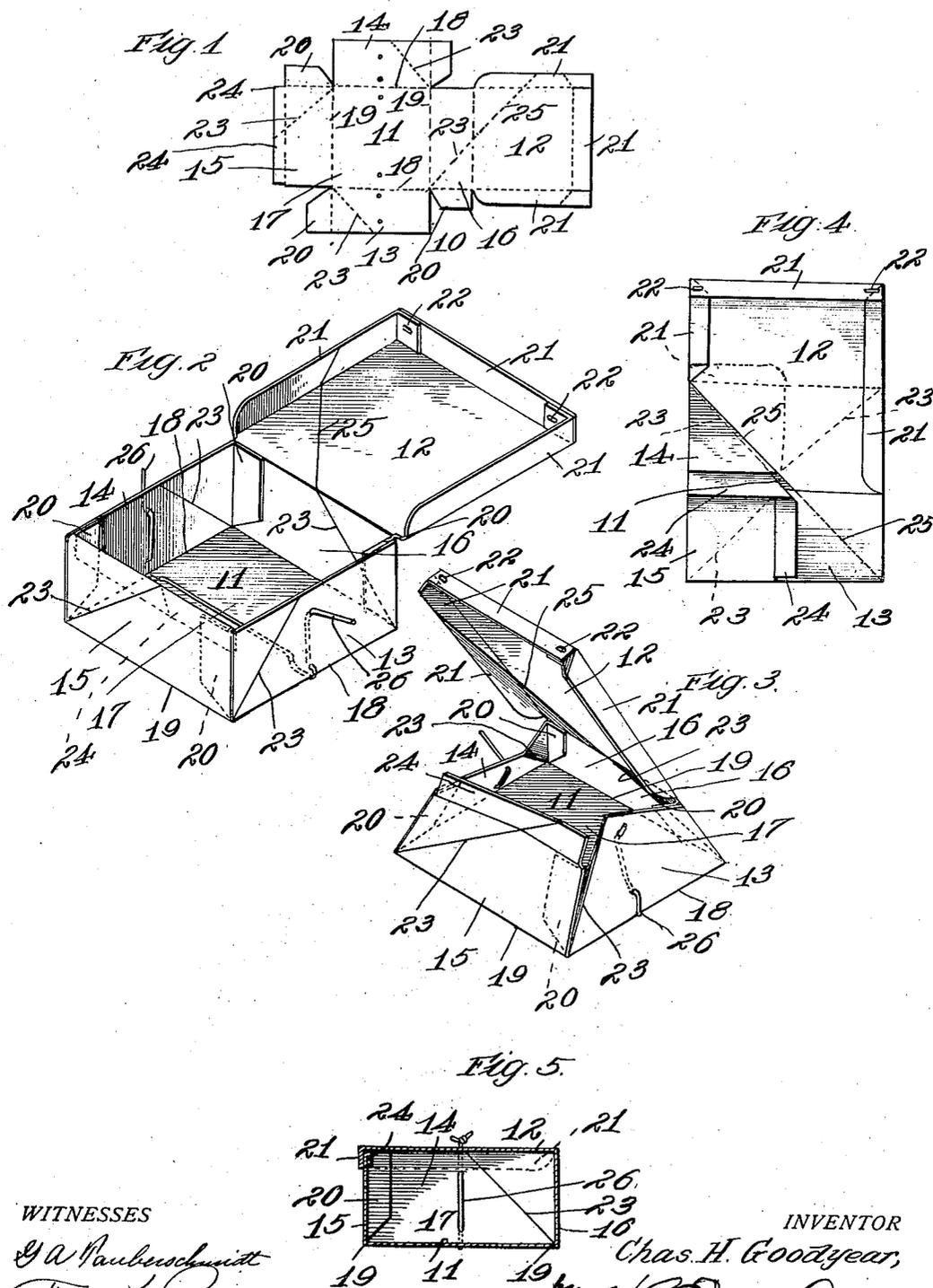


C. H. GOODYEAR.
 FOLDABLE PASTEBOARD RECEPTACLE.
 APPLICATION FILED MAY 16, 1912.

1,054,530.

Patented Feb. 25, 1913.



WITNESSES

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FOLDABLE PASTEBOARD RECEPTACLE.

1,054,530.

Specification of Letters Patent.

Patented Feb. 25, 1913.

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To all whom it may concern:

Be it known that I, CHARLES H. GOODYEAR, a citizen of the United States, and residing at Cedar Rapids, in the county of Linn and State of Iowa, have invented certain new and useful Improvements in Foldable Pasteboard Receptacles, of which the following is a specification.

