

March 15, 1966

S. BRAUN

3,240,324

MOLDED PLASTIC BOX

Filed July 2, 1962

3 Sheets-Sheet 1

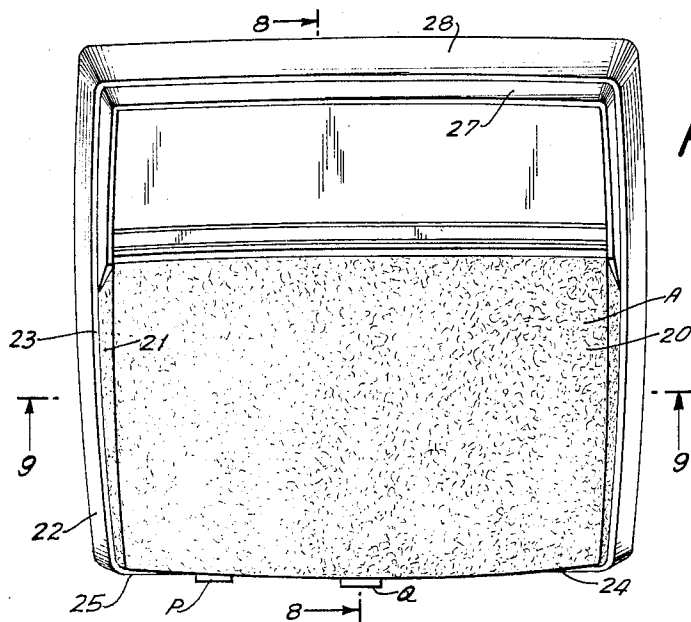


FIG. 1

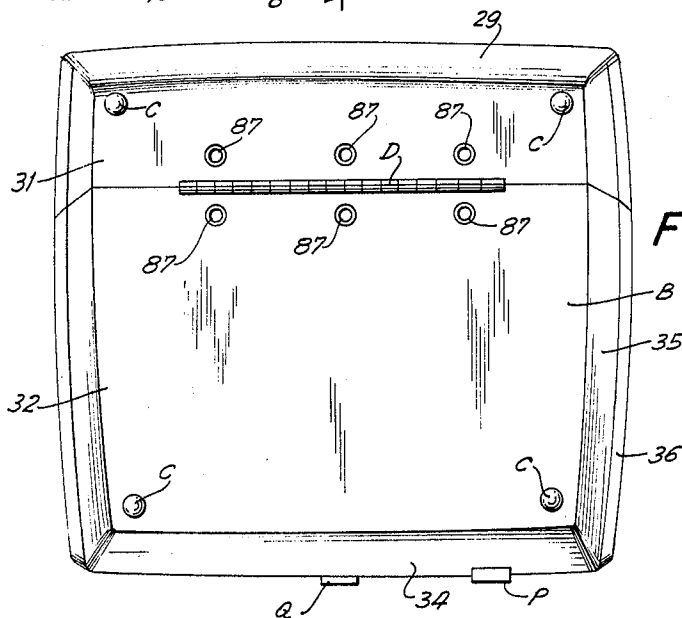


FIG. 2

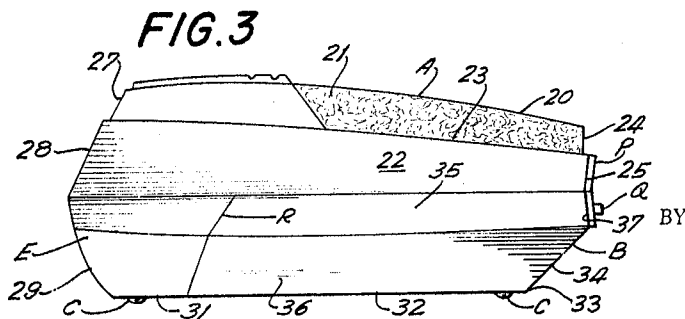


FIG. 3

