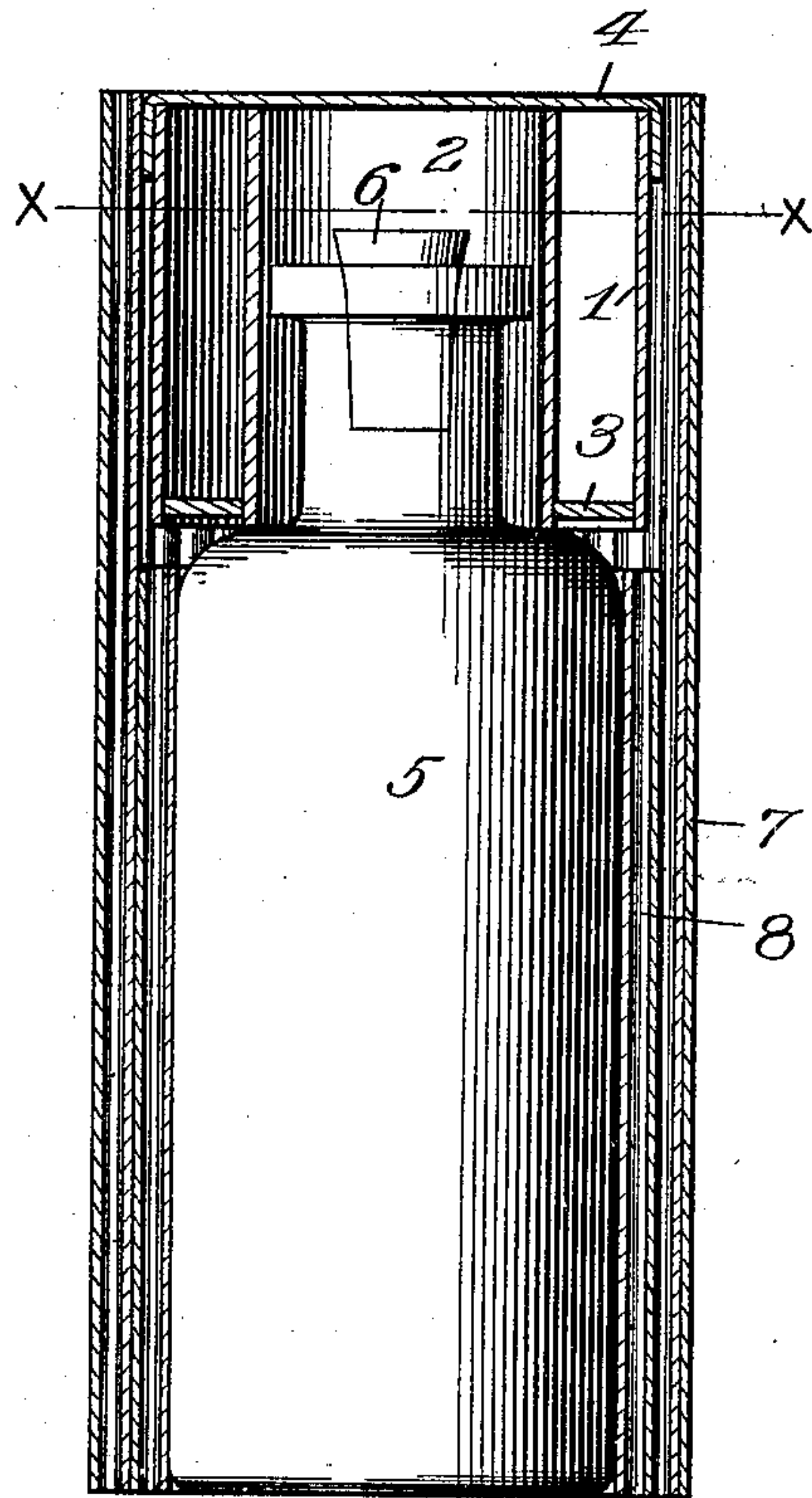


Fig. 1.

Inventor

Witnesses
Walter B. Payne
Russell B. Shifflet

Frederick W. Barnes
By Frederick W. Barnes
his Attorney

UNITED STATES PATENT OFFICE.

