PORTABLE BABY SLEEP SYSTEM

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ABSTRACT
A portable baby sleep system for providing a baby bed and accessories which are transportable. There is: a base member; a wall member, foldably coupled to the base member; a flexible mattress member, foldably coupled to the base member opposite the wall member, and removably coupleable to the wall member; a first handle member, coupled to the wall member opposite the base member; a second handle member, coupled to the flexible mattress member opposite the base member; a speaker module, coupled to the flexible mattress member; a power module, in communication with the speaker module; a control module, in communication with the speaker module, in communication the power module; and an air bladder module, coupled to the flexible mattress member, in communication with the power module. The portable baby sleep system has a transportation mode and a sleep mode.
Flexible Mattress Member 106

Power Module 300

Speaker Module 124

Control Module 302

Air Bladder Module 126

FIG. 3
PORTABLE BABY SLEEP SYSTEM

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation of U.S. application Ser. No. 11/679,680 by Laurie Leslie Groves, which application is incorporated by reference herein in its entirety.

BACKGROUND OF THE INVENTION

[0002] 1. Field of the Invention

[0003] The present invention relates to portable baby sleep systems, specifically to baby beds and accessories which are transportable.

[0004] 2. Description of the Related Art

[0005] Generally, babies need about 16 to 18 hours of sleep a day. Adequate sleep is important for babies because sleep typically affects mood, behavior, cognitive functioning, and other development. However, babies often experience difficulty in sleeping.

[0006] One cause of this difficulty is that baby beds and bedding generally do not provide the feelings of comfort and reassurance that contact and cuddling with a mother provides. For example, babies are often comforted and reassured by the recognition of a mother’s heartbeat and breathing patterns. In addition, babies are often comforted and reassured by a mother’s rocking of the baby in her arms.

[0007] Accordingly, blankets and other bedding are often equipped with devices which simulate a heartbeat and other sleep inducing effects for babies. Some improvements have been made in the field. Examples include but are not limited to the references described below, which references are incorporated by reference herein:

[0008] U.S. Pat. No. 4,934,997, issued to Skakas, discloses a therapeutic infant bed intended for hospital use in the treatment and prevention of infant apnea. The bed comprises a hammock-forming sheet of material having one surface thereof covered with a soft tactile material. The hammock-forming sheet of material includes means for attaching a sonic device for generating audible sounds and a mechanical vibrational impulses simulating a human heartbeat thereto and for causing the audible sounds and mechanical vibrational impulses to be transmitted through the sheet and the support structure to an infant disposed in the bed. A support structure is provided which has raised, spaced end member defining an open space therebetween. The hammock-forming sheet of material is horizontally suspended between the end members with the one surface facing up between the end members, within the open space, and above a surface upon which the support structure is sitting to form a hammock having spaced head and foot ends and spaced sides between which an infant can be placed. Rocking means are operably attached to the support structure for supporting the support structure on a planar surface and for slowly and gently rocking the support structure primarily only in a horizontal plane. In the preferred embodiment, the rocking means comprises a plurality of spring suspension members self-activated by the infant’s movements and disposed under the support structure.

[0009] U.S. Pat. No. 5,205,811, issued to Formarelli, discloses the infant blanket is of the comforter type and includes therein a foam form having cavity therein within which a heartbeat simulator rests. The simulator is preferably pressure activated and access to same is provided by means of a zipper strategically placed in one surface of the blanket.

[0010] U.S. Pat. No. 5,816,910, issued to Steele et al., discloses a portably apparatus for soothing infants to enable them to fall asleep utilizes a portable housing having a cylindrically-shaped intake and exhaust opening coupled by a hollow cylindrical tube into which is located a miniature motor disposed proximate the intake opening of fan blades affixed on the rotating motor shaft that provides an air flow over a plurality of flexible members disposed proximate the exhaust opening. A control arrangement, coupled to a battery power source, is disposed within the housing for controlling the amount of forced air flowing out of the exhaust opening so that the tone or the sounds meaning from the apparatus can be controlled.

