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(54) **COMPACT BATTERY PACKAGE**

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(57) **ABSTRACT**

A battery package comprising a rear member and a front member pivotally connected to the rear member. The package has a closed position wherein the front member is engaged with the rear member and defines an interior space therebetween. The package also includes an open position allowing access to the interior space. Batteries are located in the space. The package includes support structure for supporting the batteries in the interior space. The rear member includes a foot allowing the package to stand substantially upright on a horizontal surface. A projection having an aperture extending from the front member and the rear member allows the package to be hung on a rod. The package can alternatively be positioned on the horizontal surface and be hung on a rod for display purposes. The package can also include a resealable closure allowing the package to be maintained in the closed position.

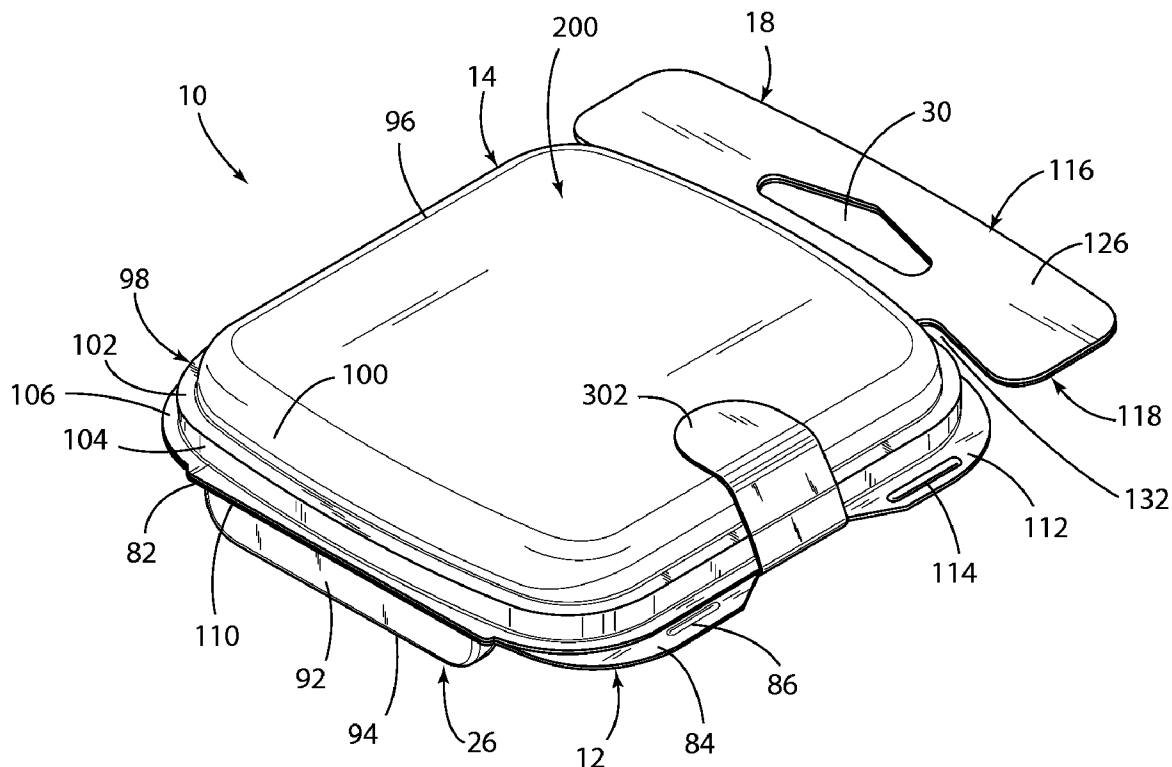
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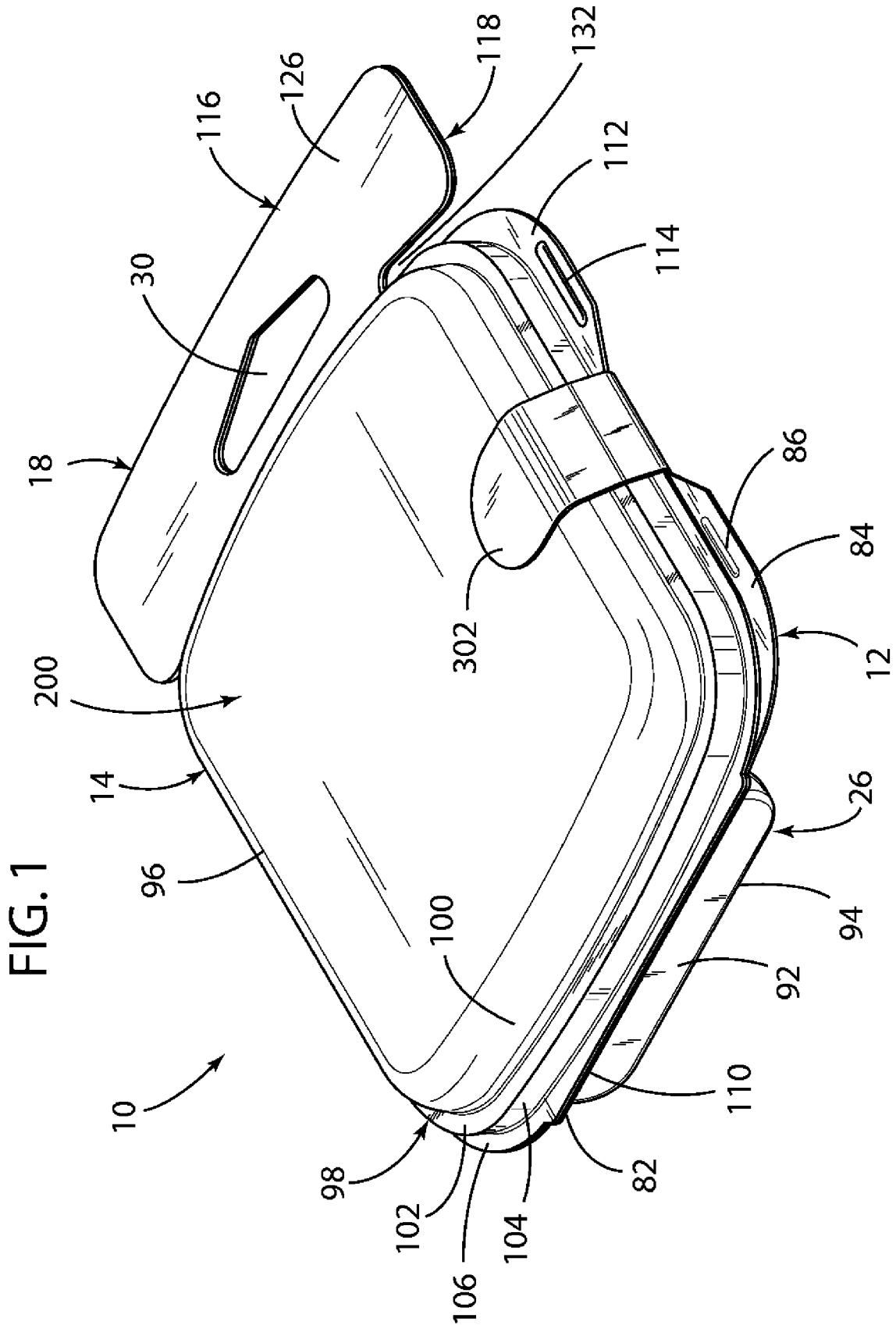
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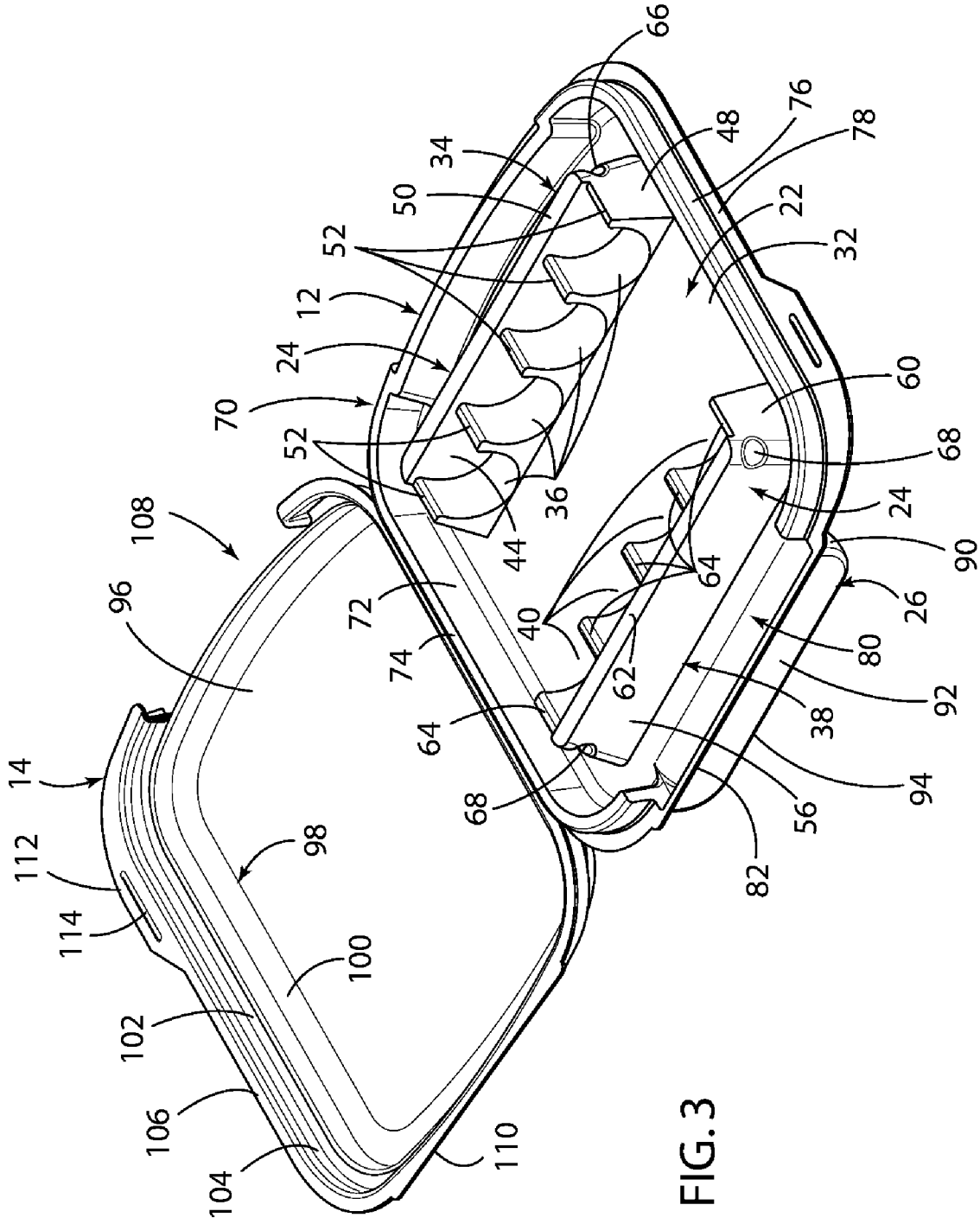


