April 18, 1950 D. W. COREY 2,504,252

RECEPTACLE FOR ARTICLES SUCH AS ELECTRIC RAZORS

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Fig. 1.

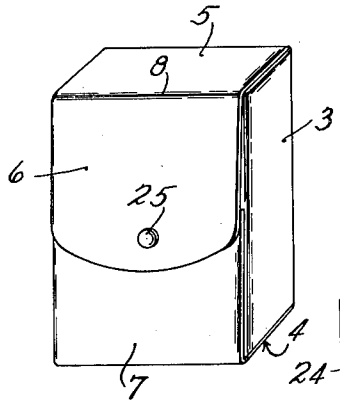


Fig. 2.

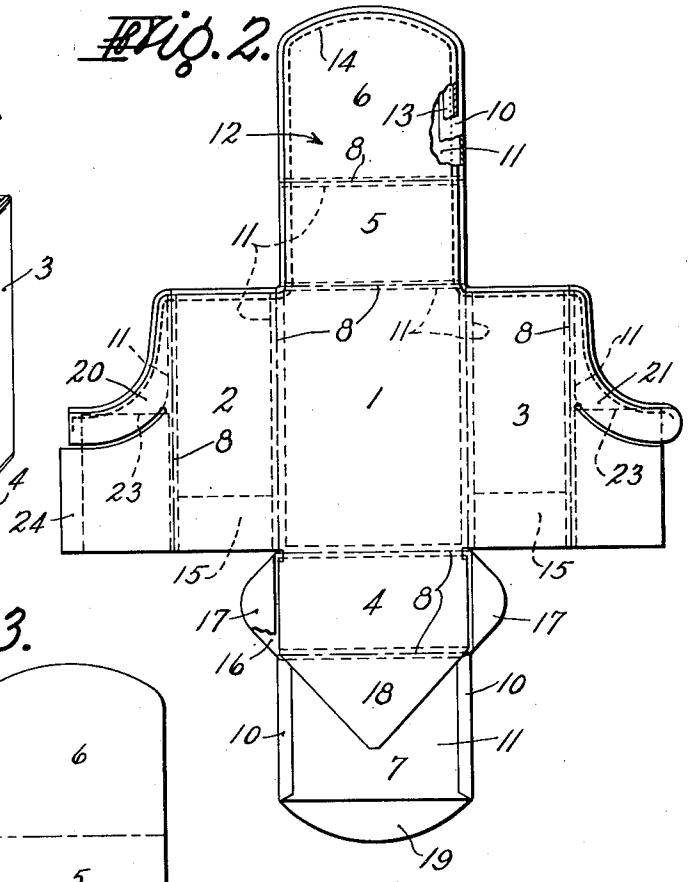
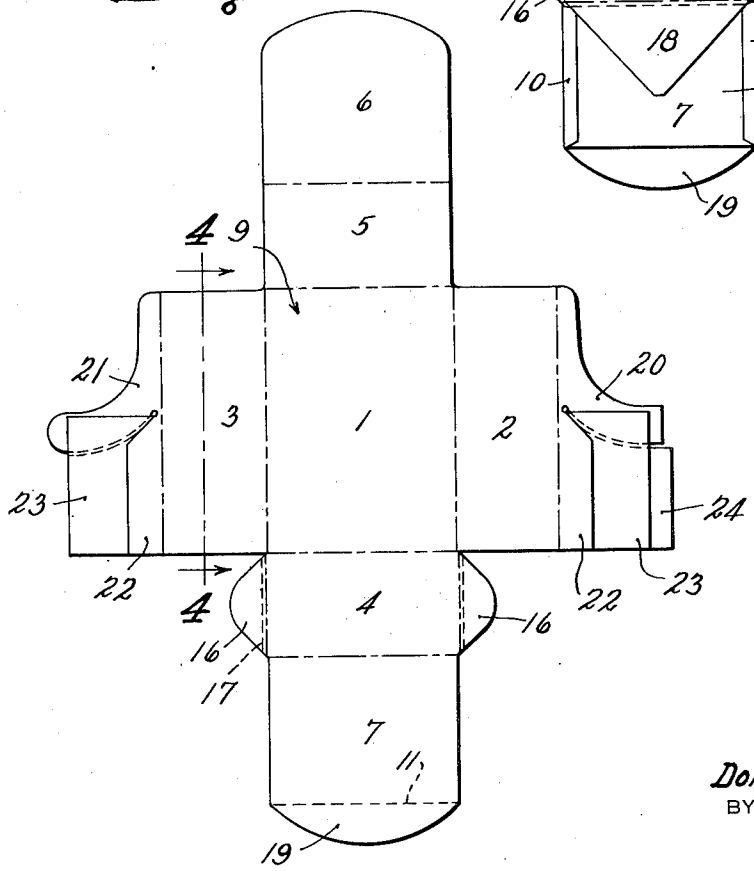