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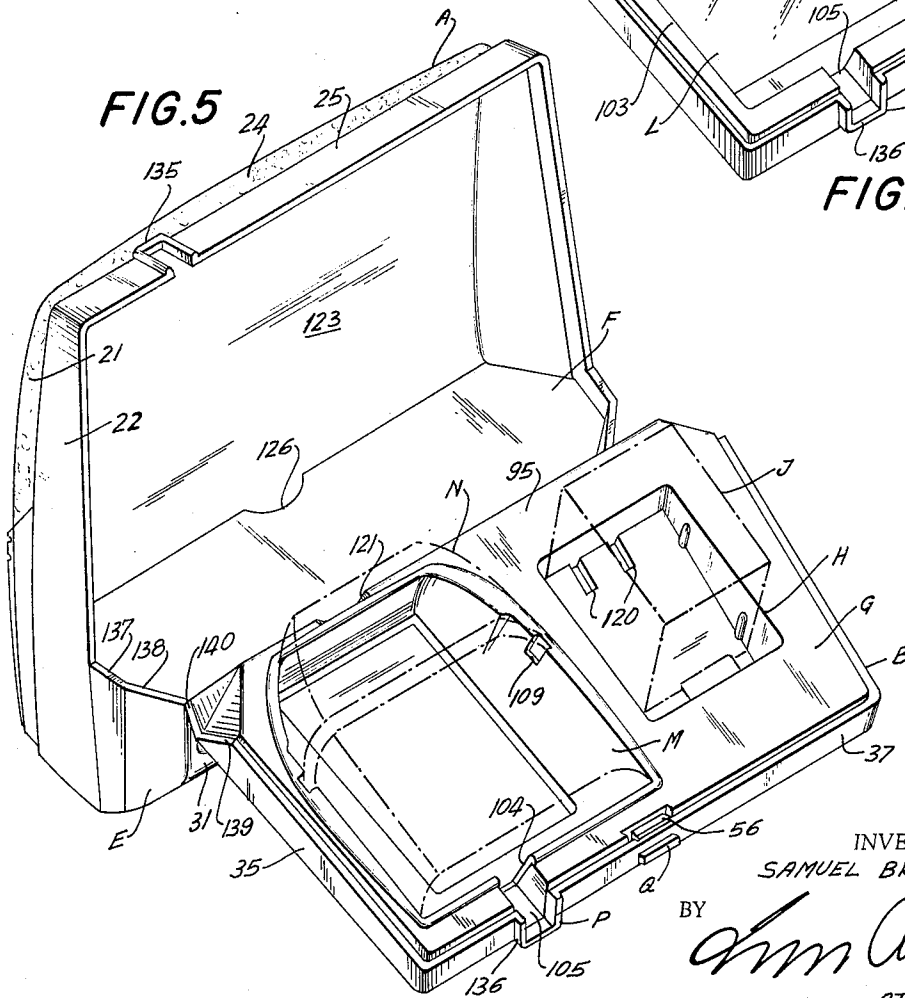
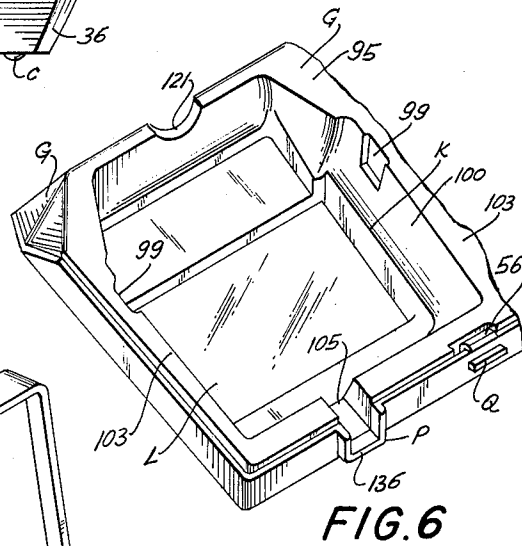
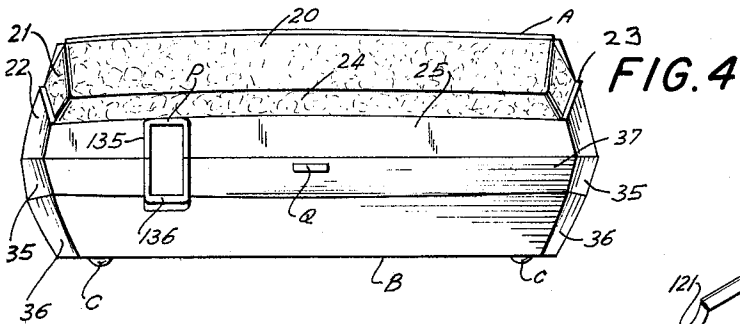
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3 Sheets-Sheet 2



