G. W. THROOP AND J. W. DUNDON.

PAPER RECEPTACLE.

APPLICATION FILED AUG. 12, 1920.

1,383,173. Patented June 28, 1921.

Fig. 1.

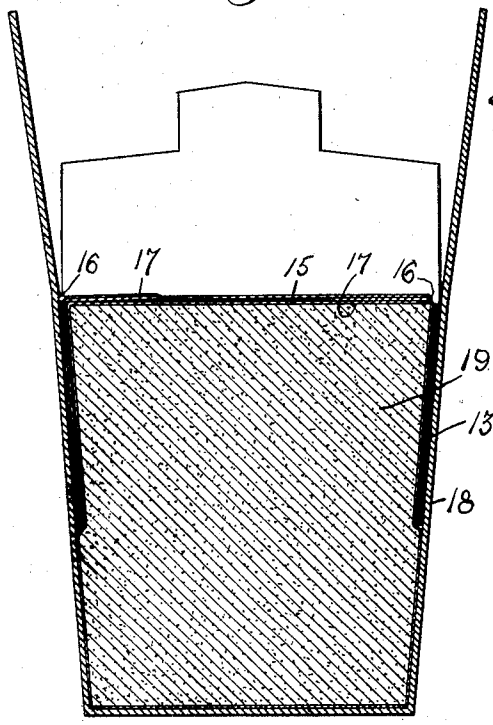


Fig. 2.

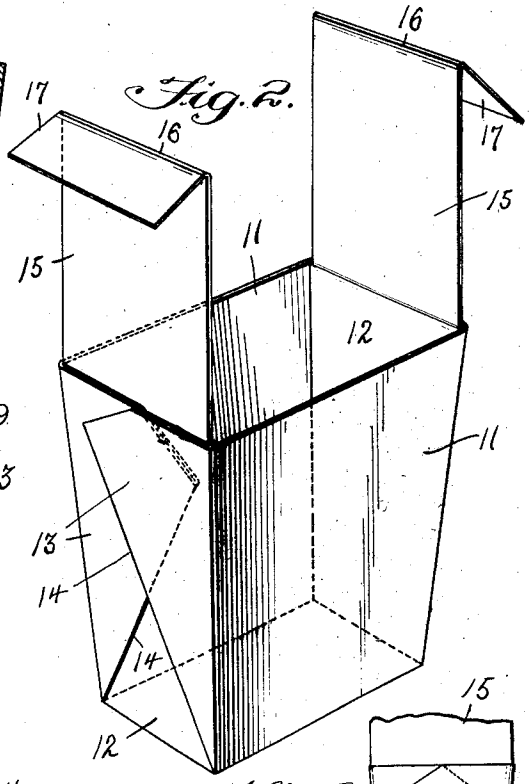


Fig. 3.

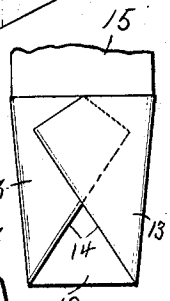


Fig. 4.

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PAPER RECEPTACLE.

1,383,173. Specification of Letters Patent. Patented June 28, 1921.

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To all whom it may concern:

Be it known that we, GERALD W. THROOP and JESS W. DUNDON, citizens of the United States, residing at Erie, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Paper Receptacles, of which the following is a specification.

This invention relates to receptacles constructed of paper or the like and adapted to be folded to form an inner container, preferably of water proofed material, and has for one of its objects to construct a device of this character of relatively light material capable of being disposed in a heavier container or support, and to receive the product or substance which it is designed to transport, and which may be discarded after use leaving the original or outside container intact, and likewise protecting the contents of the inner container.

Another object of the invention is to provide a device of this character having means for lifting the same from the outside container or support.

With these and other objects in view, the invention consists in certain novel features of construction as hereinafter shown and described and then specifically pointed out in the claim, and in the drawings illustrative of the preferred embodiment of the invention—

Figure 1 is a vertical section of a conventional outside or supporting container with the improved inner container arranged therein and likewise in vertical section.

Fig. 2 is a perspective view of the improved inner container,

Fig. 3 is an end elevation, on a reduced scale, of the inner container,

Fig. 4 is a view of the blank from which the inner container is constructed.

In transporting liquid or semi-liquid products or material, such as ice cream, oysters, and the like, it is common to use containers or "pails" of paper, more or less water proof and folded to form a rectangular receptacle, but such containers are liable, to leak, and the contents are liable to adhere to the walls of the container. The principal object of the present invention is to provide an inner container of water proof material such as paper impregnated with paraffin or other water proofing substance and provided with extensions foldable over the same and also forming V-lifting ears, whereby the inner container may be removed bodily together with its contents from the outer container. The walls of the inner container may then be fully or partially separated or opened into the original flat form, as shown in Fig. 4, leaving the contents fully exposed and in proper condition to be served or removed, as required. When employed for transporting ice cream or the like, the opening of the inner container leaves the cream in "brick" like form in condition to be divided and served in the usual manner.

When semi-liquid substances are transported, the sides of the container can be partly separated and forming a shallow dish-like device from which the contents can be readily removed.

The improved device is shown in "blank" form in Fig. 4, and comprises a sheet of material, such as paraffin or wax treated paper and provided with folding creases, and includes a central panel 10 which constitutes the bottom of the receptacle, two opposite panels 11 which constitute the side walls of the receptacle, two opposite panels 12 which constitute the end walls of the receptacle, and V-shaped panels 13 which are foldable at 14 intermediate their sides upon themselves and likewise foldable over the end walls 12, as shown in Figs. 2 and 3.

Wings or extensions 15 project from two of the walls or panels, for instance the end walls or panels 12, and at their outer or free ends the extensions are "scored" as indicated at 16 and the portions 17 beyond the score lines folded over upon the body of the extensions to form lifting ears, to enable the inner receptacle, together with its contents, to be easily removed from the outer receptacle.

In using the improved device, it is folded into the position shown in Fig. 2 with the extensions 15 substantially in alinement with the end walls 12 and overlapping portions 13, and deposited within the outer container, represented conventionally at 18. The inner container thus forms a lining to the outer container and is in position to receive the ice cream or other substance or material, the latter indicated at 19.

The extensions 15—17 are then folded inwardly and overlapped upon the contents 19, as shown in Fig. 1. When thus arranged the lifting ear portions 17 lie flat against the body portions of the extensions 15 and

do not interfere with the folding in of the usual closure portions of the outer container.

The extension portions 15 constitute an inner or supplemental closure to the container 18, as will be obvious.

The improved device may be constructed in any required size to adapt it to the form or proportions of the outer container.

The preferred embodiment of the invention is disclosed in the drawings and set forth in the specification, but it will be understood that any modifications within the scope of the claim may be made in the construction without departing from the principle of the invention or sacrificing any of its advantages.

What we claim is:

A container of the class described formed of a single sheet of material foldable to form a rectangular receptacle open at the upper side, two opposite side walls of the receptacle having extensions foldable upon themselves at their ends to form lifting ears, said extensions adapted to be overlapped over the open side of the receptacle.

In testimony whereof, we affix our signatures hereto.

GERALD W. THROOP.
JESS W. DUNDON.