[0011] U.S. Pat. No. 5,357,642, issued to Clute, discloses an infant support pillow with a vibration inducer such as an audio emitter including two pad members defining a channel sized for supporting an infant generally on its side while sleeping. One of the pad members is structured for removably housing a electrically powered audio emitter. The audio emitter is structured for emitting a generated sound preferably similar to those sounds experienced by the infant when in the womb, and thereby promoting sleep.

[0012] U.S. Pat. No. 4,966,072, issued to Cummins, discloses a comfort cushion for infants comprising in combination a fluid filled flexible elastic hermetically sealed infant supporting mattress; a pulsating fluid pump means having mattress inlet and outlet fluid conducting conduits communicating between the pump means and the mattress for circulating a substantially non-compressible fluid through the mattress; and an infant heart beat and breathing alarm means having sensor means embedded in a mattress infant supporting surface for actuating an alarm means external to the mattress if an infant supported on the mattress were to stop breathing or its heart were to stop beating or if either breathing or heart beat were to change such as to indicate peril to the infant. The mattress inlet conduit has a pressure activated valve within the mattress which opens at a pre-selected pressure to simulate sounds and fluid movement conditions a pre-born infant experiences.

[0013] The inventions heretofore known suffer from a number of disadvantages, which include: not being adaptable; not being easily contained; being difficult to use; having inadequate simulation; being expensive; and/or not being transportable.

[0014] What is needed is a portable baby sleep system that solves one or more of the problems described herein and/or one or more problems that may come to the attention of one skilled in the art upon becoming familiar with this specification.

SUMMARY OF THE INVENTION

[0015] The present invention has been developed in response to the present state of the art, and in particular, in response to the problems and needs in the art that have not yet been fully solved by currently available baby sleep systems. Accordingly, the present invention has been developed to provide a portable baby sleep system.

[0016] In one embodiment of the invention, there may be a portable baby sleep system for providing a baby bed and/or accessories which may be transportable, including: a base member; and/or a wall member, foldably coupled to the base member; wherein a length of the wall member may be substantially equal to a length of the base member; and/or wherein a width of the wall member may be greater than a
width of the base member. The portable baby sleep system also includes: a flexible mattress member, foldably coupled to the base member opposite the wall member, and/or removably coupleable to the wall member; wherein a length of the flexible mattress member may be greater than the length of the wall member; wherein a width of the flexible mattress member may be substantially equal to the width of the wall member. Wherein, in a transportation mode, the base member may be disposed horizontally, and/or the wall member and/or the flexible mattress member may be disposed vertically; and/or wherein, in a sleeping mode, the base member, the wall member, and/or the flexible mattress member may be disposed horizontally.

[0017] In addition, the portable baby sleep system includes: a first handle member, coupled to the wall member opposite the base member; a second handle member, coupled to the flexible mattress member opposite the base member; a speaker module, coupled to the flexible mattress member, and/or configured to provide sound; a power module, in communication with the speaker module, and/or configured to provide energy to the speaker module; and/or a control module, in communication with the speaker module, and/or configured to control the provision of sound by the speaker module. In another embodiment of the invention, the portable baby sleep system includes an air bladder module, coupled to the flexible mattress member, in communication with the power module, and/or configured to provide lifting and/or falling. In still another embodiment of the invention, the flexible mattress member includes: a left attachment portion, which may be coupled to a left side of the flexible mattress member; and/or a right attachment portion, which may be coupled to a right side of the flexible mattress member opposite the left attachment portion; wherein in the transportation mode the left attachment portion may be removably coupled to a left side of the wall member and/or the right attachment portion may be removably coupled to a right side of the wall member.

[0018] In yet another embodiment of the invention, the portable baby sleep system includes: a left base flap, coupled to a left side of the base member adjacent the wall member and/or adjacent the flexible mattress member; and/or a right base flap, coupled to a right side of the base member adjacent the wall member and/or adjacent the flexible mattress member; wherein in the transportation mode the left base flap may be removably coupled to the left attachment portion and the right base flap may be removably coupled to the right attachment portion. In still yet another embodiment of the invention, the portable baby sleep system includes a restraining pad, coupled to the flexible mattress member, configured to restrain rolling and turning. In even another embodiment of the invention, the portable baby sleep system includes a storage container, coupled to the wall member, configured to store baby accessories, and/or having a top cover portion removably coupled to a top of the wall member and/or removably coupleable to a top of the flexible mattress member. Wherein, in a transportation mode the flexible mattress member may envelop the storage container.