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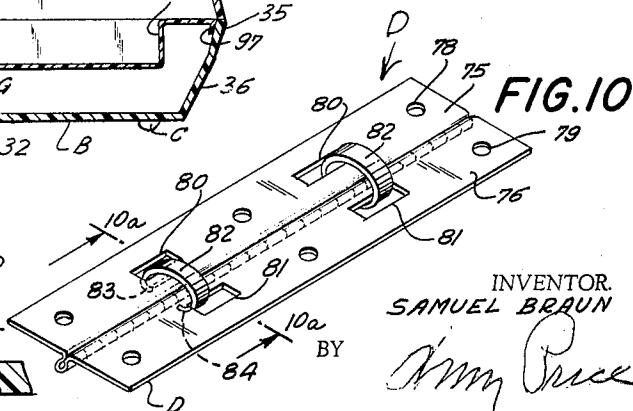
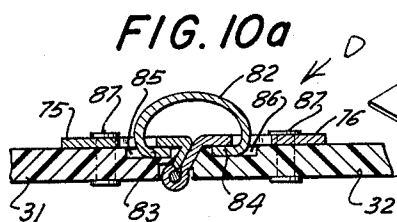
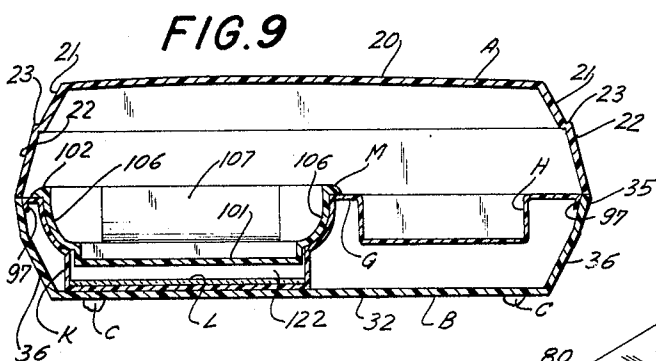
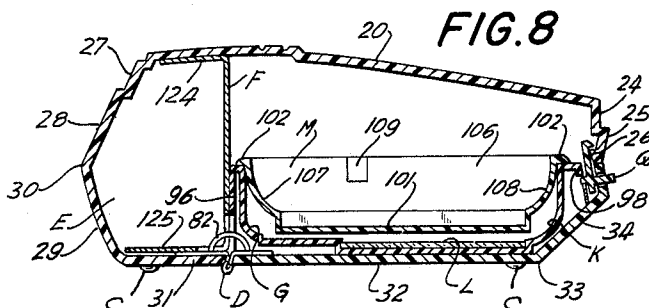
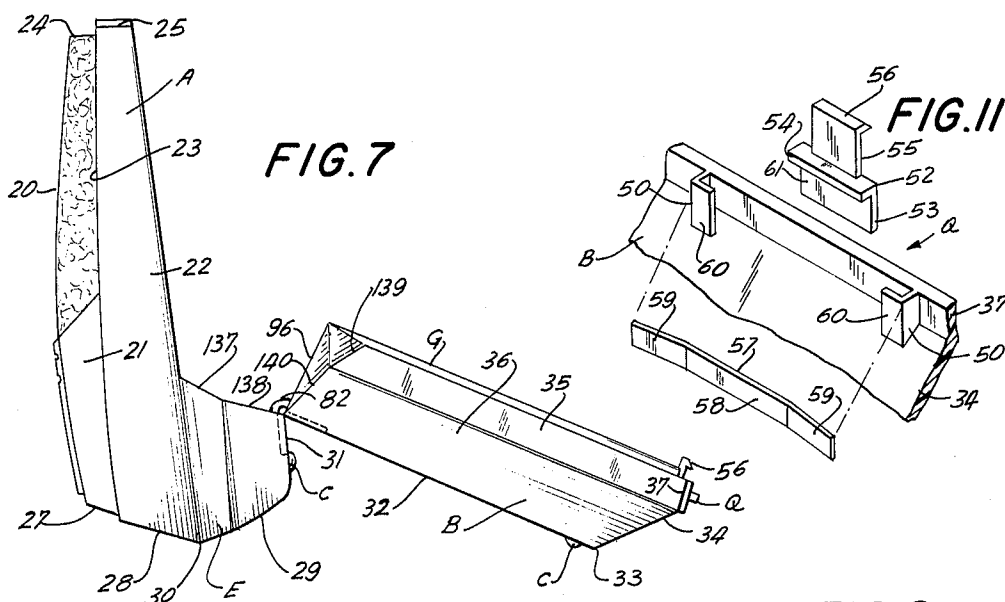
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3 Sheets-Sheet 3



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3,240,324

MOLDED PLASTIC BOX

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Filed July 2, 1962, Ser. No. 206,918

22 Claims. (Cl. 206—16)

The present invention relates to a molded plastic box, and it particularly relates to a molded plastic box having a shaver construction.

It is among the objects of the present invention to provide a molded plastic box having a shaver construction in which the box when closed will form a convenient container for shipment, storage and merchandising of the shaver and which when opened will provide convenient display of the shaver for sales and merchandising purposes.

Another object is to provide a display box for an electric shaver which may be readily utilized for the ultimate consumer or user thereof to receive and carry said shaver as well as to render it available for ready usage.

A further object is to provide a container for a cordless shaver which will permit ready charging of the shaver without the necessity of opening the box.

Still further objects and advantages will appear in the more detailed description set forth below, it being understood, however, that this more detailed description is given by way of illustration and explanation only and not by way of limitation, since various changes therein may be made by those skilled in the art without departing from the scope and spirit of the present invention.

In accomplishing the above objects, it has been found most satisfactory according to the present invention to provide a box or container structure in which the top or cover portion and the bottom or container portion are provided with a hinge transverse of the bottom wall of the container with the cover portion including both the top and bottom as well as the sides of the rear portion of the box which will serve as a leg or stand.

Desirably, the hinge construction consists of coil or circular strip metal spring elements which extend across the hinge and are of semi-circular or partial circular shape engaging in slots or notches at each side of the hinge construction.

These springs are so biased as to hold the box either in fully closed position or in fully open position, and they will act as stops to limit the opening movement of the box so that the box when in opened displayed position will have its back cover portion standing substantially upright upon a horizontal support.

The interior of the box and particularly the cover portion which stands upright will normally be lined with a satin cover setting forth the name or trademark of the shaver enclosed while the lower forward section of the base of the box will have a tray with receptacles one of which receives the mirror for shaving purposes and the other of which may receive a transformer to be used in connection with the charging of the cordless shaver.

Desirably these elements are positioned side by side in readily available position, and the mirror receptacle may have a removable upper tray to receive and lock the shaver itself with suitable recesses to prevent loosening or vibration of the device and to hold it firmly in position.

The tray itself may have a forward opening which will coincide with an opening in the front of the box positioned at the location of the plug-in connections so that the shaver may be readily charged by inserting a plug through the front opening without opening the box or container.

The box is provided with a forward latch consisting of a spring leaf member which will press forward an angular

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catch member to engage the cover with a button projecting to enable convenient unlatching when pressed inwardly.

Desirably, the entire box may be molded of polystyrene or other suitable plastic including both the base and cover as well as the tray structures.

The plastic of the external base and cover of the box may be molded so as to have an external grain simulating a cloth or leather structure while the interior tray structure may be molded of white or other light colored plastic materials.

In back of the hinge, there is desirably a receptacle portion in the rear of the cover which will receive the cord and connections or accessories.

