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(54) SELF-CONTAINED CANDLE SYSTEM

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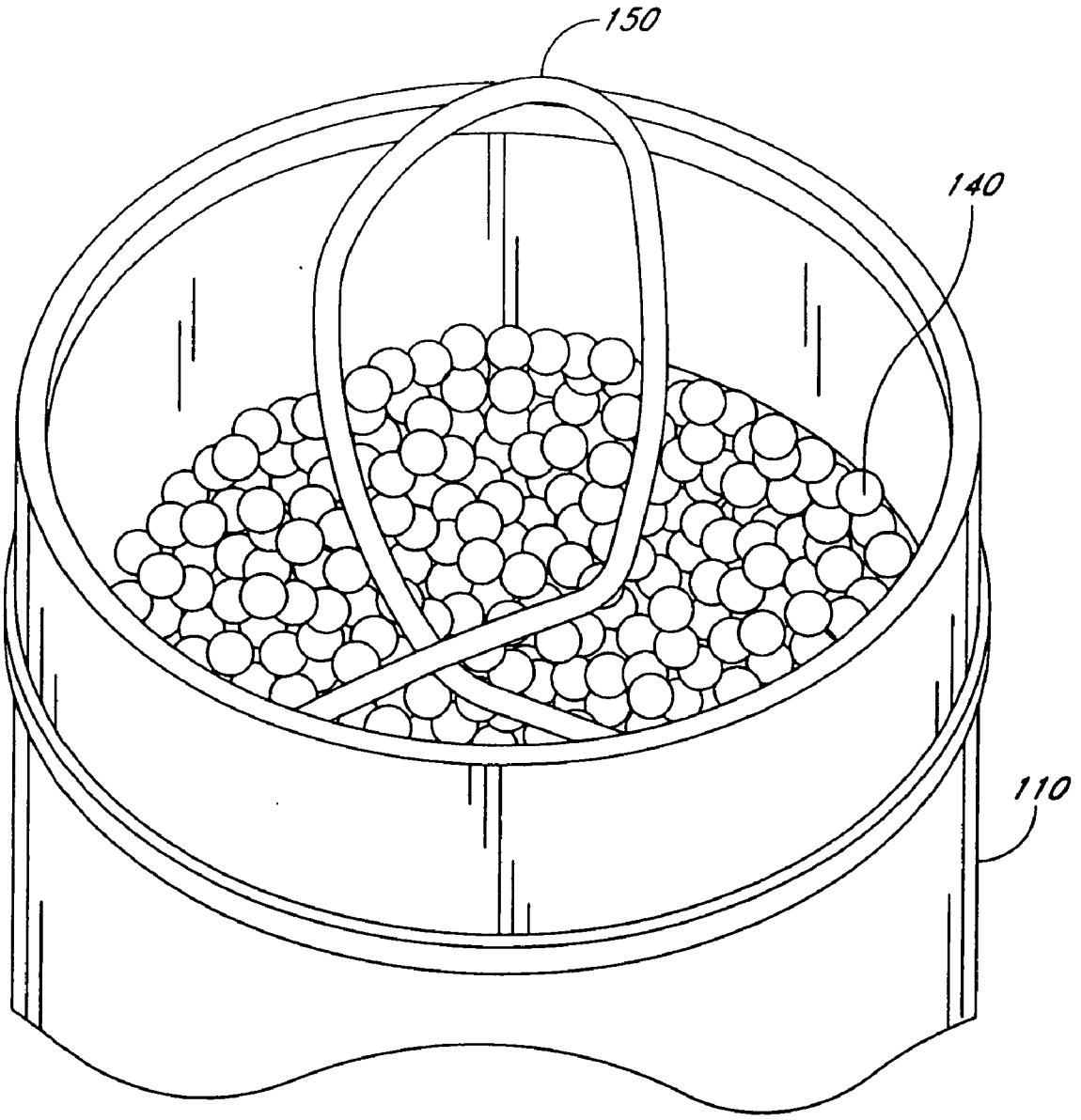
(57) **ABSTRACT**

A container includes a lid, wax beads and many wicks. The wax beads and wicks are stored in the container. A candle is formed in the lid with a wick and a portion of the wax beads.



