ABSTRACT
The present invention is an infant bottle and a beverage container cooler that includes a disc to receive the bottle or the beverage container to be cooled, a control switch which turns the cooler on and off and one or more batteries that can be utilized to power the cooler when an electric power source is unavailable. The cooler also includes a power cord and plug that can utilize an available electric power source to power the cooler that includes an electrical outlet, a cigarette adaptor or electrical generator, a pair of bottle and container holders to hold extra bottles or containers while the infant bottle or the beverage container is cooling and an insulated cooling compartment to receive cooling material to cool the infant bottle or the beverage container disposed underneath the disc.
INFANT BOTTLE COOLER

TECHNICAL FIELD & BACKGROUND

[0001] Infants typically require a lot of attention, regardless of the day or time, and new parents often find themselves awake in the middle of the night and making a bottle for their baby. The current market offers limited alternatives to refrigeration systems that can keep a bottle cold without the hassles of having to actually walk to the kitchen to prepare it.

[0002] The present invention generally relates to a cooling device. More specifically, the invention is an infant bottle cooler.

[0003] It is an object of the invention to provide an infant bottle cooler that cools down baby bottles and beverages.

[0004] It is an object of the invention to provide an infant bottle cooler that keeps liquids at a relative cold temperature without refrigeration.

[0005] What is really needed is an infant bottle cooler that cools down baby bottles and beverages and keeps liquids at a relative cold temperature without refrigeration.

BRIEF DESCRIPTION OF THE DRAWINGS

[0006] The present invention will be described by way of exemplary embodiments, but not limitations, illustrated in the accompanying drawings in which like references denote similar elements, and in which:

[0007] FIG. 1 illustrates a front side perspective view of an infant bottle cooler, in accordance with one embodiment of the present invention.

DETAILED DESCRIPTION OF ILLUSTRATIVE EMBODIMENTS

[0008] Various aspects of the illustrative embodiments will be described using terms commonly employed by those skilled in the art to convey the substance of their work to others skilled in the art. However, it will be apparent to those skilled in the art that the present invention may be practiced with only some of the described aspects. For purposes of explanation, specific numbers, materials and configurations are set forth in order to provide a thorough understanding of the illustrative embodiments. However, it will be apparent to one skilled in the art that the present invention may be practiced without the specific details. In other instances, well-known features are omitted or simplified in order not to obscure the illustrative embodiments.

[0009] Various operations will be described as multiple discrete operations, in turn, in a manner that is most helpful in understanding the present invention. However, the order of description should not be construed as to imply that these operations are necessarily order dependent. In particular, these operations need not be performed in the order of presentation.

[0010] The phrase “in one embodiment” is utilized repeatedly. The phrase generally does not refer to the same embodiment, however, it may. The terms “comprising”, “having” and “including” are synonymous, unless the context dictates otherwise.

[0011] FIG. 1 illustrates a front side perspective view of an infant bottle cooler 100, in accordance with one embodiment of the present invention. The infant bottle cooler 100 is an electrically powered appliance that can keep liquid bottles and beverages at a cool temperature without having to refrigerate the bottles or beverages, thereby eliminating a lot of extra work and effort for parents.

[0012] The infant bottle cooler 100 includes a disc 110, a control switch 120, one or more batteries 130, an electrical cord 140, a plurality of cup holders 150 and a cooling compartment 160.

[0013] The infant bottle cooler 100 has a disc 110 to receive a bottle to be cooled (not shown). There is also a control switch 120 which turns the infant bottle cooler 100 on and off that can be any suitable control switch. The disc 110 is disposed above a cooling compartment 160 that is insulated into which a cold pack or ice is placed for a relative long-lasting cooling effect. There are one or more batteries 130 that can be utilized to power the infant bottle cooler 100 when an electric power source is not available. There is also a power cord and plug 140 that can utilize an available electric power source such as an electrical outlet, cigarette adapter, electric generator or other suitable power source to power the infant bottle cooler 100. To ensure product versatility, the infant bottle cooler 100 also has a plurality of bottle and container holders 150 that are typically two bottle and container holders 150 which can be utilized for holding extra bottles or regular beverages while a bottle or beverage is cooling.