The box desirably has a 100° to 105° opening upon its hinge, and the hinge may consist of pivotally connected metal plates riveted or eyeleted to the adjacent edges of the lower portion of the box where the hinge break occurs.

The plastics which may be used are desirably of medium to high impact styrene, cellulose acetate, cellulose butyrate or acrylic resins.

With the foregoing and other objects in view, the invention consists of the novel construction, combination and arrangement of parts as hereinafter more specifically described and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which fall within the scope of the claims hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:

FIG. 1 is a top plan view of the box according to the present invention.

FIG. 2 is a bottom plan view of the box.

FIG. 3 is a side elevational view.

FIG. 4 is a front elevational view.

FIG. 5 is a top perspective view of the box in open position.

FIG. 6 is a top fragmentary perspective view of the left portion of the base tray construction showing the mirror therein.

FIG. 7 is a side elevational view of the box in open position.

FIG. 8 is a transverse vertical sectional view taken upon the line 8—8 of FIG. 1 of the box in closed position.

FIG. 9 is a transverse sectional view taken upon the line 9—9 of FIG. 1 of the box in closed position at 90° from the section of FIG. 8.

FIG. 10 is a top perspective view showing the hinge construction removed from the box upon an enlarged scale.

FIG. 10a is a fragmentary transverse sectional view taken upon the line 10a—10a of FIG. 10 showing the spring hinge construction.

FIG. 11 is a separated perspective view of the forward construction.

Referring to FIGS. 1 to 4, there is shown a box having a top cover portion A and a bottom base portion B with the short legs C.

The hinge structure D is shown separately in FIG. 10 and it will be noted that it extends across the base of the box substantially forward of the rear portion thereof as indicated in FIG. 2 so as to form a rear receptacle element E (see particularly FIGS. 7 and 8) in which the rear receptacle element may be placed, these accessories being the cord, cleaning brush and the like.

The rear receptacle E may be enclosed by suitable cardboard or plastic enclosure F (see FIGS. 5 and 8).

The main tray structure G has a receptacle H for the transformer J indicated in dot and dash lines at the right

of FIG. 5, and it also has a receptacle portion K which may receive a mirror L in the bottom thereof.

This receptacle portion K desirably has an auxiliary tray M in which may be positioned the shaver body itself so that it will be held above and out of contact with the mirror L and out of contact with the receptacle K at the left hand side of the main tray as shown in FIG. 5.

The shaver body N itself is indicated by the dot and dash lines at the left of FIG. 5.

In the front of the box, there is an opening P through which electrical connection may be established with the shaver to charge the same even without removing it from the box, and this opening will extend both into the cover as well as into the base sections A and B.

The latch arrangement Q is best shown in separated view in FIG. 11, and it is shown in smaller scale in FIG. 8 in section.

Referring particularly to the box structure, the top 20 of the box has a slight curvature and slopes downwardly and forwardly toward the front of the box as indicated in FIGS. 3, 7 and 8.

The top of the box also has the downwardly divergent sides 21 and 22 with an intermediate stepped portion 23.

The forward wall of the cover A will have the downwardly and inwardly inclined portions 24 and 25, which extend down to the hinge.

On the interior of the wall in FIG. 5 there will be an inwardly extending ledge 26 for engaging the latch Q as shown in FIG. 11.

The rear portion of the box has the oblique rear walls 27 and 28 on the upper section and 29 on the lower section (see FIG. 3) which terminate in the rearwardly and downwardly projecting contacting ledge 30 which tends to support the box in open position as shown in FIG. 7.

The rear receptacle portion E of the cover of the box 20 has a base wall 31 which extends forwardly to the hinge structure D.

The receptacle portion B will have a straight bottom 32 which extends forwardly to the edge 33 which acts as the forward support when the box is open as indicated in FIG. 7.

The forward portion of the receptacle B will have the downwardly convergent sides 35 and 36.

The forward portion of the base or container B will have the upwardly inclined wall 34 which terminates in the straight edge portion 37 which carries the latch structure Q.

The latch structure is best shown in detail in FIG. 11 and it consists of two inwardly directed angular members 50 which may be molded with and extend inwardly from the interior face 51 of the front wall 37 of the base and container section B.

The removable latch member 52 itself may be molded of plastic, and it consists of a lower angular member 53 having a rearwardly projecting edge 54 with an upwardly extending portion 55 having a forwardly extending claw 56 (see FIG. 11).

The rearwardly projecting portion 54 will fit over the upper edge 57 of the central portion 58 of the leaf spring having the forwardly inclined ends 59 which lodge in back of and will be held in position by the interior ends 60 of the angular member 50.

The central spring portion 58 will contact and press against the face 61 of the angular member 53 and will tend to force the claw 56 forwardly to engage the ridge or projection 26 (see FIG. 8) which lodges under the central portion 58 to keep the box in closed position.

In this latch arrangement, the only metal elements is the metal leaf spring 58, and it may be replaced by a plastic element lodged inside the angular element 50 on the inside of the base B as shown in FIG. 11.

The hinge structure is best shown in FIG. 10 and consists of two plate elements 75 and 76 having spaced openings 78 and 79 with slots 80 and 81 which receive the C-shaped springs 82.

These C-shaped springs 82 having their inturned ends 83 and 84 turned under the plates 75 and 76, and they will limit the opening of the box as shown in FIGS. 5 and 7 to an angle of 100° to 105°.