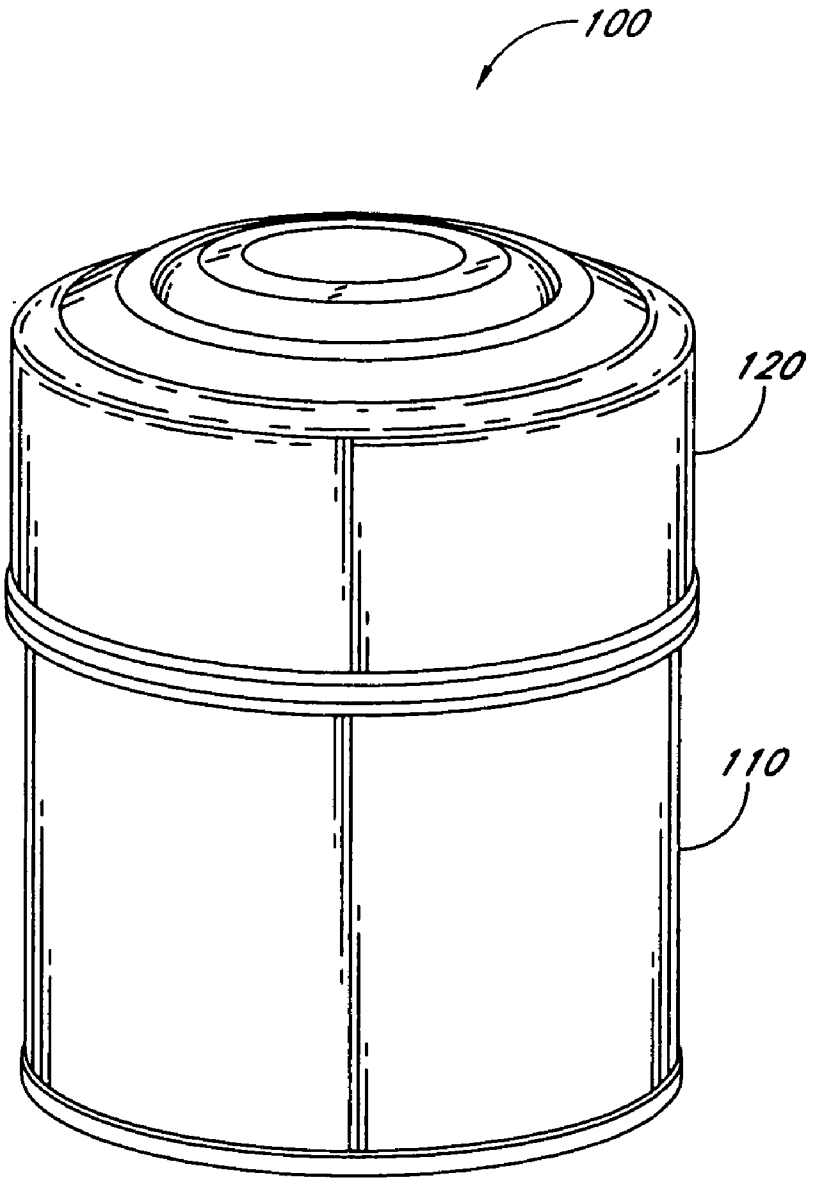


FIG. 1

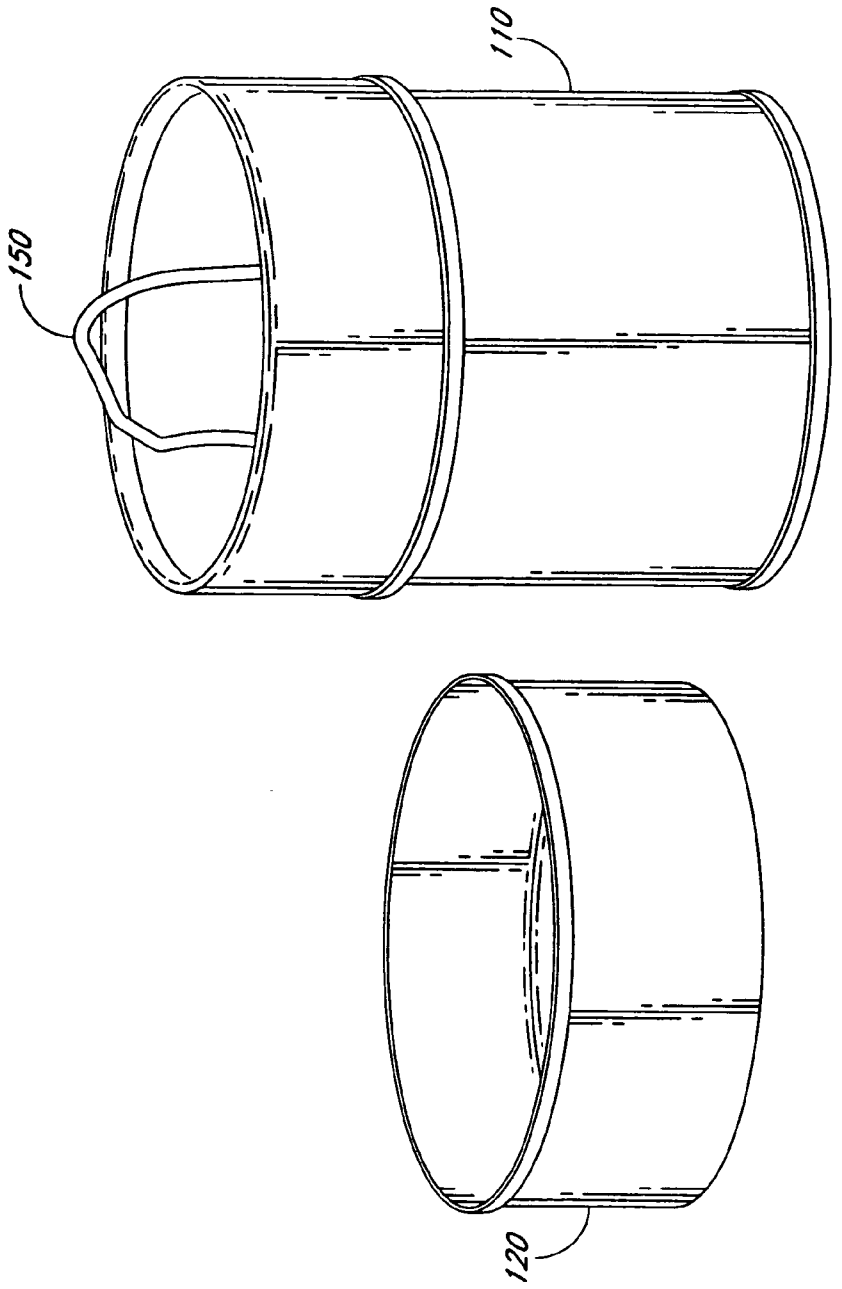


FIG. 2

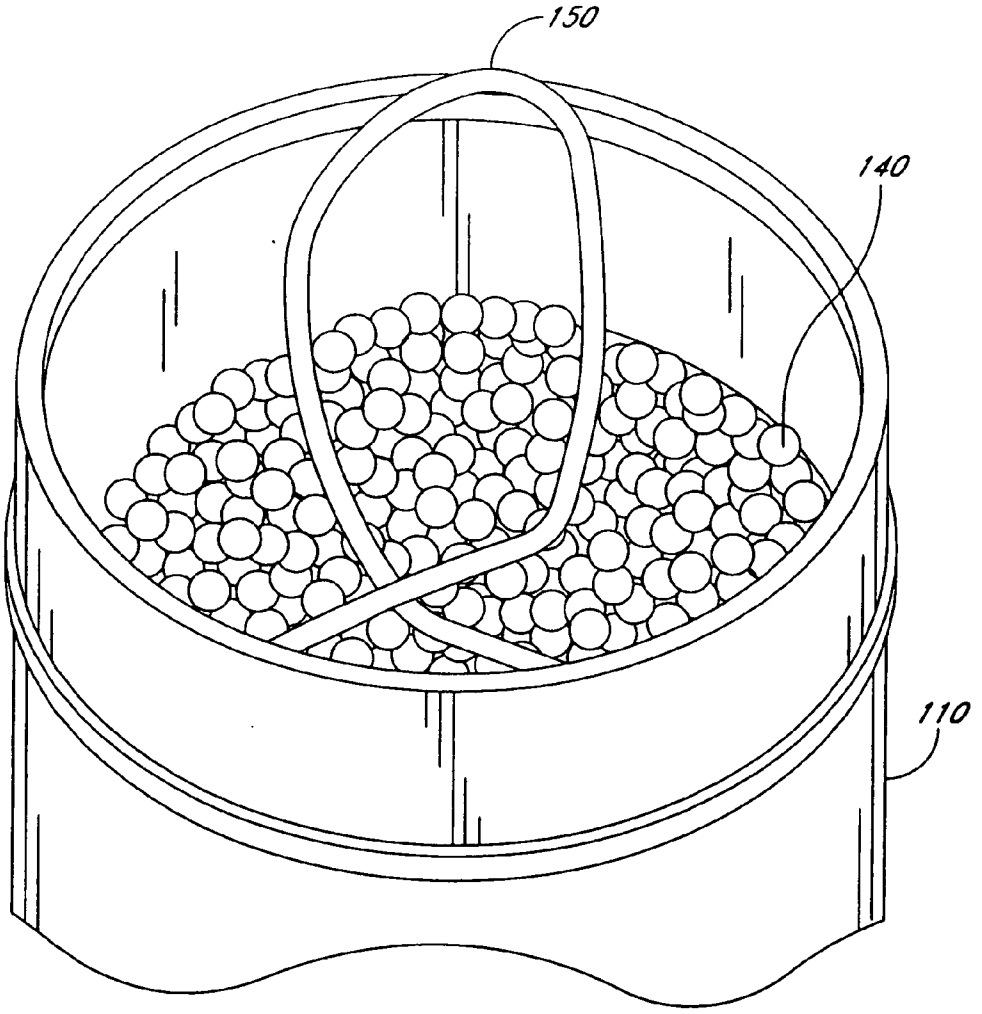


FIG. 3

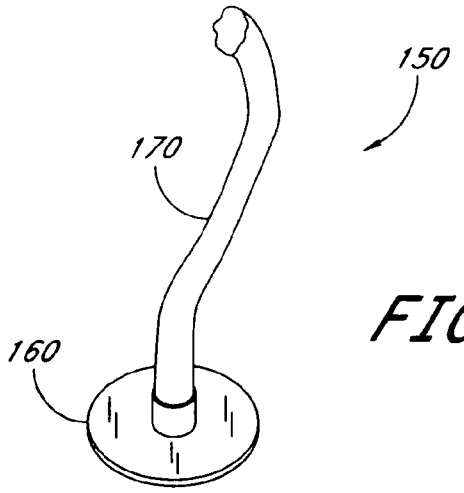


FIG. 4

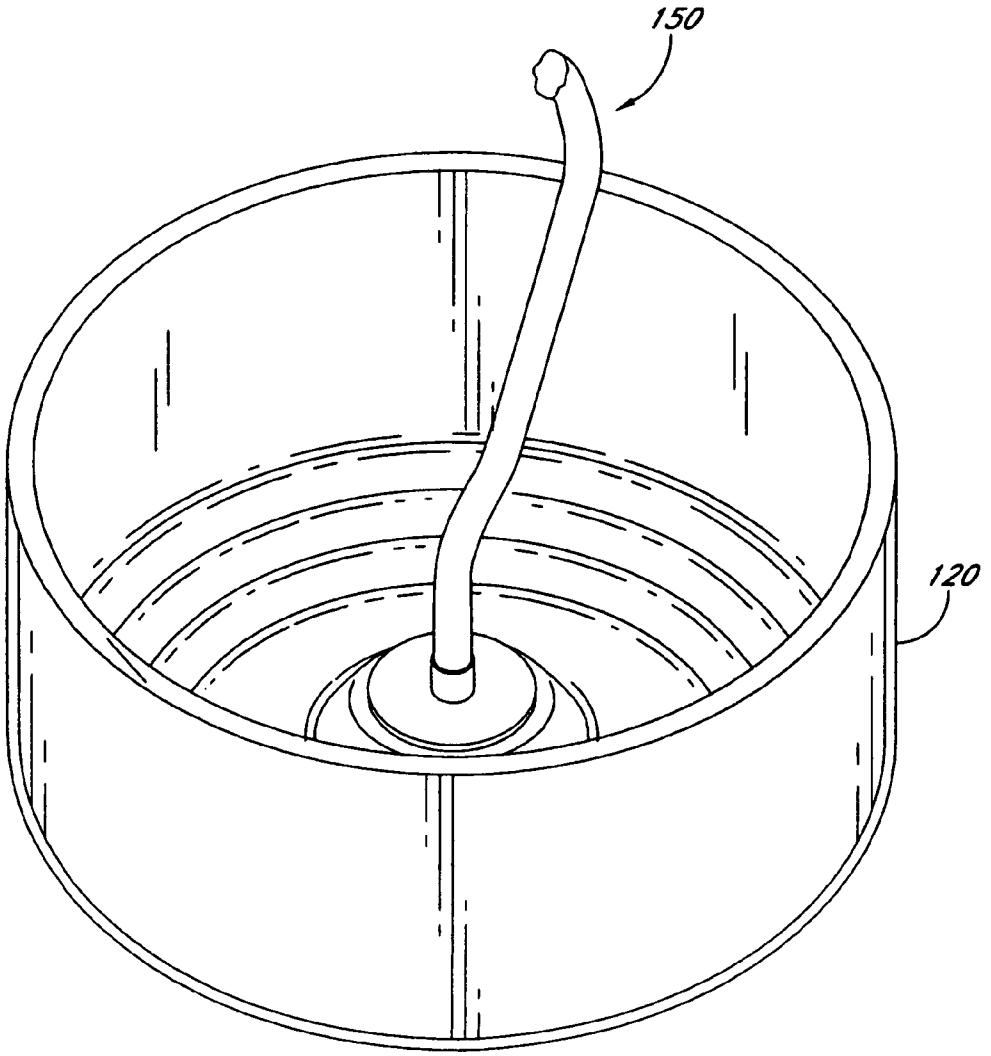


FIG. 5

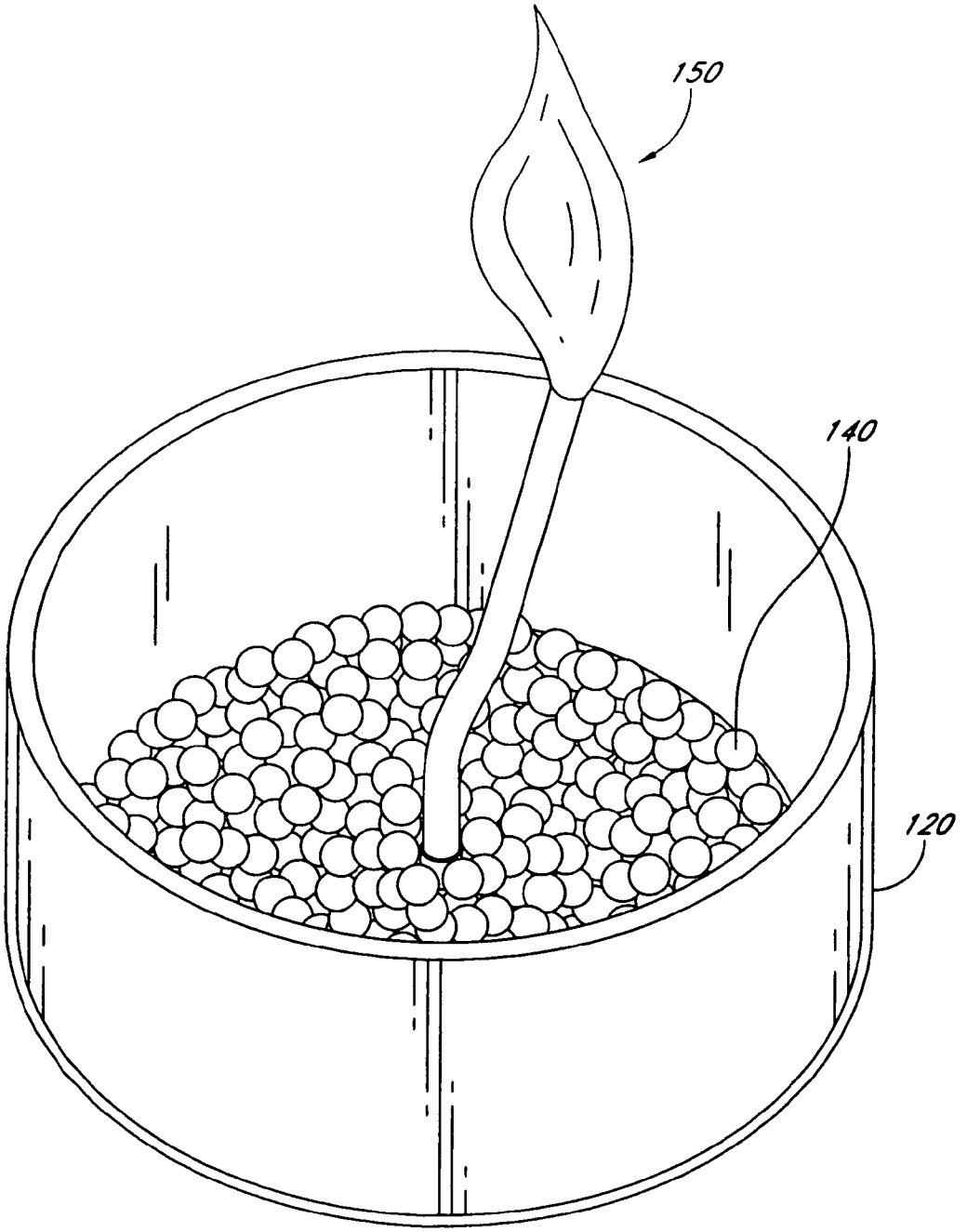


FIG. 6

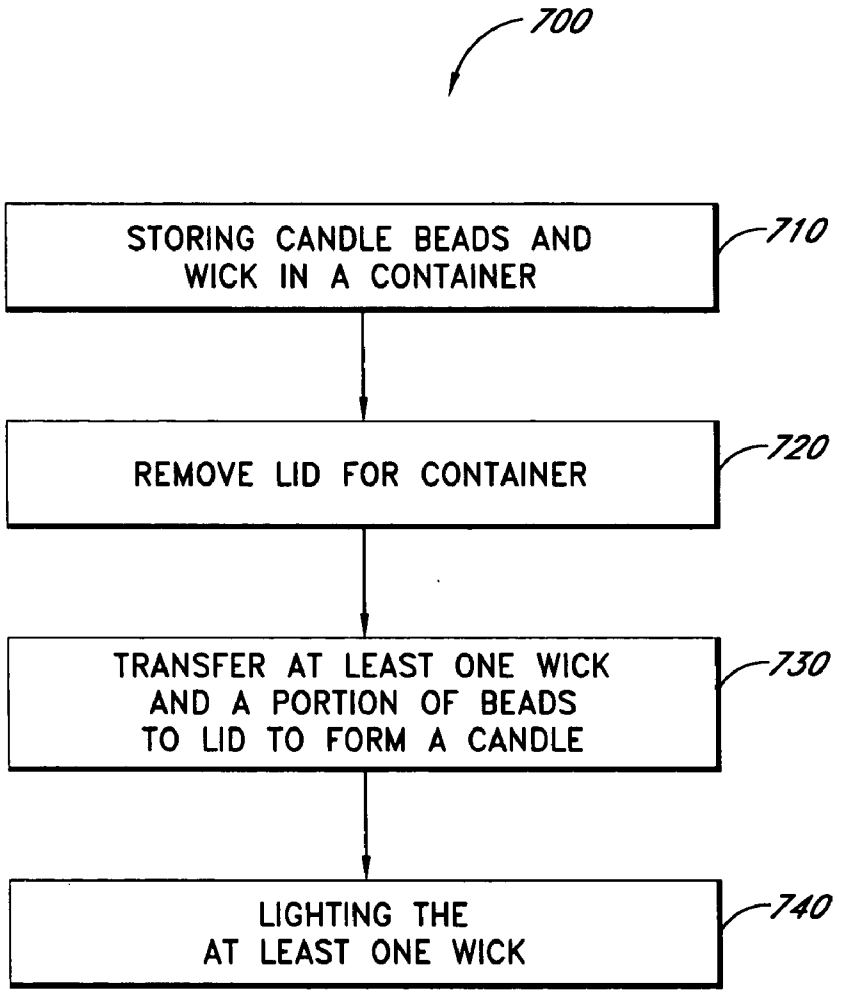

700
STORING CANDLE BEADS AND WICK IN A CONTAINER
710
REMOVE LID FOR CONTAINER
720
TRANSFER AT LEAST ONE WICK AND A PORTION OF BEADS TO LID TO FORM A CANDLE
730
LIGHTING THE AT LEAST ONE WICK
740

FIG. 7

SELF-CONTAINED CANDLE SYSTEM

BACKGROUND

[0001] 1. Field

[0002] The embodiments relate to candles, and more particular to a self-contained candle system.