Fig. 3.



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Fig. 5.

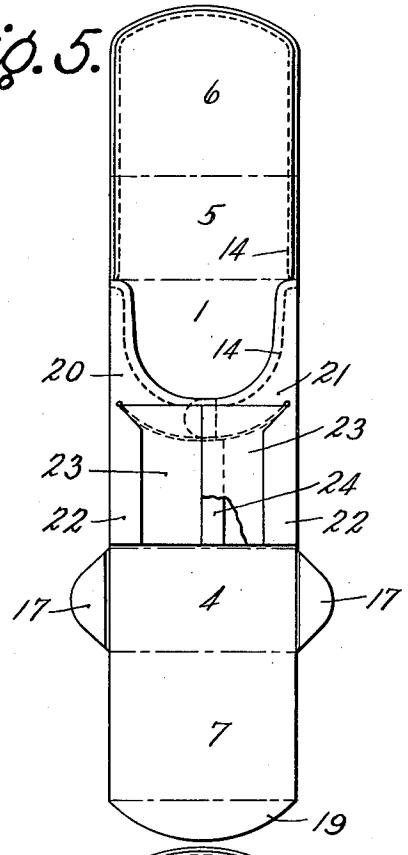


Fig. 4.

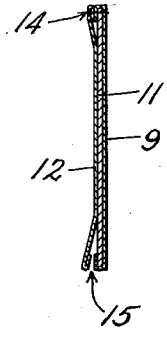


Fig. 6.

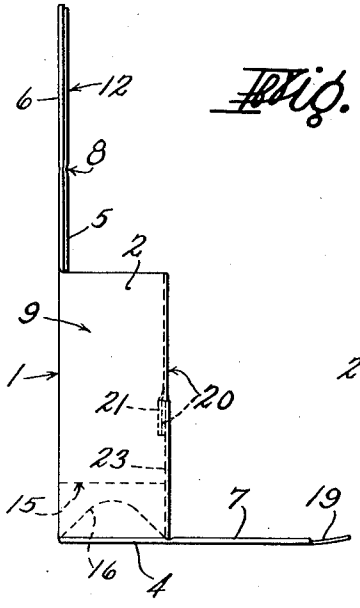
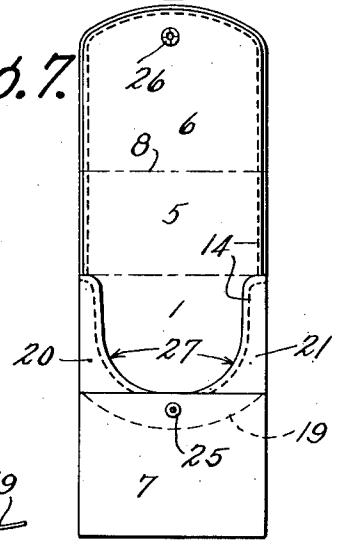


Fig. 7.



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RECEPTACLE FOR ARTICLES SUCH AS ELECTRIC RAZORS

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Application September 20, 1946, Serial No. 698,149

4 Claims. (Cl. 150—34)

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This invention relates to an improved receptacle of the type which is built up in a flat form and the parts or sections thereof folded to form a box like receptacle or case suitable for receiving electric razors and similar articles.

One object of the invention is to provide a structure of the above kind which may be constructed at relatively low cost and which when completed gives a neat and attractive appearance and possesses the necessary strength to give adequate protection to such articles as electric razors and articles of similar character and value.

Another object is to provide a construction which materially reduces labor costs permitting the use of high quality materials.