The inturned ends 83 and 84 are received in the recessed portions 85 and 86 in the interior of the bottom walls 31 and 32 of the plastic structure (see FIG. 10a).

The tray structure is best shown in FIGS. 5, 6, 8 and 9.

The tray structure desirably consists of a thin molded plastic unit with a flat top wall 95 having the main back wall 96 which extends down to the hinge structure D as shown in FIG. 8.

The tray also has the down-turned side flanges 97 which fit inside of the side walls 35 and the forward flange 98 which fits inside of the front wall 37 to hold the lower tray in position.

The tray G in its lower recessed position will hold the mirror L, and it is provided with side recesses 99 and the curved sides 100 which will support the auxiliary tray M and hold the bottom 101 above the mirror L as indicated in FIG. 8.

The upper tray M will have an outwardly projecting ledge 102 which will fit around the top peripheral portion 103 of the receptacle portion K.

The forward portion of the upper tray M will have a passageway 104 therethrough matching the passageway 105 in the lower tray (see FIG. 5).

These passageways 104 and 105 will match the opening P so that the electrical connection will be made directly through the box when closed in the position shown in FIG. 4 to the shaver N positioned there inside to charge the same.

The upper tray M will receive the shaver body with its curved side walls 106 as shown in FIG. 9 conforming to the curved sides of the shaver and with its rear curved wall 107 and its forward wall 108 also conforming to the base of the shaver so that the shaver will be closely held in position in the tray M against movement or rattling.

The notches 109 will hold projections on the sides of the shaver body so as to aid in procuring it in position.

These recesses 109 as shown in FIGS. 5 and 8 will also position the top tray M in respect to the bottom tray N by engaging the recess 99 of FIG. 6.

The shaver may be conveniently lifted out of its box by means of the tray M giving access to the mirror L and permitting opening of the box in the position shown in FIGS. 5 and 7 so that it will enable the user to observe his face during the shaving operation.

The other receptacle H has the prong opening 102 (see FIG. 5) which enables the transformer to be located in position as shown in FIG. 5.

The recess 121 as shown in FIG. 6 in the back of the lower tray G enables the upper tray M to be readily grasped and lifted from its position in the lower tray lifting the shaver body N with it.

The open space 122 as shown in FIG. 9 will protect the mirror L from marring or being scratched by the bottom 101 of the upper tray M.

The interior of the cover as indicated at 123 may be lined with satin or velvet carrying the trademark as a back-drop to the open box as indicated in FIGS. 5 and 7, and the enclosure F may be of cardboard or plastic with the end tabs 124 and 125 (see FIG. 8) to enclose the space E which may contain any desirable accessories out of sight.

The opening 126 in the edge of said structure 125 will enable ready removal thereof from the enclosure E so as to permit access thereto.

It will be particularly noted that the access opening P as shown in FIGS. 4, 5 and 6 will extend upwardly at 135 into the cover A and at 136 into the container B and will have forwardly projecting walls so as to form a guide for insertion into an electrical conduit connection.

The edges 137 and 138 of the lower portion of the rear of the cover will contact the edges 139 and 140 of the con-

tainer when the box is closed as indicated at R in FIG. 3.

It is thus apparent that the present applicant has provided a novel mounted plastic box construction for a cordless electrical shaver which will conveniently hold a transformer and the shaver unit itself in removable trays permitting the box to be used both for display and merchandising purposes as well as a carrier and container to be used by the ultimate user or consumer.

The box has a transversely extending hinge across the base thereof so that the cover will include a rear container section to hold the electric cord and other accessories.

This rear container portion will also serve as a leg to support the forward portion of the base in elevated inclined position for display and for usage.

The front of the box will have a through passage or inlet so that the shaver may be charged by the cord without opening the box or removing the shaver body.

The mirror positioned in a recess in the lower tray permits ready use by the purchaser of the shaver without the necessity of going to a washroom or using a mirror apart from the unit.

The through front opening permits charging of the shaver directly in position without removal from the plastic box or without opening of the box.

The C-shaped springs on the hinge structure is shown in FIG. 10 and will limit the opening of the box to the position shown in FIGS. 5 and 7 for either display or use.

The trays will permit ready handling of the shaver unit and permit it to be elevated from the assembly and removed, and at the same time will hold it firmly when the box is closed.

The lining on the interior of the cover is designed to press down on the top faces of the shaver N and the transformer J and also to hold them in position when the plastic box is closed.

The latch arrangement in the front of the box will assure that the box will be kept closed and the fact the front walls 25 and 37 are inclined inwardly will prevent the latch from inadvertently being opened since it will be positioned in the recess between the inwardly directed walls 25 and 37.

The transformer J in its receptacle H will be readily available when needed and may be positioned against looseness by insertion of its prongs.

As many changes could be made in the above molding plastic box, and many widely different embodiments of this invention could be made without departing from the scope of the claims, it is intended that all matter contained in the above description shall be interpreted as illustrative and not in a limiting sense.

