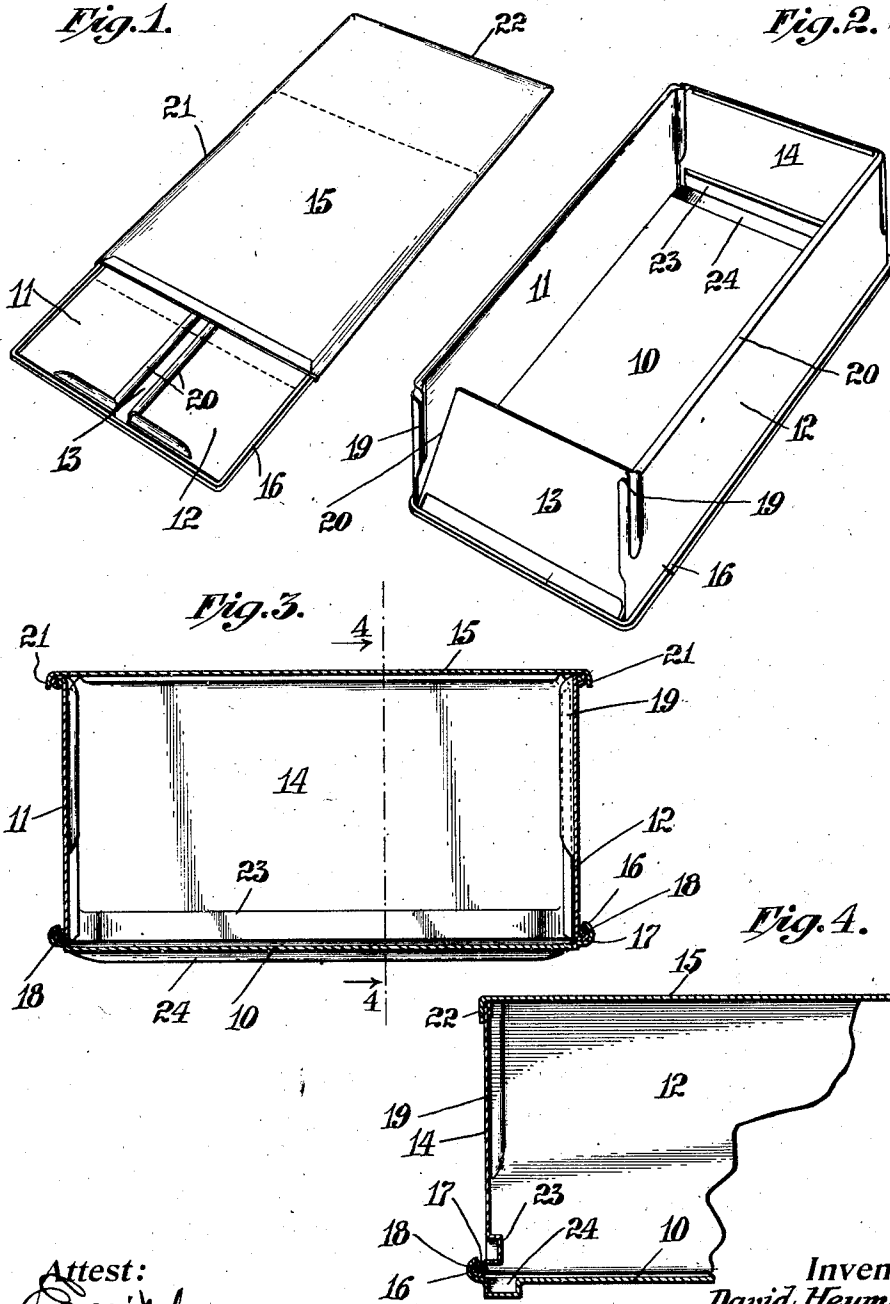


D. HEYMAN.
 COLLAPSIBLE RECEPTACLE.
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1,003,107.

Patented Sept. 12, 1911.



Attest:
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UNITED STATES PATENT OFFICE.

DAVID HEYMAN, OF JERSEY CITY, NEW JERSEY.

COLLAPSIBLE RECEPTACLE.

1,003,107.

Specification of Letters Patent. Patented Sept. 12, 1911.

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To all whom it may concern:

Be it known that I, DAVID HEYMAN, a citizen of the United States of America, residing at No. 27 Crescent avenue, Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Collapsible Receptacles, of which the following is a specification.

The present invention relates to improvements in collapsible receptacles usually made of metal.