This invention relates to improvements in foldable paste-board receptacles.

An object of the invention is the provision of a single piece paste-board blank so scored as to be capable of folding to form both a receptacle body and a suitable cover therefor.

A still further object is to provide a receptacle so formed which may be readily folded into compact flattened form by merely an opening of the cover and a removal of the receptacle contents.

A still further object is the provision of a receptacle capable of assuming a knocked down position in a manner similar to a collapsible pocket book and having a foldable side and cover upon a single continuous line and capable of folding only when said side and cover are positioned in the same plane but locked against folding upon said scoring when in any different planes.

With these general objects in view and others that will appear as the nature of the invention is better understood, the same consists in the novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings and pointed out in the appended claim.

In the drawings forming a part of this application and in which like designating numerals correspond to similar parts throughout the several views: Figure 1 is a plan view of the receptacle body and cover blank in its unfolded disassembled positions. Fig. 2 is a perspective view of the assembled box showing the cover thereof opened. Fig. 3 is a perspective view illustrating the box and cover partially collapsed. Fig. 4 is a plan view of the assembled box and cover as folded for shipment, and, Fig. 5 is a transverse central sectional view of the closed box as secured in that position.

Referring more in detail to the drawings, the blank 10 is provided with the receptacle body-portion 11 and closure lid 12, all formed in a single sheet of card board. The folding of the side walls 13 and 14 as well as the end walls 15 and 16 upwardly upon

the rectangular bottom 17 will be apparent from the scorings upon the blank as well as their positions assumed in Fig. 2. For the purpose of assembling the box, said side and end walls are bent upon the scorings 18 and 19 to assume a plane at right angles with respect to the bottom 17. In that position, the alternately-arranged similar end flaps 20 are adhesively secured to the inner face of the adjacent wall.

The cover member is formed from the blank 12 by folding at relatively right angles thereto the marginal edges 21 thereof and when so folded may be adhesively secured at the overlapping corners or retained by convenient hold-fast devices such as the staples 22 herein shown.

The form of the box as shown in Fig. 2 provides the cover adapted for closing over the receptacle body with its edge flap inclosing the top portion thereof. The box and cover being so formed provides a permanent structure and the further material elements of the invention consist in a provision whereby the same may be then readily folded into compact form and then readily unfolded.

Each of the side walls of the receptacle is suitably scored as at 23 a point substantially centrally of its free edge and running to alternating corners of the receptacle bottom 11. For the purpose of retaining the walls in an upright position, a front flap 24 is placed upon the front wall 15 of the receptacle which is adapted to be folded inwardly as shown in Fig. 2. It is evident that upon an unfolding of said locking flap 24 to the position shown in Fig. 3, that each of the box walls may be folded upon the scoring 23 which will allow each wall to fold inwardly upon the bottom 11, thus positioning themselves flatly thereupon as shown in Fig. 4. As further shown in this latter figure, the scoring 23 upon the rear wall of the receptacle is continued at 25 in the same direction entirely across the cover 12 and its marginal flap 21, thus allowing the cover to fold rearwardly and to one side. It is noted that in its closed position, the cover lies superposed with respect to a portion of both the rear wall and the adjacent side wall 13. In the closed position also, the marginal flaps 21 of the cover are folded inwardly as indicated.

The operation of forming the box from its knocked down position as shown in Fig. 4

will be at once evident and it will be seen that all that is necessary is to lift the side walls and insert the front locking flap 24 and that then the contents may be placed 5 in the receptacle and the lid or cover placed down over the same. Securing tapes or strings 26 may also be employed provided through perforations in the bottom and side walls of the receptacle and the ends 10 thereof adapted to be tied together as shown in Fig. 5 for securing the cover in its closed position.

While the forms of the invention herein shown and described are what are believed 15 to be preferable embodiments thereof, it is nevertheless to be understood that minor changes may be made in the form, proportion and details of construction without departing from the spirit and scope of the in- 20 vention as set forth in the appended claim.

What I claim as new and desire to secure by Letters Patent of the United States is:—

A device of the class described comprising a bottom, side walls, an end wall, a lid hinged to said end wall, oblique scorings 25 similarly and alternately positioned across each of said walls from one base corner to the center of the top edge thereof, the walls adapted for folding thereupon, the scoring of said end wall being continued in 30 a straight line across said cover and the latter adapted for folding upon said scoring only when positioned in the same plane as said end wall.

In testimony whereof I affix my signature 35 in presence of two witnesses.

CHARLES H. GOODYEAR.

Witnesses:

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