Having now particularly described and ascertained the nature of the invention, and in what manner the same is to be performed, what is claimed is:

1. A hinged molded plastic box for an electric shaver having a base container and a cover having a rear auxiliary container and stand element, removable upper and lower trays in said base container, a mirror, a transformer and a shaver carried in said trays, each of said tray having elevated peripheral supporting lips and interior recesses to receive said mirror, said transformer and said shaver, said container and cover having bottom walls constituting the bottom wall of the box and a transverse hinge extending across the bottom of the box connecting said bottom walls of the base container and auxiliary container, said box when opened having its cover standing upright and the base container facing upwardly and forwardly, said rear container and cover being integral with each other and having forward side and front walls with lower horizontal abutting edges and rear walls with forward oblique abutting edges and said base container having forward side and front walls with upper horizontal abutting edges and said forward side walls having rear oblique abutting edges and said rear container and said base container having adjacent transverse hinge edges carrying the transverse hinge, said upper and lower trays

being superimposed and a through horizontal rectangular opening extending through said front walls and through both of said trays to enable charging of said razor without removal of said razor from the closed box.

2. A hinged molded plastic box for an electric shaver having a base container and a cover having a rear auxiliary container and stand element, removable upper and lower trays in said base container, a mirror, a transformer and a shaver carried in said trays, each of said trays having elevated peripheral supporting lips and interior recesses to receive said mirror, said transformer and said shaver, said container and cover having bottom walls constituting the bottom wall of the box and a transverse hinge extending across the bottom of the box connecting said bottom walls of the base container and auxiliary container, said box when opened having its cover standing upright and the base container facing upwardly and forwardly, said hinge structure connected to both bottom walls and extending transversely across the hinge, said rear container and cover being integral with each other and having forward side and front walls with lower horizontal abutting edges and rear walls with forward oblique abutting edges and said base container having forward side and front walls with upper horizontal abutting edges and said forward side walls having rear oblique abutting edges and said rear container and said base container having adjacent transverse hinge edges carrying the transverse hinge, said upper and lower trays being superimposed and a through horizontal rectangular opening extending through said front walls and through both of said trays to enable charging of said razor without removal of said razor from the closed box.

3. A hinged molded plastic box for an electric shaver having a base container and a cover having a rear auxiliary container and stand element, removable upper and lower trays in said base container, a mirror, a transformer and a shaver carried in said trays, each of said trays having elevated peripheral supporting lips and interior recesses to receive said mirror, said transformer and said shaver, said container and cover having bottom walls constituting the bottom wall of the box and a transverse hinge extending across the bottom of the box connecting said bottom walls of the base container and auxiliary container, said box when opened having its cover standing upright and the base container facing upwardly and forwardly, said box having recessed front portion and a latch positioned in said recessed front portion protected by the recessed portion from inadvertent opening, said rear container and cover being integral with each other and having forward side and front walls with lower horizontal abutting edges and rear walls with forward oblique abutting edges and said base container having forward side and front walls with upper horizontal abutting edges and said forward side walls having rear oblique abutting edges and said rear container and said base container having adjacent transverse hinge edges carrying the transverse hinge, said upper and lower trays being superimposed and a through horizontal rectangular opening extending through said front walls and through both of said trays to enable charging of said razor without removal of said razor from the closed box.

4. A hinged molded plastic box for an electric shaver having a base container and a cover having a rear auxiliary container and stand element, removable upper and lower trays in said base container, a mirror, a transformer and a shaver carried in said trays, each of said trays having elevated peripheral supporting lips and interior recesses to receive said mirror, said transformer and said shaver, said container and cover having bottom walls constituting the bottom wall of the box and a transverse hinge extending across the bottom of the box connecting said bottom walls of the base container and auxiliary container, said box when opened having its cover standing upright and the base container facing upwardly and forwardly, said base element having said removable trays

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arranged for carrying said shaver and a transformer in side by side relationship, said rear container and cover being integral with each other and having forward side and front walls with lower horizontal abutting edges and rear walls with forward oblique abutting edges and said base container having forward side and front walls with upper horizontal abutting edges and said forward side walls having rear oblique abutting edges and said rear container and said base container having adjacent transverse hinge edges carrying the transverse hinge, said upper and lower trays being superimposed and a through horizontal rectangular opening extending through said front walls and through both of said trays to enable charging of said razor without removal of said razor from the closed box.

5. A hinged molded plastic box for an electric shaver having a base container and a cover having a rear auxiliary container and stand element, removable upper and lower trays in said base container, a mirror, a transformer and a shaver carried in said trays, each of said trays having elevated peripheral supporting lips and interior recesses to receive said mirror, said transformer and said shaver, said container and cover having bottom walls constituting the bottom wall of the box and a transverse hinge extending across the bottom of the box connecting said bottom walls of the base container and auxiliary container, said box when opened having its cover standing upright and the base container facing upwardly and forwardly, said box having through openings through the front thereof to permit electrical conduits to be attached to the shaver when enclosed in the box, said rear container and cover being integral with each other and having forward side and front walls with lower horizontal abutting edges and rear walls with forward oblique abutting edges and said base container having forward side and front walls with upper horizontal abutting edges and said forward side walls having rear oblique abutting edges and said rear container and said base container having adjacent transverse hinge edges carrying the transverse hinge, said upper and lower trays being superimposed and a through horizontal rectangular opening extending through said front walls and through both of said trays to enable charging of said razor without removal of said razor from the closed box.