[0019] In even still another embodiment of the invention, there is a portable baby sleep system for providing a baby bed and/or accessories which may be transportable, comprising: a base member; a wall member, foldably coupled to the base member; wherein a length of the wall member may be substantially equal to a length of the base member; and/or wherein a width of the wall member may be greater than a width of the base member; a flexible mattress member, foldably coupled to the base member opposite the wall member, and/or removably coupleable to the wall member; wherein a length of the flexible mattress member may be greater than the length of the wall member; wherein a width of the flexible mattress member is substantially equal to the width of the wall member. The flexible mattress member includes: a left attachment portion, which may be coupled to a left side of the flexible mattress member; and/or a right attachment portion, which may be coupled to a right side of the flexible mattress member opposite the left attachment portion. Wherein in a transportation mode the left attachment portion may be removably coupled to a left side of the wall member and/or the right attachment portion may be removably coupled to a right side of the wall member.

[0020] Further, the portable baby sleep system includes: a first handle member, coupled to the wall member opposite the base member; and/or a second handle member, coupled to the flexible mattress member opposite the base member. In an additional embodiment of the invention, the portable baby sleep system includes: a speaker module, coupled to the flexible mattress member, and/or configured to provide sound; a power module, in communication with the speaker module, and/or configured to provide energy to the speaker module; and/or a control module, in communication with the speaker module, and/or configured to control the provision of sound by the speaker module. In still another additional embodiment of the invention, the portable baby sleep system includes an air bladder module, coupled to the flexible mattress member, in communication with the power module, and/or configured to provide lifting and falling.

[0021] Reference throughout this specification to features, advantages, or similar language does not imply that all of the features and advantages that may be realized with the present invention should be or are in any single embodiment of the invention. Rather, language referring to the features and advantages is understood to mean that a specific feature, advantage, or characteristic described in connection with an embodiment is included in at least one embodiment of the present invention. Thus, discussion of the features and advantages, and similar language, throughout this specification may, but do not necessarily, refer to the same embodiment.

[0022] Furthermore, the described features, advantages, and characteristics of the invention may be combined in any suitable manner in one or more embodiments. One skilled in the relevant art will recognize that the invention can be practiced without one or more of the specific features or advantages of a particular embodiment. In other instances, additional features and advantages may be recognized in certain embodiments that may not be present in all embodiments of the invention.

[0023] These features and advantages of the present invention will become more fully apparent from the following description and appended claims, or may be learned by the practice of the invention as set forth hereinafter.

BRIEF DESCRIPTION OF THE DRAWINGS

[0024] In order for the advantages of the invention to be readily understood, a more particular description of the invention briefly described above will be rendered by reference to specific embodiments that are illustrated in the appended drawing(s). Understanding that these drawing(s) depict only typical embodiments of the invention and are not therefore to
be considered to be limiting of its scope, the invention will be described and explained with additional specificity and detail through the use of the accompanying drawing(s), in which:

**[0025]** FIG. 1 is a top plan view of a portable baby sleep system in a sleeping mode, according to one embodiment of the invention;

**[0026]** FIG. 2 is a side perspective view of a portable baby sleep system in a transportation mode, according to one embodiment of the invention; and

**[0027]** FIG. 3 is a block diagram of a portable baby sleep system, according to one embodiment of the invention.

DETAILED DESCRIPTION OF THE INVENTION

**[0028]** For the purposes of promoting an understanding of the principles of the invention, reference will now be made to the exemplary embodiments illustrated in the drawing(s), and specific language will be used to describe the same. It will nevertheless be understood that no limitation of the scope of the invention is thereby intended. Any alterations and further modifications of the inventive features illustrated herein, and any additional applications of the principles of the invention as illustrated herein, which would occur to one skilled in the relevant art and having possession of this disclosure, are to be considered within the scope of the invention.