FIG. 3

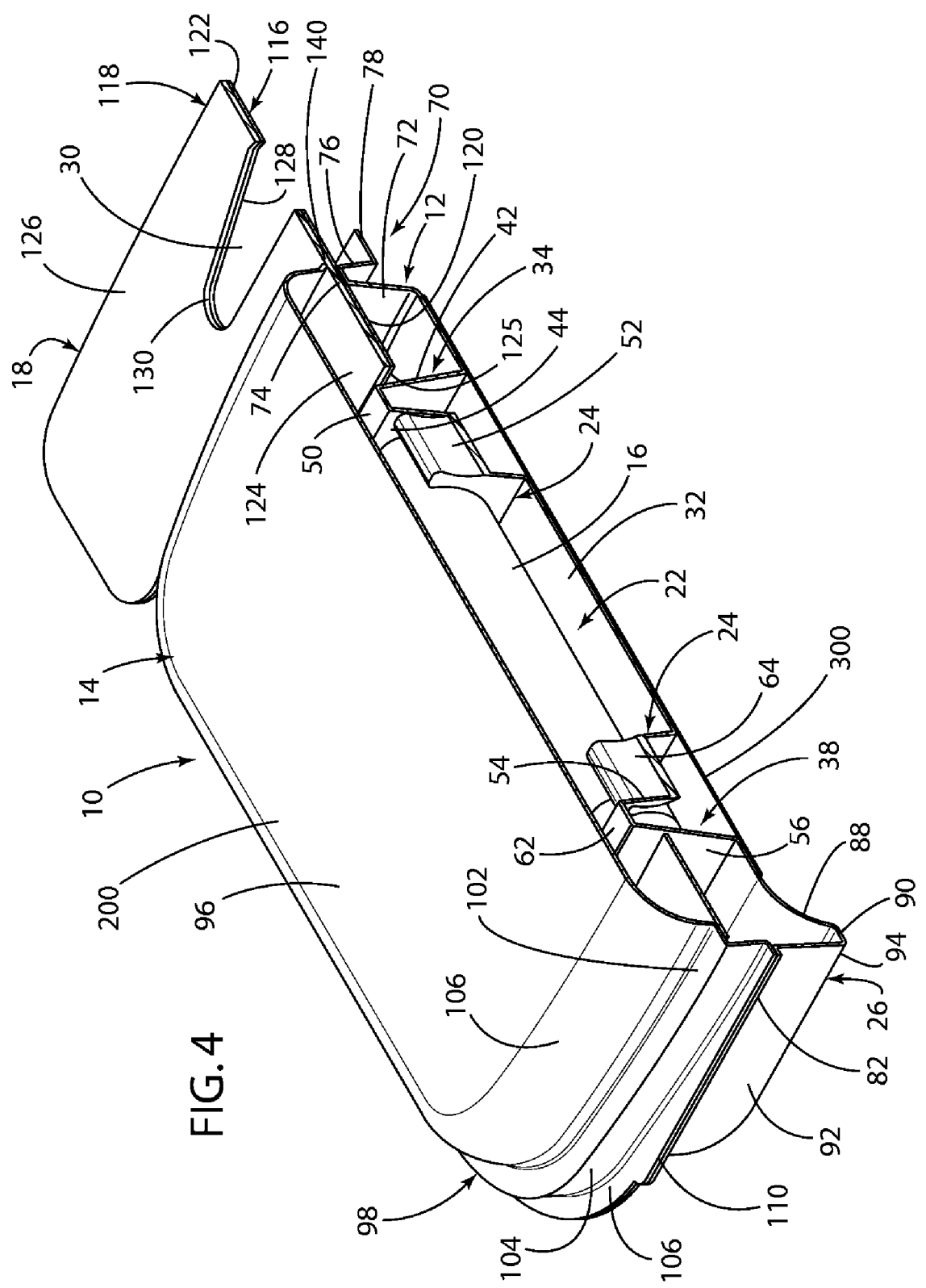


FIG. 4

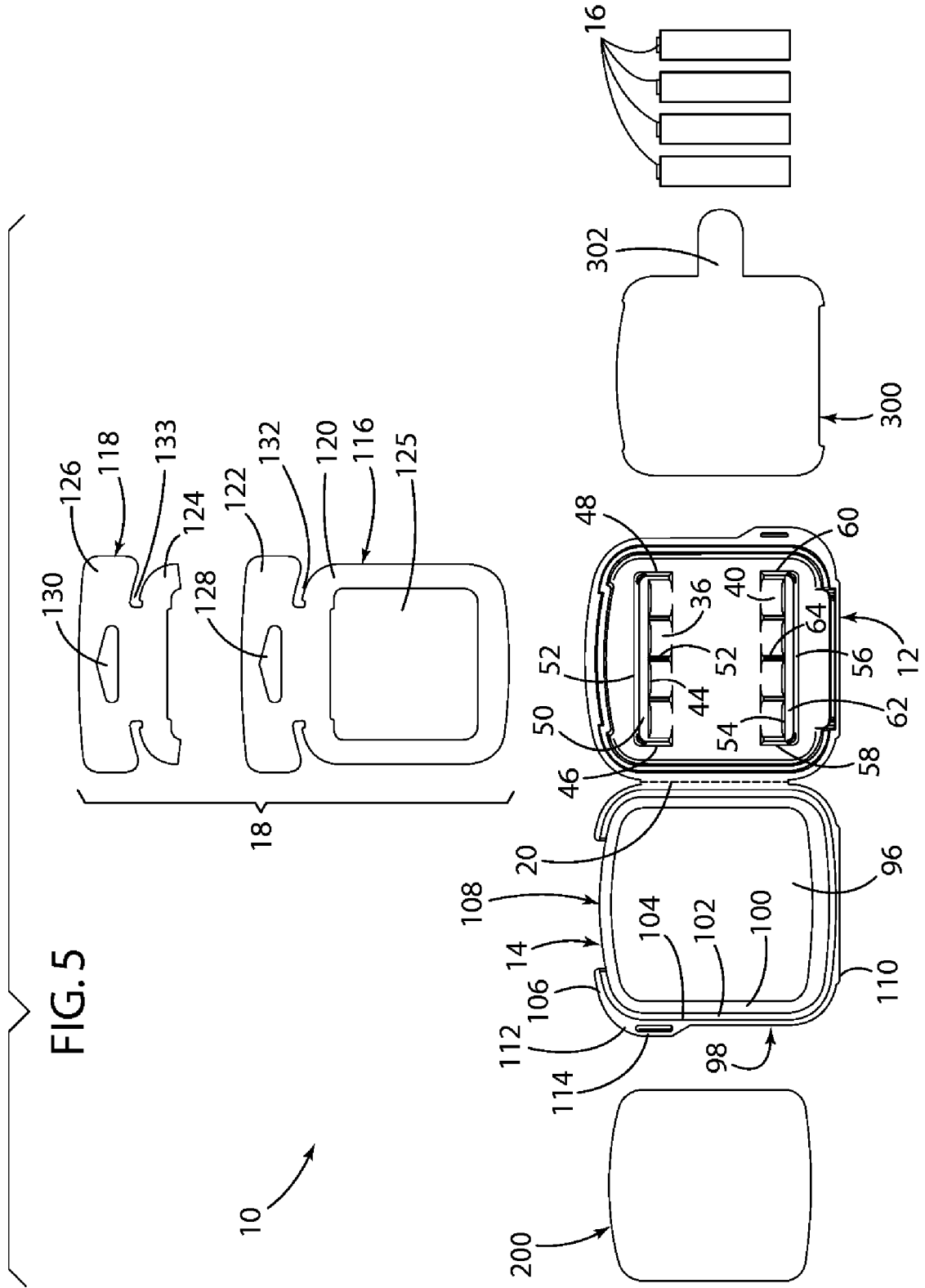


FIG. 6

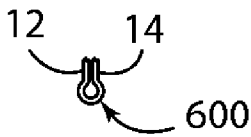
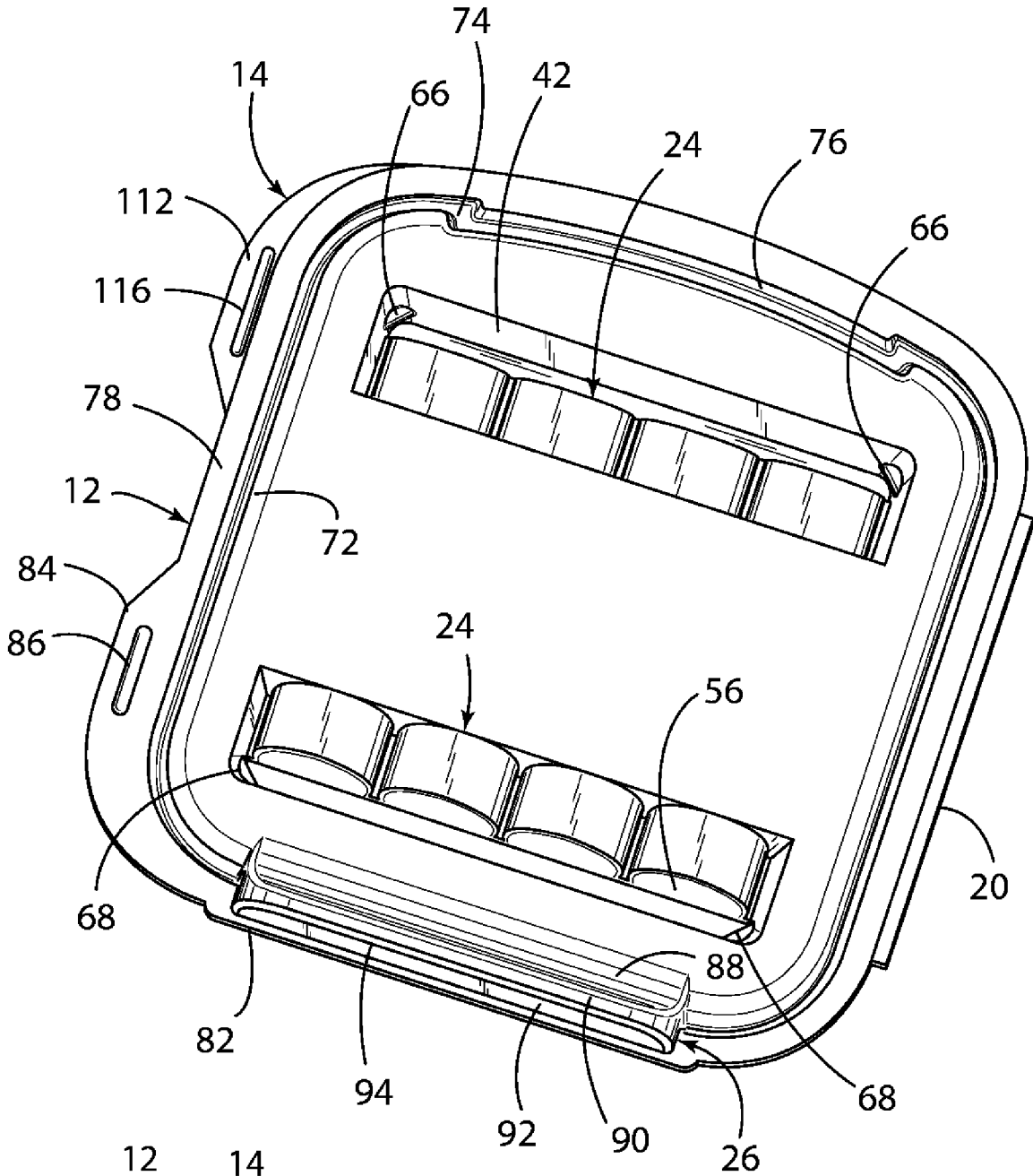


FIG. 7

COMPACT BATTERY PACKAGE

FIELD OF THE INVENTION

[0001] The present invention relates to packaging, and in particular to packaging for batteries.

SUMMARY OF THE PRESENT INVENTION

[0002] An aspect of the present invention is to provide a battery package comprising a rear member and a front member pivotally connected to the rear member. The front member is pivotable about the rear member at a pivot, with the battery package having a closed position wherein the front member is engaged with the rear member and defining an interior space therebetween and with the battery package also including an open position allowing access to the interior space. Batteries are located in the interior space. At least one of the front member and the rear member includes support structure for supporting the batteries in the interior space. The rear member includes a foot allowing the battery package to stand substantially upright on a horizontal surface. A projection extends from the front member and the rear member, the projection having an aperture for allowing the battery package to be hung on a rod. The battery package can alternatively be positioned on the horizontal surface and be hung on a rod for display purposes.

[0003] Another aspect of the present invention is to provide a battery package comprising a rear member and a front member pivotally connected to the rear member. The front member is pivotable about the rear member at a pivot, with the battery package having a closed position wherein the front member is engaged with the rear member and defining an interior space therebetween. The battery package also includes an open position allowing access to the interior space. Batteries are in the interior space. At least one of the front member and the rear member includes support structure for supporting the batteries in the interior space. The battery package also includes a hanger projection extending from the front member and the rear member, with the hanger projection having an aperture for allowing the battery package to be hung on a rod. The hanger projection is separate from the front member and the rear member such that the hanger projection can be removed from the battery package once the battery package is moved to the open position. A resealable closure allows the front member and the rear member to be maintained in the closed position.