[0003] 2. Description of the Related Art

[0004] Candles can be used for adding a scent to a room and for lighting. Candles can be made of different materials, such as wax or oil. Candles come in different shapes and sizes. Once a lit candle uses up its material (i.e., wax or oil), the candle's flame is extinguished. Candles are typically purchased as a solid wax candle with a wick disposed internally from the bottom of the candle to its top.

SUMMARY

[0005] One embodiment comprises a system including a container having a storage compartment and a lid, a plurality of candle bead, and a plurality of wicks. The plurality of candle beads and wicks are stored in the storage compartment. A candle is formed in the lid with at least one wick and a portion of the plurality of candle beads.

[0006] Another embodiment comprises a method including: storing a plurality of candle beads and a plurality of wicks in a container having a lid, removing the lid from the container, transferring at least one wick of the plurality of wicks from the container to the lid, transferring a portion of the plurality of candle beads from the container to the lid, the portion of the plurality of candle beads covering a base portion of the wick, and lighting the wick with a flame.

[0007] Still another embodiment comprises a system including a container including a lid, a plurality of wax beads and a plurality of wicks. The plurality of wax beads and wicks are stored in the container. A candle is formed in the lid with at least one wick of the plurality of wicks and a portion of the plurality of wax beads.

[0008] Yet another embodiment comprises a method of forming a candle in a lid of a container. The forming includes: removing the lid from a container, transferring at least one wick of a plurality of wicks stored in the container to the lid, transferring a portion of a plurality of candle beads stored in the container to the lid, the portion of the plurality of candle beads covering a base portion of the at least one wick, and lighting the wick with a flame.

BRIEF DESCRIPTION OF THE DRAWINGS

[0009] The embodiments are illustrated by way of example, and not by way of limitation, in the figures of the accompanying drawings and in which like reference numerals refer to similar elements and in which:

[0010] FIG. **1** illustrates an embodiment of a self-contained candle system;

[0011] FIG. **2** illustrates the embodiment of FIG. **1** with a lid removed;

[0012] FIG. **3** illustrates a plurality of wax beads and wicks stored in the container portion of the system illustrated in FIG. **1**;

[0013] FIG. **4** illustrates a wick;

[0014] FIG. **5** illustrates a wick placed in a lid of the system illustrated in FIG. **1**;

[0015] FIG. **6** illustrates a candle formed in the lid of the system illustrated in FIG. **1**; and

[0016] FIG. **7** illustrates a block diagram of an embodiment.