**[0029]** Reference throughout this specification to “one embodiment,” “an embodiment,” or similar language means that a particular feature, structure, or characteristic described in connection with the embodiment is included in at least one embodiment of the present invention. Thus, appearances of the phrases “one embodiment,” “an embodiment,” and similar language throughout this specification may, but do not necessarily, all refer to the same embodiment, different embodiments, or component parts of the same or different illustrated invention. Additionally, reference to the wording “an embodiment,” or the like, for two or more features, elements, etc. does not mean that the features are related, dissimilar, the same, etc. The use of the term “an embodiment,” or similar wording, is merely a convenient phrase to indicate optional features, which may or may not be part of the invention as claimed.

**[0030]** Each statement of an embodiment is to be considered independent of any other statement of an embodiment despite any use of similar or identical language characterizing each embodiment. Therefore, where one embodiment is identified as “another embodiment,” the identified embodiment is independent of any other embodiments characterized by the language “another embodiment.” The independent embodiments are considered to be able to be combined in whole or in part one with another as the claims and/or art may direct, either directly or indirectly, implicitly or explicitly.

**[0031]** Finally, the fact that the wording “an embodiment,” or the like, does not appear at the beginning of every sentence in the specification, such as is the practice of some practitioners, is merely a convenience for the reader’s clarity. However, it is the intention of this application to incorporate by reference the phrasing “an embodiment,” and the like, at the beginning of every sentence herein where logically possible and appropriate.

**[0032]** Many of the functional units described in this specification have been labeled as modules, in order to more particularly emphasize their implementation independence. For example, a module may be implemented as a hardware circuit comprising custom VLSI circuits or gate arrays, off-the-shelf semiconductors such as logic chips, transistors, or other discrete components. A module may also be implemented in programmable hardware devices such as field programmable gate arrays, programmable array logic, programmable logic devices, or the like.

**[0033]** Modules may also be implemented in software for execution by various types of processors. An identified module of executable code may, for instance, comprise one or more physical or logical blocks of computer instructions which may, for instance, be organized as an object, procedure, or function. Nevertheless, the executables of an identified module need not be physically located together, but may comprise disparate instructions stored in different locations which, when joined logically together, comprise the module and achieve the stated purpose for the module.

**[0034]** Indeed, a module of executable code may be a single instruction, or many instructions, and may even be distributed over several different code segments, among different programs, and across several memory devices. Similarly, operational data may be identified and illustrated herein within modules, and may be embodied in any suitable form and organized within any suitable type of data structure. The operational data may be collected as a single data set, or may be distributed over different locations including over different storage devices, and may exist, at least partially, merely as electronic signals on a system or network.

**[0035]** As used herein, “comprising,” “including,” “containing,” “is,” “are,” “characterized by,” and grammatical equivalents thereof are inclusive or open-ended terms that do not exclude additional unrecited elements or method steps. “Comprising” is to be interpreted as including the more restrictive terms “consisting of” and “consisting essentially of.”

**[0036]** As illustrated by the figures, there is a portable baby sleep system 100, in a sleeping mode 101, according to one embodiment of the invention. As shown, the portable baby sleep system 100 has a base member 102, a wall member 104, and a flexible mattress member 106. The wall member 104 is foldably coupled to the base member 102 so that the wall member 104 may be disposed parallel or orthogonal to the base member 102. Also, the figures illustrate a length of the wall member 108 substantially equal to a length of the base member 110, so that the length of the wall member 108 is as great as the length of the base member 110, and a width of the wall member 112 is greater than a width of the base member 114.

**[0037]** Further, the figures illustrate the flexible mattress member 106 foldably coupled to the base member 102 opposite the wall member 104, and removably coupleable to the wall member 104, so that the flexible mattress member 106 may be disposed parallel or orthogonal to the base member 102 and the wall member 104. In addition, the figures illustrate that a length of the flexible mattress member 116 is greater than the length of the wall member 108, and a width of the flexible mattress member 118 is substantially equal to the width of the wall member 112 so that the width of the flexible mattress member 118 is evenly proportioned to the width of wall member 112. Moreover, in the illustrated sleeping mode 101, the base member 102, the wall member 104, and the flexible mattress member 106 are disposed horizontally.