[0014] The design of the infant bottle cooler 100 is relatively compact and is made of relatively lightweight material, making it ideal for use at home or on the go. The infant bottle cooler 100 can be utilized to cool wet or dry bottles or beverages in a variety of containers suitable for cooling. The infant bottle cooler 100 is approximately 10" in height, 7" in width and 6" in diameter and made of relatively lightweight plastic and rubber. The infant bottle cooler 100 can withstand temperatures up to 210 degrees Celsius and as low as 5 degrees Celsius.

[0015] While the present invention has been related in terms of the foregoing embodiments, those skilled in the art will recognize that the invention is not limited to the embodiments described. The present invention can be practiced with modification and alteration within the spirit and scope of the appended claims. Thus, the description is to be regarded as illustrative instead of restrictive on the present invention.

1. An infant bottle and a beverage container cooler, comprising:
   a disc to receive said bottle or said beverage container to be cooled;
   a control switch which turns said cooler on and off;
   one or more batteries that can be utilized to power said cooler when an electric power source is unavailable;
   a power cord and plug that can utilize an available electric power source to power said cooler;
   a plurality of bottle and container holders to hold extra bottles or containers while said infant bottle or said beverage container is cooling; and
   an insulated cooling compartment to receive cooling material to cool said infant bottle or said beverage container disposed underneath said disc.

2. The cooler according to claim 1, wherein said available electric power source includes an electrical outlet, a cigarette adaptor or electrical generator.

3. The cooler according to claim 1, wherein said plurality of bottles and container holders is two.

4. The cooler according to claim 1, wherein said cooling material is one or more cold packs or ice.
5. The cooler according to claim 1, wherein said cooler can withstand temperatures up to 210 degrees Celsius and as low as 5 degrees Celsius.

6. The cooler according to claim 1, wherein said cooler can be utilized at home, while traveling or while running errands.

7. The cooler according to claim 1, wherein said cooler is made of plastic and rubber.

8. The cooler according to claim 1, wherein said cooler is approximately 10 inches in height, 7 inches in width and 6 inches in diameter.

9. An infant bottle and a beverage container cooler, comprising:
   - a disc to receive said bottle or said beverage container to be cooled;
   - a control switch which turns said cooler on and off;
   - one or more batteries that can be utilized to power said cooler when an electric power source is unavailable;
   - a power cord and plug that can utilize an available electric power source to power said cooler that includes an electrical outlet, a cigarette adaptor or electrical generator;
   - a pair of bottle and container holders to hold extra bottles or containers while said infant bottle or said beverage container is cooling; and
   - an insulated cooling compartment to receive cooling material to cool said infant bottle or said beverage container disposed underneath said disc.

10. The cooler according to claim 9, wherein said cooling material is one or more cold packs or ice.

11. The cooler according to claim 9, wherein said cooler can withstand temperatures up to 210 degrees Celsius and as low as 5 degrees Celsius.

12. The cooler according to claim 9, wherein said cooler can be utilized at home, while traveling or while running errands.

13. The cooler according to claim 9, wherein said cooler is approximately 10 inches in height, 7 inches in width and 6 inches in diameter.

14. The cooler according to claim 9, wherein said cooler is made of plastic and rubber.

15. An infant bottle cooler, comprising:
   - a disc to receive said bottle or said beverage container to be cooled;
   - a control switch which turns said cooler on and off;
   - one or more batteries that can be utilized to power said cooler when an electric power source is unavailable;
   - a power cord and plug that can utilize an available electric power source to power said cooler that includes an electrical outlet, a cigarette adaptor or electrical generator;
   - a pair of bottle and container holders to hold extra bottles or containers while said infant bottle, is cooling; and
   - an insulated cooling compartment to receive cooling material to cool said infant bottle disposed underneath said disc.

16. The cooler according to claim 15, wherein said cooling material is one or more cold packs or ice.

17. The cooler according to claim 15, wherein said cooler can withstand temperatures up to 210 degrees Celsius and as low as 5 degrees Celsius.

18. The cooler according to claim 15, wherein said cooler can be utilized at home, while traveling or while running errands.

19. The cooler according to claim 15, wherein said cooler is approximately 10 inches in height, 7 inches in width and 6 inches in diameter.

20. The cooler according to claim 15, wherein said cooler is made of plastic and rubber.

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