[0004] Yet another aspect of the present invention is to provide a battery package comprising a rear member and a front member pivotally connected to the rear member. The front member is pivotable about the rear member at a pivot, with the battery package having a closed position wherein the front member is engaged with the rear member and defining an interior space therebetween. The battery package also includes an open position allowing access to the interior space. Batteries are in the interior space. The rear member includes support structure for supporting the batteries in the interior space. The rear member also includes a foot allowing the battery package to stand substantially upright on a horizontal surface. A hanger projection extends from the front member and the rear member, with the hanger projection having an aperture for allowing the battery package to be hung on a rod. The hanger projection is separate from the front member and the rear member such that the hanger projection can be removed from the battery package once the

battery package is moved to the open position. A resealable closure allows the front member and the rear member to be maintained in the closed position. The battery package can alternatively be positioned on the horizontal surface and be hung on a rod for display purposes.

[0005] These and other aspects, objects, and features of the present invention will be understood and appreciated by those skilled in the art upon studying the following specification, claims, and appended drawings.

BRIEF DESCRIPTION OF DRAWINGS

[0006] FIG. 1 is a perspective view of a battery package of the present invention in a closed configuration.

[0007] FIG. 2 is a side view of the battery package of the present invention in the closed configuration.

[0008] FIG. 3 is a perspective view of a front member and a rear member of the battery package of the present invention in an open configuration.

[0009] FIG. 4 is a cross-sectional perspective view of the battery package of the present invention in the closed configuration.

[0010] FIG. 5 is an exploded front view of the battery package of the present invention in the open position.

[0011] FIG. 6 is rear perspective view of the front member and the rear member of the battery package of the present invention in the closed position.

[0012] FIG. 7 is a close-up view of a pivot between the front member and the rear member of the battery package of the present invention.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

[0013] For purposes of description herein, the terms "upper," "lower," "right," "left," "rear," "front," "vertical," "horizontal," and derivatives thereof shall relate to the invention as orientated in FIG. 1. However, it is to be understood that the invention may assume various alternative orientations, except where expressly specified to the contrary. It is also to be understood that the specific devices and processes illustrated in the attached drawings, and described in the following specification are simply exemplary embodiments of the inventive concepts defined in the appended claims. Hence, specific dimensions and other physical characteristics relating to the embodiments disclosed herein are not to be considered as limiting, unless the claims expressly state otherwise.

[0014] The reference number 10 (FIGS. 1, 2, 4 and 5) generally designates a battery package embodying the present invention. In the illustrated example, the battery package 10 comprises a rear member 12, a front member 14 pivotally connected to the rear member 12, batteries 16 and a projection 18 extending from the front member 14 and the rear member 12. The front member 14 is pivotable about the rear member 12 at a pivot 20, with the battery package 10 having a closed position (FIGS. 1-2) wherein the front member 14 is engaged with the rear member 12 and defining an interior space 22 therebetween. The battery package 10 also includes an open position (FIGS. 3 and 5) allowing access to the interior space 22. The batteries 16 are in the interior space 22. At least one of the front member 14 and the rear member 12 include support structure 24 for supporting the batteries 16 in the interior space 22. The rear member 12 includes a foot 26 allowing the battery package 10 to stand substantially upright

on a horizontal surface 28 (see FIG. 2). The projection 18 extends from the front member 14 and the rear member 12, with the projection 18 having an aperture 30 for allowing the battery package 10 to be hung on a rod. Therefore, the battery package 10 can alternatively be positioned on the horizontal surface 28 and be hung on a rod for display purposes.

[0015] The illustrated batteries 16 within the battery package 10 can comprise electrochemical cells for supplying voltage to battery powered devices. The batteries 16 can comprise any of the popular alkaline or lithium cells of the generally cylindrical shape that are commercially available in industry-recognized, standard sizes, including D-, C-, AA-, AAA-, and AAAA-size cells, as well as other sizes and configurations (e.g., 9 volt batteries). Alternatively, disc-shaped batteries commercially available for small electrically operated devices, such as hearing aids, could be used. In the illustrated embodiment, the battery package 10 includes four aligned cylindrical batteries 16 therein. However, it is contemplated that the battery package 10 could include any number of batteries 16 therein. Furthermore, it is contemplated that the battery package 10 could include different batteries 16 and/or a plurality of different size batteries 16.

[0016] In the illustrated example, the rear member 12 includes the support structure 24 for supporting the batteries 16. However, it is contemplated that the front member 14 could include the support structure 24 for supporting the batteries 16 or that the front member 14 and the rear member 12 could each have support structure and work in combination to support the batteries 16 in the interior space 22.

[0017] The illustrated rear member 12 includes a substantially planar rear wall 32 having the support structure 24 thereon. The support structure 24 includes a top wall 34 having a plurality of battery receiving upper slots 36 and a bottom wall 38 having a plurality of battery receiving lower slots 40. The top wall 34 has a top face 42, a bottom face 44, a first side face 46, a second side face 48 and an end face 50 substantially parallel to the rear wall 32. The battery receiving upper slots 36 are defined by a plurality of ridges 52 extending from and connected to the bottom face 44 of the top wall 34, with the battery receiving upper slots 36 being located between the ridges 52. In the illustrated embodiment, the top wall 34 includes five ridges 52 defining four battery receiving upper slots 36. However, it is contemplated that any number of ridges 52 and battery receiving upper slots 36 could be employed. For example, while in the illustrated example one ridge 52 is located between each of the battery receiving upper slots 36, it is contemplated that each ridge 52 could only define one side of only one battery receiving upper slots 36 (as opposed to the illustrated middle three ridges 52, which define one side of two battery receiving upper slots 36 (see FIG. 3)). It is contemplated that the top wall 34 could include at least one indentation 66 at a corner between the top face 42 and each of the first side face 46 and the second side face 48 for providing support and strengthening the top wall 34.