**[0038]** Additionally illustrated by the figures, there is a first handle member 120 coupled to the wall member 102 opposite the base member 102, and a second handle member 122, coupled to the flexible mattress member 106 opposite the base member 102. In addition, the figures illustrate a left attach-
ment portion 128 coupled to a left side of the flexible mattress member 130, and a right attachment portion 132 coupled to a right side the flexible mattress member 134 opposite the left attachment portion 128. Further, there is illustrated a left base flap 136 coupled to a left side of the base member 138, and a right base flap 140 coupled to a right side of the base member 142. Moreover, the figures illustrate a restraining pad 144 coupled to the flexible mattress member 106. In one embodiment of the invention, the restraining pad 144 is configured to restrain rolling and turning. For example, the restraining pad 144 may be a triangular-shaped foam pad. There is also a storage container 146 coupled to the wall member 104.

Furthermore, illustrated by the figures, there is a portable baby sleep system 100 in a transportation mode 201. As shown, the portable baby sleep system 100 has a top cover portion 200 removably coupled to a top of the wall member 202, and removably coupleable to a top of the flexible mattress member 204. Also, in the illustrated transportation mode 201, the base member 102 is disposed horizontally, and the wall member 104 and the flexible mattress member 106 are disposed vertically so that the flexible mattress member 106 envelopes the storage compartment 146. Further, the left attachment portion 128 is removably coupled to a left side of the wall member 148, and the right attachment portion 132 is removably coupled to a right side of the wall member 150. More, the left base flap 136 is removably coupled to the left attachment portion 128, and the right base flap 140 is removably coupled to the right attachment portion 132.

Additionally shown by the illustrated figures, the flexible mattress member 106 has a speaker module 124 and an air bladder module 126. There is also a power module 300 in communication with the speaker module 124 and the air bladder module, and a control module 302 in communication with the speaker module 124 and the power module 300. In one embodiment of the invention, the speaker module 124 is configured to provide sound, such as the sound of a heartbeat. For example, the speaker module 124 may be such as the electrically powered audio emitter of U.S. Pat. No. 5,357,642, issued to Clute, which is incorporated by reference herein.

In another embodiment of the invention, the power module is configured to provide energy to the speaker module 124. For example, the power module 300 may be a battery. In still another embodiment of the invention, the control module 302 is configured to control the provision of sound by the speaker module. For example, the control module may be an On/Off switch. In yet another embodiment of the invention, the air bladder module 126 is configured to provide lifting and falling, similar to the rising and falling of a chest during breathing. For example, the air bladder module 126 may be described by U.S. Pat. No. 6,876,303, issued to Reeder et al., which is incorporated by reference herein. In a further embodiment of the invention, the portable baby sleep system 100 may be such as the portable baby sleep system of U.S. Design Pat. Application No. 2927513, filed on Dec. 14, 2006, by Laurie Leslie Groves, which is incorporated by reference herein.

In operation of one embodiment of a sleeping mode 101 of the invention, a user opens the portable baby sleep system 100 so that the base member 102, the wall member 104, and the flexible mattress member 106 are disposed horizontally. The user then places a sleeping baby on the flexible mattress member 106. Next, the user turns on the speaker module 124 and the air bladder module 126. The speaker module 124 and the air bladder module 126 soothe the baby by mimicking a heartbeat sounds and breathing motions of the baby's mother. When the baby rolls and/or turns, the restraining pad 144 restrain the baby. After the baby wakes up, the user removes the baby from the flexible mattress member 106 and folds up and secures the portable baby sleep system 100 for transportation.