6. A hinged molded plastic box for an electric shaver having a base container and a cover having a rear auxiliary container and stand element, removable upper and lower trays in said base container, a mirror, a transformer and a shaver carried in said trays, each of said trays having elevated peripheral supporting lips and interior recesses to receive said mirror, said transformer and said shaver, said container and cover having bottom walls, constituting the bottom wall of the box and a transverse hinge extending across the bottom of the box connecting said bottom walls of the base container and auxiliary container, said box when opened having its cover standing upright and the base container facing upwardly and forwardly, and a removable enclosure for said auxiliary container having upper and lower intumed flanges contacting the top and bottom walls of the auxiliary container, said rear container and cover being integral with each other and having forward side and front walls with lower horizontal abutting edges and rear walls with forward oblique abutting edges and said base container having forward side and front walls with upper horizontal abutting edges and said forward side walls having rear oblique abutting edges and said rear container and said base container having adjacent transverse hinge edges carrying the transverse hinge, said upper and lower trays being superimposed and a through horizontal rectangular opening extending through said front walls and through both of said trays to enable charging of said razor without removal of said razor from the closed box.

7. A hinged molded plastic box for an electric shaver having a base container and a cover having a rear auxil-

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iliary container and stand element, removable upper and lower trays in said base container, a mirror, a transformer and a shaver carried in said trays, each of said trays having elevated peripheral supporting lips and interior recesses to receive said mirror, said transformer and said shaver, said container and cover having bottom walls, constituting the bottom wall of the box and a transverse hinge extending across the bottom of the box connecting said bottom walls of the base container and auxiliary container, said box when opened having its cover standing upright and the base container facing upwardly and forwardly, said container having a lower tray carrying a mirror and an upper tray carrying a shaver, said lower tray being removable from said upper tray to uncover the mirror and permit use of the shaver, said rear container and cover being integral with each other and having forward side and front walls with lower horizontal abutting edges and rear walls with forward oblique abutting edges and said base container having forward side and front walls with upper horizontal abutting edges and said forward side walls having rear oblique abutting edges and said rear container and said base container having adjacent transverse hinge edges carrying the transverse hinge, said upper and lower trays being superimposed and a through horizontal rectangular opening extending through said front walls and through both of said trays to enable charging of said razor without removal of said razor from the closed box.

8. A molded plastic transversely hinged electric razor display and carrying box comprising when closed bottom, top, side, front and back walls and having an integral cover including a back receptacle, and a lower tray, said tray having formed of the lower portion of the front wall and the forward portion of the bottom wall and the forward portions of the lower side walls, said forward portions of the side and front walls having top abutting edges, and said lower side wall portions having oblique abutting edges extending forwardly and upwardly and said bottom wall portion being a rear hinge edge, and said cover having rear portions of the lower side walls with obliquely upwardly extending abutting edges, a rear portion of the bottom wall with a forward hinge edge and the entire back and top walls and also the upper forward portions of the side walls and the upper portion of the front wall with abutting lower edges, said abutting lower edges contacting the top abutting edges of the tray when the box is closed and a transverse hinge having hinge plates mounted on the interior of the bottom wall and on the interior portions of the bottom adjacent the hinge edges, and C-shaped spring portions extending across said hinge having intumed reversely bent legs and recesses in said plates and in said interior portions to receive legs below said hinge plates, upper and lower superimposed removable trays in said lower tray each having peripheral elevated supporting lips engaging the side and front walls of the lower tray, a mirror and a transformer carried in the lower tray and a razor carried in the upper tray and a through opening through the front walls and through both trays to the razor.

9. The box of claim 8, said lower tray having said interior removable tray extending between the hinge and the front wall and mounted on the interior portion of the lower portion of the front and side walls adjacent their top abutting edges.

10. The box of claim 9, said lower removable tray carrying said upper additional razor carrying tray, said additional removable tray being shaped to carry said electric razor and an opening in the front wall extending into both the upper and lower portions to enable charging of said razor without removal of the razor from the closed box.

11. The box of claim 8, the inside portion of said front wall having intumed angular members molded in-

tegrally therewith and a transverse front catch held in position by said inturned angular members.

12. The box of claim 11, said catch consisting of an elongated leaf spring held in position by said angular members and an angular catch member biased into latching position by said leaf spring.

13. The box of claim 8, said back receptacle having a cover extending vertically when the box is closed across the back receptacle and inside of said oblique abutting edges and said cover having rearwardly turned upper and lower flanges to hold it in position contacting the bottom and top walls and said cover having lower recesses to receive said C-shaped spring portions.

14. A molded transversely hinged plastic box for display and utilization of an electric razor when closed having a relatively flat bottom wall and side, back, front and top walls, and comprising a cover and a bottom tray, said cover having a top forward cover portion and a rearwardly extending integral base receptacle having a base wall, a transverse hinge extending across the flat bottom between and connecting the tray and base receptacle, the tray having a base wall terminating at its rear edge at the forward edge of the base wall of the base receptacle, and said base walls constituting when the box is closed said flat bottom wall and said base receptacle having rear side walls and said tray having forward side walls and said side walls having oblique edges abutting and contacting each other when the box is closed and extending obliquely forwardly and upwardly and extending obliquely forwardly and rearwardly away from each other when the box is open and joining together at said hinge, the rear portion of said tray terminating short of and not extending into said base receptacle and said base receptacle being formed from the rear portions of said bottom, side and top walls and said tray being formed of the forward lower portions of said side and bottom walls and C-shaped spring members to engage and extend across said hinge inside of the adjacent portions of the base walls, and a removable tray carried in said bottom tray, said removable tray having an elevated peripheral lip supported on the side walls of the bottom tray and a razor removably supported in the removable tray and a recess extending through the front wall to permit a charging connection to be made to said razor without opening said box.