[0018] In the illustrated example, the bottom wall 38 can be a substantial mirror image of the top wall 34. The bottom wall 38 can include a top face 54, a bottom face 56, a first side face 58, a second side face 60 and an end face 62 substantially parallel to the rear wall 32. The battery receiving lower slots 40 are defined by a plurality of ridges 64 extending from and connected to the top face 54 of the bottom wall 38, with the battery receiving lower slots 40 being located between the ridges 64. In the illustrated embodiment, the bottom wall 38 includes five ridges 64 defining four battery receiving lower

slots 40. However, it is contemplated that any number of ridges 64 and battery receiving lower slots 40 could be employed. For example, while in the illustrated example one ridge 64 is located between each of the battery receiving lower slots 40, it is contemplated that each ridge 64 could only define one side of only one of the battery receiving lower slots 40 (as opposed to the illustrated middle three ridges 64, which define one side of two battery receiving lower slots 40 (see FIG. 3)). It is contemplated that the bottom wall 38 could include at least one indentation 68 at a corner between the bottom face 56 and each of the first side face 58 and the second side face 60 for providing support and strengthening the bottom wall 38. It is further contemplated that the bottom wall 38 could include a configuration that is different than a mirror image of the top wall 34 (e.g., having a different ridge configuration than the top wall 34).

[0019] Each of the illustrated battery receiving upper slots 36 are aligned with one of the battery receiving lower slots 40, with one of the battery receiving upper slots 36 accepting a top of a battery 16 and an aligned one of the battery receiving lower slots 40 accepting a bottom of a battery 16 to maintain the battery 16 within the interior space 22. In the illustrated example, each of the battery receiving upper slots 36 and battery receiving lower slots 40 extend for more than 180°, thereby allowing the batteries to snap into the battery receiving upper slots 36 and battery receiving lower slots 40 and be maintained within the battery receiving upper slots 36 and battery receiving lower slots 40. The tops of the ridges 52 and 64 will be able to deflect to allow the batteries 16 to be removed from the battery receiving upper slots 36 and battery receiving lower slots 40. While the batteries 16 are illustrated as being supported by the support structure 24 in a substantially vertical position, it is contemplated that the support structure 24 could be orientated such that the batteries 16 are supported in a horizontal position. Furthermore, it is contemplated that the support structure 24 could have a different configuration than that outlined herein. For example, the support structure 24 could compress ends of the batteries 16 to maintain the batteries 16 using the support structure 24 (either with or without touching or engaging side of the batteries 16). Moreover, it is contemplated that the support structure could only maintain the batteries 16 in position when the battery package 10 is in the closed position.

[0020] In the illustrated example, the rear member 12 includes a stepped periphery 70 surrounding the substantially planar rear wall 32. The stepped periphery 70 comprises a peripheral wall 72 substantially surrounding the substantially planar rear wall 32, a substantially planar top step 74 at a top end of the peripheral wall 72, an outside wall 76 extending downward from the top step 74 and a peripheral flange 78 extending outwardly from a bottom of the outside wall 76. As illustrated in FIG. 3, the peripheral wall 72 is connected to the border of the substantially planar rear wall 32 except for a bottom center portion of the substantially planar rear wall 32, where the stepped periphery 70 is interrupted at an interruption 80. The peripheral wall 72 can be flared outwardly (relative to the periphery of the substantially planar rear wall 32), flared inwardly or substantially perpendicular to the substantially planar rear wall 32. The top step 74 is connected to the top end of the peripheral wall 72 (except at the interruption 80). The top step 74 can be substantially parallel to the substantially planar rear wall 32. The outside wall 76 extends downward from the top step 74 (except at the interruption 80) in a direction back towards the substantially planar rear wall

32. The outside wall **76** can be tapered inwardly such that an outside circumference of the outside wall at an end connected to the top step **74** is larger than an end of the outside wall **76** opposite the top step **74**. As discussed in more detail below, the top step **74** and the outside wall **76** work with the front member **14** for maintaining the battery package **10** in the closed position. The peripheral flange **78** is connected to the bottom of the outside wall **76**. The peripheral flange **78** can be parallel to the planar rear wall **32** and the top step **74**. As illustrated in FIG. 3, the peripheral flange **78** crosses the interruption **80**, such that the peripheral flange **78** is not interrupted. As discussed in more detail below, the peripheral flange **78** is connected to the front member **14**. The peripheral flange **78** includes a planar edge **82** located below the interruption **80** and a grip tab **84** at a side of the rear member **12** opposite the portion of the peripheral flange **78** connected to the front member **14**. The grip tab **84** can include a channel **86** for providing support and strength to the grip tab **84**.

[0021] The illustrated rear member **12** includes the foot **26** allowing the battery package **10** to stand substantially upright on the horizontal surface **28** (see FIG. 2). The foot **26** comprises an arcuate top wall **88**, a U-shaped marginal wall **90** and a bottom wall **92**. The arcuate top wall **88** extends rearwardly from a bottom of the planar rear wall **32** adjacent the interruption **80**. The bottom wall **92** extends rearwardly from a top area of the peripheral flange **78** of the stepped periphery **70**. The U-shaped marginal wall **90** extends between the arcuate top wall **88** and the bottom wall **92**. As illustrated in FIG. 2, an intersection **94** between the bottom wall **92** and the U-shaped marginal wall **90** act with the planar edge **82** of the peripheral flange **78** of the stepped periphery **70** to allow the battery package **10** to stand substantially upright on the horizontal surface **28**. It is contemplated that the foot **26** could have other configurations that allow the battery package **10** to stand substantially upright on the horizontal surface **28**. For example, the bottom wall **92** could be curved and/or have any peripheral shape, the U-shaped marginal wall **90** could be omitted and/or the top wall **88** could be planar (for example, parallel with the bottom wall **92**).