Other and further objects and advantages residing in the details of construction and arrangement of the parts will be made apparent in the following specification and claims.

In the accompanying drawings which illustrate a preferred embodiment of the invention,

Fig. 1 is an oblique drawing of the completed receptacle;

Fig. 2 is a view of the composite blank, parts being broken away, from which the receptacle is folded up, showing the inside face;

Fig. 3 is a view similar to Fig. 2 but showing the outer face of the blank;

Fig. 4 is a detail sectional view taken substantially on line 4—4 of Fig. 3;

Fig. 5 is a view corresponding to Fig. 2 but showing the initial folding steps;

Fig. 6 is a view looking from the left of Fig. 5 after a further folding and setting up step has been performed; and

Fig. 7 is a front view of the completed receptacle with the closure in open position.

Referring to Figs. 2 and 3, the blank is shown as comprising a rear wall member 1, side wall members 2 and 3, a bottom wall member 4, a top member 5, a closure member 6 and an outer front wall member 7 all hinged together along lines generally indicated at 8 and along which the members are swung or folded to bring the members into set up position as later described.

Preferably the outer covering comprises a single piece of leather or the like, as generally indicated at 9 in Fig. 3, cut to conform to the general shape of the blank. Except as later noted the edges of the leather cover are folded, as shown at 10 in Fig. 2, about reenforcement members indicated at 11, there being a reenforcement member for each of the main wall and flap members. The adjacent edges of these reenforcements, which may be of cardboard or other suitable material, are slightly spaced from each other, these spaces being bridged by the covering sheet 9, and the lining sheet 12, later referred to, to form the hinges between the members at the lines 8.

The lining sheet 12, which may be of leather,

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fabric or other suitable material, conforms, with exceptions later noted, to the general shape of the blank and has its edges under folded as indicated at 13, where the edge of the liner sheet is exposed in the finished product.

At the exposed edges of the receptacle the lining sheet and cover sheet are preferably stitched together as indicated at 14 and both cover sheet and lining sheet are cemented to the adjacent face of the reenforcing members 11, except at the lower end portions of the side wall members 2 and 3 where the lining sheet is left free of the reenforcing members to form pockets 15 as best shown in Fig. 4.

At the sides of the bottom wall member 4 the cover sheet is formed with tongues 16, to the inner side of which are cemented relatively thin reenforcing members 17 spaced slightly from the ends of reenforcing member 11 of the bottom wall member, for hinging purposes. The lining sheet 12 need not extend over the reenforcements 17 and as indicated at 18 need extend only partially over the member 11 of front wall member 7.

The cover sheet is also provided with an unreenforced tongue 19 extending from the bottom edge of outer front wall member 7 as viewed in Figs. 2 and 3.

Hinged to the upper portion of the outer side edges of side wall members 2 and 3 are arm members 20 and 21 respectively, reenforced and constructed in the same manner as the other wall members. The arm members 20 and 21 may be cut to any desired shape.

Below the arm members 20 and 21 the cover sheet is formed with narrow flaps 22, see Fig. 3, to the inner side of which are cemented panel members 23 formed of cardboard or the like. The panel members extend upwardly into overlapping relation with the outer face of the adjacent curved arm members 20 and 21, and with the arm members form two wing sections which are hinged to swing as a unit, one at the forward edge of each side wall member.

The transverse width of the panel members 20 and 21 are preferably such that when, as shown in Fig. 5, the side wall members 2 and 3 are swung to a position at right angles to the rear wall member 1 and the wing sections made up of arm members 20 and 21 and panels 23 are swung to a position at right angles to sides 2 and 3, the adjacent vertical edges of the panels 23 abut. The adjacent edges of the panel members may however overlap if desired. Arm members 20 and 21 are of a length so that when the parts are in the position just described the ends of the arms overlap behind the upper portions of the abutting panel members. The lining sheet extends over and is cemented to the inner face of the panel members and, as shown at 24 in Fig. 2, the lining sheet preferably extends slightly beyond the ver-

tical edge of one of the panel members. When the parts are in the position of Fig. 5 this extension 24 overlaps onto and is cemented to the lined inner face of the adjacent panel.