Also, in operation of one embodiment of a transportation mode 201 of the invention, the fold-up and the portable baby sleep system 100 for transportation. First, the user vertically folds a wall member 104 and a flexible mattress member 106; foldably couple to a base member 102, so that the base member 102 is disposed horizontally and the wall member 104 and the flexible mattress member 106 are disposed vertically. Next, the user removably couples a left attachment portion 128 of the flexible mattress member 106 to a left side of the wall member 148 and a right attachment portion 132 of the flexible mattress member 106 to a right side of the wall member 150. Then, the user removably couples a left base flap 136 to the left attachment portion 128 and a right base flap 140 to the right attachment portion 132. After the user couples the base flaps 136 and 140, the user covers the portable baby sleep system 100 with a top cover portion 200. The user then carries the portable baby sleep system 100 by holding a first handle member 120 and a second handle member 122.

It is understood that the above-described embodiments are only illustrative of the application of the principles of the present invention. The present invention may be embodied in other specific forms without departing from its spirit or essential characteristics. The described embodiment is to be considered in all respects only as illustrative and not restrictive. The scope of the invention is, therefore, indicated by the appended claims rather than by the foregoing description. All changes which come within the meaning and range of equivalency of the claims are to be embraced within their scope.

For example, the storage container 146 may be any container appreciated in the art configured to store baby accessories, such as, but not limited to: a compartment; a box; a pocket; and a pouch. Similarly, the control module 302 may be any control module appreciated in the art configured to control the provision of sound by the speaker module 124. For example, the control module 302 may include: a compact disc player; a portable media playing device; a cassette player; a mini disc player; an On/Off switch; and/or a dial, such as a volume control dial. Accordingly, the speaker module 124 may provide rhythmic sounds, such as the sound of a heartbeat, and/or music.

Additionally, although the figures illustrate the left base flap 136 and the right base flap 140 removably coupled to the left attachment portion 128 and the right attachment portion 132 of the flexible mattress member 106, the left base flap 136 and the right base flap 140 may be removably coupled to the wall member 104. It is also envisioned that the base member 102, the wall member 104, the flexible mattress member 106, and the top cover portion 200 may be removably coupled by any removably coupling mechanism appreciated in the art. For example, the base member 102, the wall member, the flexible mattress member, and the top cover portion 200 may be removably coupled by: hook and loop; adhesion; magnetic attraction; tying; hooking; snapping; buttoning; and/or sliding and locking.

It is expected that there may be numerous variations of the design of this invention. For example, the transporta-
tion mode 201 of the portable baby sleep system 100 may be any shape appreciated in the art, such as, but not limited to: rectangular and tubular. Also, in one embodiment of the invention, the design of the portable baby sleep system 100 may be such as the portable baby sleep system of U.S. Design Pat. Application No. 29275134, filed on Dec. 14, 2006, by Laurie Leslie Groves, which is incorporated by reference herein.

[0048] Finally, it is envisioned that the components of the portable baby sleep system 100 may be constructed of a variety of materials. For example, the portable baby sleep system may be constructed of materials, such as, but not limited to: plastic; textiles; metal; and/or rubber.

[0049] Thus, while the present invention has been fully described above with particularity and detail in connection with what is presently deemed to be the most practical and preferred embodiment of the invention, it will be apparent to those of ordinary skill in the art that numerous modifications, including, but not limited to, variations in size, materials, shape, form, function and manner of operation, assembly and use may be made, without departing from the principles and concepts of the invention as set forth in the claims.