[0022] In the illustrated embodiment, the front member **14** is pivotable about the rear member **12** allowing the battery package **10** to move between the closed position and the open position. The front member **14** includes a substantially planar front wall **96** surrounded by an interrupted stepped side wall **98**. The stepped side wall **98** comprises an inner arcuate first portion **100**, a planar first step **102**, a second portion **104** and a planar second step **106**. The inner arcuate first portion **100** surrounds and is connected to an outside edge of the substantially planar front wall **96**. The planar first step **102** is connected to an end of the inner arcuate first portion **100** opposite the planar front wall **96**. The planar first step **102** is interrupted at an interruption **108** of the interrupted stepped side wall **98**. The interruption **108** is located at a top middle portion of the stepped side wall **98** as illustrated in FIG. 3. The planar first step **102** can be substantially parallel to the planar front wall **96**. The second portion **104** extends from an outside of the planar first step **102**. The second portion **104** can be tapered inwardly such that a circumference of an end of the second portion **104** connected to the planar first step **102** is larger than an end of the second portion **104** connected to the planar second step **106**. The second portion **104** is also interrupted at the interruption **108**. The planar second step **106** is connected to an end of the second portion **104** opposite the planar first step **102**. The planar second step **106** can be

substantially parallel to the planar first step **102** and the planar front wall **96**. The planar second step **106** is also interrupted at the interruption **108**. The planar second step **106** is connected to the peripheral flange **78** of the stepped periphery **70** of the rear member at the pivot **20** to allow the battery package **10** to move between the open position and the closed position. The planar second step **106** includes a planar edge **110** located at a bottom thereof to work with the planar edge **82** of the peripheral flange **78** of the stepped periphery **70** of the rear member for maintaining the battery package upright on the horizontal surface **28**. The planar second step **106** also includes a grip tab **112** at a side of the front member **14** opposite the portion of the planar second step **106** connected to the rear member **12**. The grip tab **112** can include a channel **114** for providing support and strength to the grip tab **112**.

[0023] In the illustrated example, the front member **14** is configured to be at least partially locked to the rear member **12** when the battery package **10** is in the closed position. In the illustrated embodiment, outside wall **76** of the stepped periphery **70** of the rear member **12** is configured to be accepted within second portion **104** of the interrupted stepped side wall **98** of the front member **14**. Moreover, at least one of the outside wall **76** of the stepped periphery **70** of the rear member **12** and the second portion **104** of the interrupted stepped side wall **98** of the front member **14** can be tapered towards the rear. For example, all four sides of both the outside wall **76** of the stepped periphery **70** of the rear member **12** and the second portion **104** of the interrupted stepped side wall **98** of the front member **14** can be tapered towards the rear (e.g., like the sides of a pyramid). Accordingly, when the battery package is moved to the closed configuration from the open configuration, the second portion **104** of the interrupted stepped side wall **98** of the front member **14** will snap over the outside wall **76** of the stepped periphery **70** of the rear member **12**, thereby at least partially locking the battery package **10** in the closed position.

[0024] The illustrated battery package **10** includes the projection **18** extending from the front member **14** and the rear member **12**, with the projection **18** having the aperture **30** for allowing the battery package **10** to be hung on a rod. In the illustrated example, the projection **18** can comprise a principal projection component **116** and a secondary projection component **118**. The principal projection component **116** includes a main panel portion **120** and a hanger extension **122**. The main panel portion **120** is substantially rectangular and includes a central opening **125**. The hanger extension **122** is substantially T-shaped and extends from a top of the main panel portion **120**. A bottom of the hanger extension **122** defines a neck **132** of the principal projection component **116**. The principal projection component **116** is unitary and can be formed from any material (e.g., paper or plastic). The hanger extension **122** includes a first portion **128** of the aperture **30** therein for allowing the battery package **10** to be hung on a rod in a store for display purposes as is well known to those skilled in the art. The secondary projection component **118** is substantially similar to a top portion of the principal projection component **116** and the hanger extension **122** of the principal projection component **116**. The secondary projection component **118** can therefore include a main panel portion **124** and a hanger extension **126** connected thereto. A bottom of the hanger extension **126** defines a neck **133** of the secondary projection component **118**. The hanger extension **126** includes a second portion **130** of the aperture **30** therein for allowing the battery package **10** to be hung on a rod in a

store for display purposes as is well known to those skilled in the art. It is contemplated that the projection **18** could only include the principal projection component **116** without any secondary projection component **118** or only the secondary projection component **118** without any principal projection component **116**.

[0025] FIG. 5 illustrates an exploded view of the battery package **10** during assembly of the battery package **10**. In assembling the battery package **10**, the battery package is positioned in the open position and the batteries **16** are placed within the support structure **24** as described above. The projection **18** is placed onto the rear member **12**. As illustrated in FIG. 4, when the projection **18** is placed onto the rear member **12**, the main panel portion **120** rests on the top step **74** of the stepped periphery **70** and surrounds the top wall **34** and the bottom wall **38**. Therefore, the top wall **34** and the bottom wall **38** will be located within the central opening **125** of the main panel portion **120** of the projection **18**. The secondary projection component **118** can then be placed atop the principal projection component **116**. When the front member **14** is pivoted about the pivot **20** to engage the rear member **12** to move the battery package **10** to the closed position, the projection **18** will extend out of the front member **14** and the rear member **12** through a slot **140** defined by the interruption **108** of the interrupted stepped side wall **98** of the front member **14**. Therefore, the neck **132** and the neck **133** of the projection **18** will extend out of the slot **140**.

[0026] In the illustrated embodiment, the battery package **10** can include a fastener **300** for maintaining the battery package **10** in the closed position. The fastener **300** can include a strip of material connected to the rear member **12** (see FIGS. 4 and 5). The strip of material can include a pull tab **302** extending around a side of the battery package **10** and releasably connected to the front member **14** by a releasable adhesive. The pull tab **302** can be connected to the front member **14** to maintain the battery package **10** in the closed position and the pull tab **302** has to be removed from the front member **14** or broken before the battery package **10** can be moved to the open position to allow access to the interior space **22** and the batteries **16**. It is noted that the grip tab **84** and the grip tab **112** can be easily grasped and moved away from each other to move the battery package **10** to the open position.

[0027] The illustrated battery package **10** can be easily formed and batteries can easily be packaged in the battery package **10**. It is contemplated that the front member **14** and the rear member **12** can be formed as one piece and folded relative to each other. For example, the front member **14** and the rear member **12** can be thermoformed. The batteries **16** can also be placed onto the rear member **12** and the battery package **10** can be moved to the closed configuration to thereby package the batteries **16** in the battery package **10**. It is contemplated that the pivot line between the front member **14** and the rear member **12** can be perforated or weakened to allow the elements to easily pivot relative to each other. It is also contemplated that the front member **14** and the rear member **12** could have a C-shaped pivot **600** to allow the front member **14** to easily pivot relative to the rear member **12** (see FIG. 7).