FREDERICK W. BARNES, OF ROCHESTER, NEW YORK, ASSIGNOR TO EASTMAN KODAK COMPANY, OF ROCHESTER, NEW YORK, A CORPORATION OF NEW YORK

BOX AND SHIPPING PACKAGE.

No. 903,161.

Specification of Letters Patent.

Patented Nov. 10, 1908.

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To all whom it may concern:

Be it known that I, FREDERICK W. BARNES, of Rochester, in the county of Monroe and State of New York, have invented
5 certain new and useful Improvements in Box and Shipping Packages; and I do hereby declare the following to be a full, clear and exact description of the same, reference being
10 had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

My present invention relates to boxes or receptacles, preferably constructed of paper or similar material, and adapted to contain
15 small articles, preferably such as are adapted to be used in connection with a liquid, and it has for its objects to provide a box which may be packed with a bottle, the whole forming a shipping package of regular form, all as
20 will be hereinafter described.

To these and other ends the invention consists in certain improvements and combinations of parts all as will be hereinafter more fully explained, the novel features being
25 pointed out in the claims at the end of the specification.

In the drawings: Figure 1 is a sectional view of a box or receptacle constructed in accordance with my invention showing the
30 manner of using it in connection with a bottle to form a cylindrical shipping package. Fig. 2 is a horizontal sectional view taken on the line $x-x$ of Fig. 1.

Similar reference numerals in the several
35 figures indicate similar parts.

Heretofore in putting up for shipping, small articles as tablets or capsules to be used in connection with a liquid accompanying them in a bottle or other similar liquid container, it has been customary to place said
40 capsules or tablets in an ordinary round or rectangular pasteboard box and the liquid in an ordinary bottle containing a narrow neck, and in packing the two for shipment, considerable space is required for the package,
45 containing the solid material, and therefore considerable extra space had been required, and the package containing the two has not been symmetrical. With the object, therefore, of providing a box or container which

is adapted to pack with an ordinary bottle or one of special shape, but having the usual narrow neck, I have devised a box having a cover or closure and which is adapted to fit
around the neck of the bottle, thereby utilizing for the reception of the solid articles, the space in the shipping package which
55 would otherwise not be utilized.

In the present embodiment of my invention the box is annular in form, being composed of the outer cylindrical portion 1 and the inner cylindrical portion 2, both formed of concentric paper tubes connected at their lower ends by a bottom 3, while their upper
60 ends are open and adapted to be closed by a removable cover 4, as shown in Fig. 1. The height of the box is slightly greater than that of the distance from the shoulder of the bottle 5 with which the box is employed, to the upper end of the stopper 6 thereof, so that
65 the cover will not engage said stopper, and the lower end of the inner portion of the box will rest upon the shoulder of the bottle.

When the box is employed in connection with a bottle and an outer container or wrapper, a convenient mailing package is formed,
75 the outer wrapper of corrugated paper, indicated by 7, having the narrower interior diameter thereof around the bottle, this narrower portion being formed by an additional
80 (and removable) lining of corrugated paper indicated by 8.

It will be understood that while I prefer to make the box cylindrical in form, as this is best adapted for round bottles, it could well
85 be of any desired shape, rectangular or otherwise, but preferably of a form to correspond with that of the bottle with which it is to be used.

Boxes thus described may be used for containing capsules, tablets or powders which are to be used in connection with the liquid contained in the bottle, or for general shipping purposes if desired.

I claim as my invention:

In a shipping package, the combination with a wrapper and a container therein having a relatively narrow neck forming a shoulder portion, of a removable receptacle formed of concentric tubes having a bottom
95 100

piece arranged between them at their lower
ends and adapted to extend around the neck
of the container and to rest against the shoul-
der thereof, said receptacle being detached
5 with relation to both wrapper and container,
and a flanged cover for closing the upper end
of the receptacle, the flanges thereof fitting

over the outer tube of the receptacle and ex-
tending between the latter and the wrapper.

FREDERICK W. BARNES.

Witnesses:

G. WILLARD RICH,
RUSSELL B. GRIFFITH.