L. W. NEWCOMER.

PACKING RECEPTACLE.

APPLICATION FILED JULY 14, 1913.

1,099,194. Patented June 9, 1914.

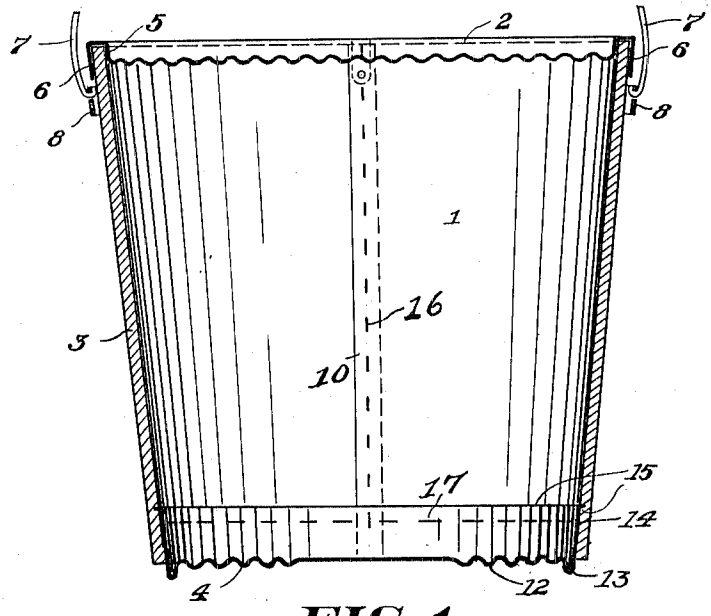



FIG. 1.

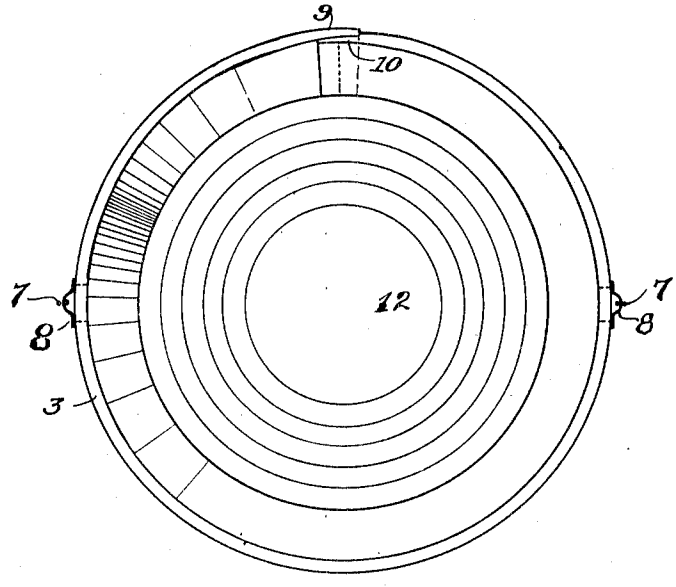



FIG. 2.

WITNESSES:

M. Cameron

J. H. Simpson

INVENTOR

Lewis W. Newcomer

BY

F. F. Chamberlain

ATTORNEY.

# UNITED STATES PATENT OFFICE.

LEWIS W. NEWCOMER, OF MONROE, MICHIGAN.

## PACKING-RECEPTACLE.

1,099,194. Specification of Letters Patent. Patented June 9, 1914.

Application filed July 14, 1913. Serial No. 779,068.

*To all whom it may concern:*

Be it known that I, LEWIS W. NEWCOMER, a citizen of the United States, and a resident of Monroe, Michigan, have invented a new and useful Improvement in Packing-Receptacles, of which the following is a specification.

My invention relates to that class of receptacles which are used for the purpose of shipping or dispensing materials which contain volatile ingredients, or which have odors or flavors which cause deterioration of the materials if the flavors or odors escape, or if the moisture of the material evaporates.

It has for its object to provide a tightly sealed packing and shipping receptacle for such materials.

It also has for its object to provide a packing and shipping receptacle which will contain finely divided materials, such as rice, spices and the like.

In order to accomplish these objects the invention consists in the provision of a pail having a paper or fiber wall or side and having a bottom composed of sheet metal. A means is provided for the protection of the paper wall and prevents its laceration while being used.

The receptacle is so constructed that it may be used as a container while its contents is being sold or otherwise manipulated with.

I have shown in the drawings and described hereinafter a receptacle embodying the invention. This particular construction is selected to illustrate the manner in which the receptacle may be constructed, and which also contains my invention, it being understood that other constructions may be made which also contain the spirit of the invention and which are covered by the claim hereinafter appended.

In the drawings, Figure 1 is a sectional side view of the receptacle, and Fig. 2 is a plan view of the receptacle with the cover removed.

1, Fig. 1, is a receptacle which comprises the cover 2, the wall 3 and the bottom 4. The cover is provided with a flange 5 which flares over and is crimped down over the upper edge of the wall 3. By reason of the flaring construction of the flange 5 the cover is tightly pressed against the inside of the upper edge of the wall 3 when it is pressed inward in the action of closing the receptacle. The edge of the cover is provided with depending ears 6 which may be used for securing the cover to the top of the receptacle. The receptacle may be provided with a bail 7 and with engaging ears 8 adapted to receive the bail 7 in a manner well known in the art.

The wall 3 is composed of fiber board, the edges of the board overlap as at 9. The inner edge is skived so as to produce a smooth surface on the inside and at the point of contact between the ends of the fiber board making thereby a smooth continuous surface on the inside of the receptacle. The overlapping edges of the board are cemented together and if desired they may be stapled or sewed together.

The bottom 4 is provided with a plurality of concentric corrugations 12. The outer edge or margin of the bottom is provided with a depressed portion 13 which extends downward well below the central portion of the bottom. The bottom is also provided with an upwardly extending flange 14 having a flaring portion 15 which sets well into the fiber board of the wall 3. This holds the fiber board well above the lower side or edge of the depressed portion 13 and protects the lower edge of the wall 3. The bottom, therefore, is so constructed that it will have great strength and will support the contents of the receptacle. It is also so constructed as to tightly seal the receptacle and give it long life and permit rough and careless use thereof.

If desired, cement may be inserted between the flaring flange 14 and the fiber board forming the wall of the receptacle. Also, the flange may be stapled to the fiber board thereby tightly securing the two parts together.

As heretofore suggested the receptacle provides a very simple and economical means for packing and shipping articles such as, tea, coffee, spices and other materials which contain evaporative flavors or odors or moisture and which would be materially injured if such vapors are allowed to escape.

The receptacle may be made of any size but the object of this invention is to provide a packing receptacle which will contain a considerable amount of material to be shipped and which will be strong and efficient and economical, as well as one wherein its contents will be tightly sealed.

Having described and shown one of many

constructions which embody my invention, what I claim is new and desire to secure by Letters Patent is:

The combination of a receptacle having a circular wall of fiber board and a sheet metal circularly corrugated bottom, a ridge extending downward below the corrugation of the bottom along the periphery of the bottom and having an upwardly turned flaring flange extending within the wall and the fiber board, the edge of the flange penetrating the wall to tightly seal the connection between the wall and the bottom on the inside of the wall, the flaring flange supporting the wall above the lower plane of the ridge and the ridge supporting the bottom of the receptacle to protect the lower edge of the wall and the bottom of the receptacle.

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

LEWIS W. NEWCOMER.

Witnesses:
CLEMENT BARON,
EUGENE C. BETZ.