DETAILED DESCRIPTION OF THE INVENTION

[0017] The invention generally relates to a self-contained candle system. Referring to the figures, exemplary embodiments of the invention will now be described. The exemplary embodiments are provided to illustrate the invention and should not be construed as limiting the scope of the invention.

[0018] FIG. **1** illustrates an embodiment of a self-contained candle system. System **100** includes container **110** that acts as a storage compartment and lid/candle holder **120**. System **100** further includes wax candle beads **140** and wicks **150** (see FIG. **3**). Lid/candle holder **120** acts as a lid when connected to container **110** and as a candle holder when separated and a wick and candle beads are placed into it.

[0019] Container **110** can vary in size to store more or less candle beads **140** and wicks **150**. Lid/candle holder **120** provides a place to form a candle from one or more wicks **150** and a portion of the candle beads **140** that is poured or transferred from container **110** to lid/candle holder **120**. In one embodiment, lid/candle holder **120** is sized to snugly fit onto container **110**. In another embodiment, lid/candle holder **120** and container **110** have threads. In this embodiment lid/candle holder **120** is secured to container **110** by being screwed down.

[0020] In another embodiment, system **100** includes a plurality of lid/candle holder liners (not illustrated). In this embodiment, the lid/candle holder liners are made of malleable metal, such as aluminum foil. The lid/candle holder liners are sized to fit inside of lid/candle holder **120** and can be removed one by one after a formed candle is extinguished. This leaves the bottom of lid/candle holder **120** free of melted wax.

[0021] In one embodiment container **110** and lid/candle holder **120** are made of metal or metal alloy. In another embodiment container **110** and lid/candle holder **120** are made of glass. In yet another embodiment, container **110** and lid/candle holder **120** are made out of ceramic material.

[0022] FIG. **2** illustrates lid/candle holder **120** removed from container **110**, which exposes a wick **150** to view. FIG. **3** illustrates stored candle beads **140** and wicks **150** in container **110**.

[0023] FIG. **4** illustrates a wick **140**. In one embodiment, wicks **140** have base portion **160** and a wicking portion **170**. The wicking portion **170** can be cut to a desired length. The base portion **160** has a flat bottom and is made out of metal or metal alloy. In one embodiment, wick **140** can be cut into several segments to form multiple wicks. In this embodiment, some of the wicks do not have a base portion **160**. With the segmented formed wicks, the wicking portion **170** is placed into candle beads **140** to form a candle. In one embodiment, wick **140** is about 6 inches in length. Other embodiments can have differently sized wicks with a length, such as 1 inch, 2 inches, 3 inches, etc.

[0024] FIG. **5** illustrates a wick **150** placed into lid/candle holder **120**. As illustrated, base portion **160** is in direct contact with the inner surface of lid/candle holder **120**.

[0025] FIG. **6** illustrates beads **140** transferred from container **110** to lid/candle holder **120** and placed over base portion **160**. As illustrated, wick **150** has been lit with a flame. The candle beads, lighted wick and lid/candle holder **120** form a candle. The wax beads **140** can have a variety of scents and colors. The candle beads **140** can also have a variety of sizes as desired. Different scented beads can be placed in lid/candle holder **120** together to form a personalized scent as desired.

[0026] In one embodiment, ring shaped cylinders (not shown) having different diameters are used to combine different scented beads. One ring shaped cylinder is sized slightly smaller then container **110** and others have a smaller diameter (i.e. reduced by ½ inch, 1 inch, 2 inch, etc.). Different scented candle beads **140** are placed into areas formed by the different sized ring shaped cylinders that are inserted into lid/candle holder **140**. When the ring shaped cylinders are removed, different scented beads will be separated instead of blended together. This allows a user to personalize a scent and have different aromas to fill a room or space at different times. The ring shaped cylinders can be made of metal, metal alloy, glass or ceramic material.

[0027] Multiple wicks **150** can be placed in lid/candle holder **120** for a desired style of candle. When the wick **150** is lit with a flame, the wax candle beads **140** melt and release their scent. More candle beads **140** can be added as needed to keep the candle burning. When the candle is no longer desired, the flame can be put out and lid/candle holder **120** can be placed back on top of container **120** when cooled. Container **110** can then be moved or stored until it is desired to form a new candle. Wicks **150** can burn for many hours adding fragrance to a room or place.

[0028] In one embodiment lid/candle holder **120** has a flat portion on its top so lid/candle holder **120** does not lean. In another embodiment, lid/candle holder **120** has a top with different leveled portions with a flat portion at its top (when on container **110**) that allows air to circulate to the other leveled portions when in use for holding a formed candle.