15. A molded transversely hinged plastic box for display and utilization of an electric razor when closed having a relatively flat bottom wall and side back, front and top walls, and comprising a cover and a bottom tray, said cover having a top forward cover portion and a rearwardly extending integral base receptacle having a base wall, a transverse hinge extending across the flat bottom between and connecting the tray and base receptacle, the tray having a base wall terminating at its rear edge at the forward edge of the base wall of the base receptacle, and said base walls constituting when the box is closed said flat bottom wall and said base receptacle having rear side walls and said tray having forward side walls and said side walls having oblique edges abutting and contacting each other when the box is closed and extending obliquely forwardly and upwardly and extending obliquely forwardly and rearwardly away from each other when the box is open and joining together at said hinge, the rear portion of said tray terminating short of and not extending into said base receptacle and said base receptacle being formed from the rear portions of said bottom, side and top walls and said tray being formed of the forward lower portions of said side and bottom walls and C-shaped spring members to engage and extend across said hinge inside of the adjacent portions of the base walls, said spring members having their inturned legs extending under the hinge and recessed into the adjacent portions of the base walls and said hinge having hinge plates extending along said base walls at said transverse hinge, and a removable tray carried in said bottom tray, said remov-

able tray having an elevated peripheral lip supported on the side walls of the bottom tray and a razor removably supported in the removable tray and a recess extending through the front wall to permit a charging connection to be made to said razor without opening said box.

16. A molded transversely hinged plastic box for display and utilization of an electric razor when closed having a relatively flat bottom wall and side back, front and top walls, and comprising a cover and a bottom tray, said cover having a top forward cover portion and a rearwardly extending integral base receptacle having a base wall, a transverse hinge extending across the flat bottom between and connecting the tray and base receptacle, the tray having a base wall terminating at its rear edge at the forward edge of the base wall of the base receptacle, and said base walls constituting when the box is closed said flat bottom wall and said base receptacle having rear side walls and said tray having forward side walls and said side walls having oblique edges abutting and contacting each other when the box is closed and extending obliquely forwardly and upwardly and extending obliquely forwardly and rearwardly away from each other when the box is open and joining together at said hinge, the rear portion of said tray terminating short of and not extending into said base receptacle and said base receptacle being formed from the rear portions of said bottom, side and top walls and said tray being formed of the forward lower portions of said side and bottom walls and C-shaped spring members to engage and extend across said hinge inside of the adjacent portions of the base walls, said tray having superimposed removable trays received therein, a lower tray carrying a mirror and a transformer in side by side relationship, said upper tray having an elevated peripheral lip supported by the side walls of the tray and having recesses arranged in the side by side relationship, a mirror in one recess and a transformer in the other recess and an upper tray carrying a razor and a recess extending through the front wall to permit a charging connection to be made to said razor without opening said box and said upper tray having an elevated lip portion supported at the periphery of the mirror recess of the upper tray and a razor carried in said upper tray.

17. A molded transversely hinged plastic box for display and utilization of an electric razor when closed having a relatively flat bottom wall and side back, front and top walls, and comprising a cover and a bottom tray, said cover having a top forward cover portion and a rearwardly extending integral base receptacle having a base wall, a transverse hinge extending across the flat bottom between and connecting the tray and base receptacle, the tray having a base wall terminating at its rear edge at the forward edge of the base wall of the base receptacle, and said base walls constituting when the box is closed said flat bottom wall and said base receptacle having rear side walls and said tray having forward side walls and said side walls having oblique edges abutting and contacting each other when the box is closed and extending obliquely forwardly and upwardly and extending obliquely forwardly and rearwardly away from each other when the box is open and joining together at said hinge, the rear portion of said tray terminating short of and not extending into said base receptacle and said base receptacle being formed from the rear portions of said bottom, side and top walls and said tray being formed of the forward lower portions of said side and bottom walls and C-shaped spring members to engage and extend across said hinge inside of the adjacent portions of the base walls, said base receptacle acting as an upwardly and rearwardly inclined base leg and when the box is opened forming an acute angle in respect to said tray and the rear end of said tray terminating forward of and not projecting into said base receptacle, and a removable tray carried in said bottom tray, said removable tray having an elevated peripheral lip supported on the side walls of the bottom

tray and a razor removably supported in the removable tray and a recess extending through the front wall to permit a charging connection to be made to said razor without opening said box.

18. A molded plastic box for carrying an electric shaver, a mirror and transformer having top cover portion, a rear container portion and a bottom display tray portion, each portion having side front and back obliquely sloping walls and the top and rear portions being integral and having top and bottom walls and the tray portion having a bottom wall and a hinge extending transversely across the bottom walls and connecting the bottom walls of the rear and tray portions, upper and lower removable trays in the tray portions having recesses for receiving said shaver, mirror and transformer, a shaver, mirror and transformer therein, said upper and lower trays having peripheral elevated supporting lips and a through opening through front walls and the trays to the shaver.

19. The box of claim 18, said upper tray having a recess shaped to conform to the razor and said lower trays having side by side recesses shaped to conform to the mirror and the transformer.

20. The box of claim 18, said lower tray having the bottom of a recess formed by said mirror and said upper tray covering said recess.

21. The box of claim 18, said opening being rectangular and having an outwardly projecting lip.

22. The box of claim 18, a latch comprising a later-

ally elongated resilient strap and molded members holding said strap in position on one portion, a toothed member projecting from said strap and an engaging member on the other portion.

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