The principal object of the invention is to so improve the detail structure of receptacles of this character that the ends and sides thereof may be readily folded flat against the bottom, and the cover placed in such position that when the receptacle is folded it will present a neat and compact appearance.

It is also an object of the invention to so pivotally secure the sides and ends of the receptacle to the bottom thereof, that these parts may be opened out and closed an indefinite number of times without danger of the sides and ends becoming separated from the bottom part.

Other objects and advantages of the invention will be disclosed in the following specification, reference being had to the accompanying drawing, wherein—

Figure 1 is a perspective view of a receptacle in collapsed condition, the cover being shown partly slid over the sides and ends and engaging the bottom or base; Fig. 2 is a similar view of a receptacle with the sides and ends opened out, the cover being omitted; Fig. 3 is a vertical sectional view through a completed receptacle; and Fig. 4 is a fragmentary sectional view taken on the line 4—4 of Fig. 3 and looking in the direction of the arrows.

Referring to the drawing by reference characters, 10 designates the bottom or base of the receptacle, 11 and 12 the longitudinal sides thereof and 13 and 14 the ends of the receptacle, the cover being designated 15. As shown more especially in Figs. 3 and 4, the base member 10 is provided throughout its four sides with a curled-up bead or clench 16 and each of the sides 11 and 12 and the ends 13 and 14 are bent into the form of an eye 17 within each of which is contained an individual wire 18 which wire is angular so as to seat in the eyes 17 of the adjacent side and end members at each corner, the con-

struction being such that the side and end members of the receptacle are hinged in the bead 16 of the base member 10, and although freely movable therein to be opened and folded, may not be removed from the base except by very considerable effort.

Each of the side members 11 and 12 near each end thereof is provided with a grooved portion 19 stamped up from the material itself, these grooves 19 being designed to engage the adjacent edges 20 of the end members 13 and 14 for the purpose of providing a substantially rigid structure when the box is opened out and the edges of the end members are inserted in the grooves 19 of the side members. The end members 13 and 14 are of less width than the base member 10 so that when the end members are folded down against the base member, the sides 11 and 12 may be folded over the end members. Each of the sides 11 and 12 along its upper edge is provided with a substantially flat flange 20 which is designed to be engaged by the turned over edge 21 of the cover 15, the cover being turned over at two of its edges and at the end 22, the opposite end being left substantially plane. Each of the end members 13 and 14 is provided with a struck up rib or ledge 23, which when said members are folded down on the base member 10, fits into a correspondingly formed depression 24 in said base member, this arrangement enabling the portions 19 to enter the spaces which result from stamping up the ribs 23 of the material of the ends 13 and 14 and allowing the sides 11 and 12 to lie substantially flat against the folded down ends 13 and 14. When the receptacle is collapsed as indicated in Fig. 1, the bottom bead 16 may be engaged by the turned over edges of the cover 15, and when the cover is slid over the collapsed sides and ends, a thin flat article results, which is neat and compact and may be easily handled.

I claim:—

1. In a collapsible receptacle, the combination with the base having a bead or clench formed at each of its edges, of pairs of side and end members each thereof having an eye formed at one edge thereof, said eyes being pivotally retained in the beads in the base, and an angular wire seated in the eyes of adjacent side and end members at each corner, the side edges of each member of one of said pairs having grooved portions into which the adjacent side edges of the

members of the other pair are adapted to extend when the receptacle is opened.

2. In a collapsible receptacle, the combination with the base having a bead or clench formed at each of its edges, of pairs of side and end members each thereof having an eye formed at one edge thereof, said eyes being pivotally held in the beads in the base, an angular wire seated in the eyes of adjacent side and end members at each corner, the side edges of each member of one of said pairs having grooved portions into which the adjacent side edges of the members of the other pair are adapted to extend when the receptacle is opened, and a cover having a turned over edge adapted to engage either the base member when the receptacle is collapsed or the side and end members when the receptacle is opened out.

3. In a collapsible receptacle, the combi-

nation with a base member having a bead or clench formed at each of its edges and oppositely disposed depressions each of which is arranged adjacent an edge of said base member, of a pair of side members and a pair of end members pivotally held in the bead in the base member, one of said pairs of members having each a projection or rib adapted to enter the depressions in the base member, and the other of said pairs of members having each a struck up groove adapted to enter the space which results from the formation of the said ribs in the other pair of members.

In testimony whereof I have affixed my signature in presence of two witnesses.

DAVID HEYMAN.

Witnesses:

OTTO MUNK,
CLARISSA FRANCK.