[0029] Container **110** may be used to extinguish a flame from a candle formed in lid/candle holder **110** by placing its bottom over lid/candle holder **110** until the oxygen is used up and the flame is extinguished.

[0030] FIG. **7** illustrates a block diagram of a process **700** for forming a candle from system **100**. In block **710** a plurality of candle beads **140** and a plurality of wicks **150** are stored in container **110** having a lid/candle holder **120**. In block **720** lid/candle holder **120** is removed from container **110**. In block **730**, at least one wick **150** and a plurality of candle beads **140** are transferred from container **110** to lid **120**. The portion of the plurality of candle beads **140** cover base portion **160** of the wick **150**. In block **740** the wicking portion **170** is lit with a flame. The plurality of beads and the lighted wick form a candle in the lid/candle holder **120**. The lid/candle holder can then be moved where the scented candle is desired to add fragrance to a room or place.

[0031] System **100** allows a person to form a candle whenever desired. System **100** conveniently stores wicks **150** and candle beads **140** in container **110**, together with lid/candle holder **120**. More candle beads **140** and wicks **150** can be added to container **110** as necessary. With system **100**, a person can always make a candle when desired in lid/candle holder **120** instead of having to purchase an existing candle, or having wicks, candle beads, and a candle holder or dish located in many different places.

[0032] Reference in the specification to "an embodiment," "one embodiment," "some embodiments," or "other embodiments" means that a particular feature, structure, or characteristic described in connection with the embodiments is included in at least some embodiments, but not necessarily all embodiments. The various appearances of "an embodiment," "one embodiment," or "some embodiments" are not necessarily all referring to the same embodiments. If the specification states a component, feature, structure, or characteristic "may", "might", or "could" be included, that particular component, feature, structure, or characteristic is not required to be included. If the specification or claim refers to "a" or "an" element, that does not mean there is only one of the element. If the specification or claims refer to "an additional" element, that does not preclude there being more than one of the additional element.

[0033] While certain exemplary embodiments have been described and shown in the accompanying drawings, it is to be understood that such embodiments are merely illustrative of and not restrictive on the broad invention, and that this invention not be limited to the specific constructions and arrangements shown and described, since various other modifications may occur to those ordinarily skilled in the art.

What is claimed is:

1. A system comprising:
a container;
a lid removably coupled to the container;
a plurality of candle beads;
a plurality of wicks;
wherein the plurality of candle beads and wicks are stored in the container, and a candle is formed in the lid with at least one wick and a portion of the plurality of candle beads.

2. The system of claim **1**, wherein the plurality of candle beads are scented.

3. The system of claim **1**, wherein the plurality of wicks each include a metal base portion.

4. The system of claim **1**, wherein the container is made of one of a metal and a metal alloy.

5. The system of claim **1**, wherein the container is made of one of glass and a ceramic material.

6. A method comprising:
storing a plurality of candle beads and a plurality of wicks in a container having a lid;
removing the lid from the container;
transferring at least one wick of the plurality of wicks from the container to the lid;
transferring a portion of the plurality of candle beads from the container to the lid, the portion of the plurality of candle beads covering a base portion of the wick; and
lighting the wick with a flame.

7. The method of claim **6**, wherein the plurality of beads and the lighted wick form a candle in the lid.

8. A system comprising:
a container including a lid;
a plurality of wax beads and a plurality of wicks, the plurality of wax beads and wicks are stored in the container; and
a candle formed in the lid with at least one wick of the plurality of wicks and a portion of the plurality of wax beads.

9. The system of claim **8**, wherein the plurality of wax beads are scented.

10. The system of claim **8**, wherein the plurality of wicks each include a metal base portion.

11. The system of claim **8**, wherein the container is made of one of a metal and a metal alloy.

12. The system of claim **8**, wherein the container is made of one of glass and a ceramic material.

13. A method comprising:

forming a candle in a lid of a container, the forming includes:

removing the lid from a container;

transferring at least one wick of a plurality of wicks stored in the container to the lid;

transferring a portion of a plurality of candle beads stored in the container to the lid, the portion of the plurality of candle beads covering a base portion of the at least one wick; and

lighting the wick with a flame.

14. The method of claim **13**, further comprising:

moving the lid to a desired location.

15. A system comprising:

a container;

a lid removably coupled to the container, the lid having a flat top portion;

a plurality of wax beads and a plurality of wicks are stored in the container; and

a candle is formed in the lid by transferring at least one wick of the plurality of wicks and a portion of the plurality of wax beads from the container to the lid.

16. The system of claim **15**, wherein the container is made of one of a metal and a metal alloy.

17. The system of claim **15**, wherein the container is made of one of glass and a ceramic material.

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