[0028] It is to be understood that variations and modifications can be made on the aforementioned structure without departing from the concepts of the present invention. For example, it is contemplated that the battery package **10** can be formed of any formable material (e.g., plastic (e.g., PETG))

and can be formed or molded in any manner. Furthermore, it is contemplated that any portion or the entire battery package **10** can be transparent, translucent or opaque. It is also contemplated that a sticker **200** can be placed on the front member **14** for advertising or informational purposes. It is further contemplated that the battery receiving upper slots **36** and the battery receiving lower slots **40** can have a radius corresponding to the surface of the batteries **16** in the battery package, could be square or any other shape depending on the batteries (e.g., square for accepting 9-volt batteries thereon), or can be vertically or horizontally orientated. Furthermore, it is contemplated that the battery package **10** can be inclined on the support surface (as illustrated in FIG. 2) or can be vertical relative to the support surface. Moreover, it is contemplated that the battery package **10** could be entirely or almost entirely covered by a shrink wrap sleeve. It is to be understood that such concepts as described herein are intended to be covered by the following claims unless these claims by their language expressly state otherwise.

1. A battery package comprising:

a rear member having a substantially planar rear wall and a stepped periphery surrounding the substantially planar rear wall, the stepped periphery comprising a peripheral flange;

a front member pivotally connected to the rear member; the front member being pivotable about the rear member at a pivot, with the battery package having a closed position wherein the front member is engaged with the rear member and defining an interior space therebetween, the battery package also including an open position allowing access to the interior space;

batteries in the interior space;

the rear member including a support structure for supporting the batteries in the interior space;

the rear member including a foot, the foot comprising an arcuate top wall, a U-shaped wall and a bottom wall, the arcuate top wall extends rearwardly from a bottom of the planar rear wall, the bottom wall extends rearwardly from a top area of the peripheral flange, and the U-shaped wall extends between the arcuate top wall and the bottom wall; and

a projection extending from the front member and the rear member, the projection having an aperture for allowing the battery package to be hung on a rod;

wherein the battery package can alternatively be positioned on the horizontal surface and be hung on a rod for display purposes.

2. The battery package of claim 1, wherein:

the projection is separate from the rear member and the front member.

3. The battery package of claim 2, wherein:

the projection comprises a principal projection component having a main panel portion and a hanger extension, wherein the main panel portion is substantially rectangular and wherein the hanger portion extends from a top of the main panel portion and includes a first portion of the aperture therein.

4. The battery package of claim 3, wherein:

the projection further comprises a secondary projection portion having an additional main panel portion and a hanger extension connected to the additional main panel portion, the hanger extension includes a second portion of the aperture therein.

- 5. The battery package of claim 1, further including: a resealable closure allowing the front member and the rear member to be maintained in the closed position.
- 6. The battery package of claim 5, wherein: the resealable closure comprises engaging surfaces of the front member and the rear member for locking the battery package in the closed configuration.
- 7. The battery package of claim 6, wherein: the engaging surfaces each form four sides of a truncated pyramid.
- 8. The battery package of claim 6, wherein: the resealable closure further includes a strip of material connected to both the front member and the rear member, with the strip of material including a pull tab extending around a side of the battery package and releasably connected to the front member by a releasable adhesive.
- 9. (canceled)
- 10. The battery package of claim 1, wherein: the support structure comprises a plurality of slots receiving the batteries therein.
- 11. The battery package of claim 10, wherein: the plurality of slots comprises a plurality of aligned slots, with each one of the batteries being located in one of the aligned slots.
- 12. The battery package of claim 11, wherein: the slots are arcuate and cover more than 180° of a circle.
- 13. The battery package of claim 1, wherein: the support structure is located on the rear member.
- 14-24. (canceled)
- 25. A battery package comprising:
 - a rear member having a substantially planar rear wall and a stepped periphery surrounding the substantially planar rear wall, the stepped periphery comprising a peripheral flange;
 - a front member pivotally connected to the rear member; the front member being pivotable about the rear member at a pivot, with the battery package having a closed position wherein the front member is engaged with the rear member and defining an interior space therebetween, the battery package also including an open position allowing access to the interior space;
 - batteries in the interior space;
 - the rear member including a support structure for supporting the batteries in the interior space;
 - the rear member including a foot comprising an arcuate top wall, a U-shaped wall and a bottom wall, the arcuate top wall extends rearwardly from a bottom of the planar rear wall, the bottom wall extends rearwardly from a top area

- of the peripheral flange, and the U-shaped wall extends between the arcuate top wall and the bottom wall;
- a hanger projection extending from the front member and the rear member, the hanger projection having an aperture for allowing the battery package to be hung on a rod, with the hanger projection being separate from the front member and the rear member such that the hanger projection can be removed from the battery package once the battery package is moved to the open position; and a resealable closure allowing the front member and the rear member to be maintained in the closed position; wherein the battery package can alternatively be positioned on the horizontal surface and be hung on a rod for display purposes.
- 26. The battery package of claim 25, wherein: the hanger projection extending out a slot located between the front member and the rear member having a portion of the aperture therein.
- 27. The battery package of claim 26, wherein: the hanger projection further comprises a secondary projection extending out the slot located between the front member and the rear member, with the secondary projection having a second portion of the aperture therein.
- 28. The battery package of claim 25, wherein: the resealable closure comprises engaging surfaces of the front member and the rear member for locking the battery package in the closed configuration.
- 29. The battery package of claim 28, wherein: the engaging surfaces each form four sides of a truncated pyramid.
- 30. The battery package of claim 28, wherein: the resealable closure further includes a strip of material connected to both the front member and the rear member, with the strip of material including a pull tab extending around a side of the battery package and releasably connected to the front member by a releasable adhesive.
- 31. (canceled)
- 32. The battery package of claim 25, wherein: the support structure comprises a plurality of slots receiving the batteries therein.
- 33. The battery package of claim 32, wherein: the plurality of slots comprises a plurality of aligned slots, with each one of the batteries being located in one of the aligned slots.
- 34. The battery package of claim 32, wherein: the slots are arcuate and cover more than 180° of a circle.

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