After the parts have been moved to the position shown in Fig. 5 the bottom wall member is swung to a position at right angles to the rear wall with reenforced tongues 16 inserted in the pockets 15 as shown in Fig. 6. To complete the setting up of the box the outer front wall member 7 is swung upwardly against the panel members 23 and the unreenforced tongue 19 is tucked downwardly between the upper portion of the panel members and arms 20 and 21, as shown in Fig. 7. The parts are held in set up position by the post member 25 of a glove type fastener, riveted through member 7, panels 23, flap 19 and the overlapping ends of arms 20 and 21. The closure member 6 is provided with the socket member 26 of the glove type fastener, positioned to engage post 25 when the container is closed as in Fig. 1.

The exposed edges 27 of arm members 20 and 21 may be variously shaped to form an attractive opening which provides a partial display of the article carried in the container and facilitates removal of the article for use and its return to the container after use.

I claim:

1. A receptacle comprising rear, side and bottom wall members hingedly connected together, and a front wall, said front wall including two wing sections hinged one to the forward edge of each side wall member; each wing section comprising an arm member and a panel member the upper portion of the panel member overlapping the lower portion of the arm member, the adjacent ends of the arm members overlapping each other behind the panel members, an outer front wall member hinged to the forward edge of the bottom wall member and folded upwardly over said panel members, said outer front wall member having a flap extending downwardly from its upper edge between the overlapping surfaces of said arm members and the panel members, and means extending through the overlapped portions of said arm members, the panel members, said flap and said outer front wall member to hold the receptacle in set up condition.

2. A receptacle comprising rear, side and bottom wall members hingedly connected together, and a front wall, said front wall including two wing sections hinged one to the forward edge of each side wall member, each wing section comprising an arm member and a panel member, the upper portion of the panel member overlapping the lower portion of the arm member, the adjacent ends of the arm members overlapping each other behind the panel members and below the upper edges of the panel members, an outer front wall member hinged to the forward edge of the bottom wall member and folded upwardly over said panel members, said outer front wall member having a flap extending downwardly from its upper edge between the overlapping surfaces of said arm members and the panel members, means extending through the overlapped portions of said arm members, the panel members, said flap and said outer front wall member to hold the receptacle in set up condition, a top member hinged along its rear edge to the upper edge of the rear wall member and a closure member hinged to the forward edge of the top member and foldable into overlapping relation with the upper edge portion of the outer front wall member to close the receptacle.

3. A receptacle comprising rear, side and bottom wall members hingedly connected together, and a front wall, said front wall including two wing sections hinged one to the forward edge of each side wall member, each wing section comprising an arm member and a panel member, the upper portion of the panel member overlapping the lower portion of the arm member, the adjacent ends of the arm members overlapping each other behind the panel members, an outer front wall member hinged to the forward edge of the bottom wall member said front wall member being coextensive with the panel members and folded upwardly over said panel members to completely cover the latter, said outer front wall member having a flap extending downwardly from its upper edge between the overlapping surfaces of said arm members and the panel members, means in the form of one element of a snap fastener extending through the overlapped portions of said arm members, the panel members, said flap and said outer front wall member to hold the receptacle in set up condition, a top member hinged along its rear edge to the upper edge of the rear wall member and a closure member hinged to the forward edge of the top member and foldable into overlapping relation with the upper edge portion of the outer front wall member to close the receptacle, said closure member carrying a snap fastener element engageable with said first mentioned fastener element to releasably hold the receptacle closed.

4. A receptacle comprising rear, side and bottom wall members hingedly connected together, and a front wall, said front wall including two wing sections hinged one to the forward edge of each side wall member, each wing section comprising an arm member and a panel member the upper portion of the panel member overlapping the lower portion of the arm member, the adjacent ends of the arm members overlapping each other behind the panel members, an outer front wall member hinged to the forward edge of the bottom wall member said front wall member being coextensive with the panel members and folded upwardly over said panel members to completely cover the latter, said outer front wall member having a flap extending downwardly from its upper edge between the overlapping surfaces of said arm members and the panel members, means extending through the overlapped portions of said arm members, the panel members, said flap and said outer front wall member to hold the receptacle in set up condition, tongues extending from the side edges of the bottom wall member, and pockets, opening from the lower edges of the side wall members, in which pockets said tongues engage.

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