What is claimed is:
1. A portable baby sleep system for providing a baby bed and accessories which are transportable, comprising:
   a) a base member;
   b) a wall member, foldably coupled to the base member; wherein a length of the wall member is substantially equal to a length of the base member; and wherein a width of the wall member is greater than a width of the base member;
   c) a flexible mattress member, foldably coupled to the base member opposite the wall member, and removably couplable to the wall member; wherein a length of the flexible mattress member is greater than a length of the wall member; wherein a width of the flexible mattress member is substantially equal to the width of the wall member; wherein, in a transportation mode, the base member is disposed horizontally; and the wall member and the flexible mattress member are disposed vertically; and wherein, in a sleeping mode, the base member, the wall member, and the flexible mattress member are disposed horizontally;
   d) a first handle member, coupled to the wall member opposite the base member;
   e) a second handle member, coupled to the flexible mattress member opposite the base member;
   f) a speaker module, coupled to the flexible mattress member, and configured to provide sound;
   g) a power module, in communication with the speaker module, and configured to provide energy to the speaker module; and
   h) a control module, in communication with the speaker module, in communication with the power module, and configured to control the provision of sound by the speaker module.
2. The portable baby sleep system of claim 1, further comprising:
   a) an air bladder module, coupled to the flexible mattress member, in communication with the power module, and configured to provide lifting and falling.
3. The portable baby sleep system of claim 2, wherein the flexible mattress member comprises:
   a) a left attachment portion, coupled to a left side of the flexible mattress member;
   b) a right attachment portion, coupled to a right side of the flexible mattress member opposite the left attachment portion; wherein in the transportation mode the left attachment portion is removably coupled to a left side of the wall member and the right attachment portion is removably coupled to a right side of the wall member.
4. The portable baby sleep system of claim 3, further comprising:
   a) a left base flap, coupled to a left side of the base member adjacent the wall member and adjacent the flexible mattress member; and
   b) a right base flap, coupled to a right side of the base member adjacent the wall member and adjacent the flexible mattress member; wherein in the transportation mode the left base flap is removably coupled to the left attachment portion and the right base flap is removably coupled to the right attachment portion.
5. The portable baby sleep system of claim 4, further comprising:
   a) a restraining pad, coupled to the flexible mattress member, configured to restrain rolling and turning.
6. The portable baby sleep system of claim 5, further comprising:
   a) a storage container, coupled to the wall member, configured to store baby accessories, and having a top cover portion removably coupled to a top of the wall member and removably coupleable to a top of the flexible mattress member; wherein in a transportation mode the flexible mattress member envelops the storage container.
7. A portable baby sleep system for providing a baby bed and accessories which are transportable, comprising:
   a) a base member;
   b) a wall member, foldably coupled to the base member; wherein a length of the wall member is substantially equal to a length of the base member; and wherein a width of the wall member is greater than a width of the base member;
   c) a flexible mattress member, foldably coupled to the base member opposite the wall member, and removably coupleable to the wall member; wherein a length of the flexible mattress member is greater than a length of the wall member; wherein a width of the flexible mattress member is substantially equal to the width of the wall member; wherein, in a transportation mode, the base member is disposed horizontally; and the wall member and the flexible mattress member are disposed vertically; and wherein, in a sleeping mode, the base member, the wall member, and the flexible mattress member are disposed horizontally;
   d) a first handle member, coupled to the wall member opposite the base member;
   e) a second handle member, coupled to the flexible mattress member opposite the base member;
   f) a speaker module, coupled to the flexible mattress member, and configured to provide sound;
   g) a power module, in communication with the speaker module, and configured to provide energy to the speaker module; and
   h) a control module, in communication with the speaker module, in communication with the power module, and configured to control the provision of sound by the speaker module.
8. The portable baby sleep system of claim 7, further comprising:
   a) a speaker module, coupled to the flexible mattress member, and configured to provide sound;
b) a power module, in communication with the speaker module, and configured to provide energy to the speaker module; and

c) a control module, in communication with the speaker module, in communication with the power module, and configured to control the provision of sound by the speaker module.

9. The portable baby sleep system of claim 8, further comprising:

   a) an air bladder module, coupled to the flexible mattress member, in communication with the power module, and configured to provide lifting and falling.

10. The portable baby sleep system of claim 9, further comprising:

    a) a left base flap, coupled to a left side of the base member adjacent the wall member and adjacent the flexible mattress member; and

    b) a right base flap, coupled to a right side of the base member adjacent the wall member and adjacent the flexible mattress member; wherein in the transportation mode the left base flap is removably coupled to the left attachment portion and the right base flap is removably coupled to the right attachment portion.

11. The portable baby sleep system of claim 10, further comprising:

    a) a restraining pad, coupled to the flexible mattress member, configured to restrain rolling and turning.

12. The portable baby sleep system of claim 11, further comprising:

    a) a storage container, coupled to the wall member, configured to store baby accessories, and having a top cover portion removably coupled to a top of the wall member and removably coupleable to a top of the flexible mattress member; wherein in a transportation mode the flexible mattress member envelops the storage container.

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