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PATENT - #US 10,653,276 B2

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and description of the invention are enclosed. The requirements
of law have been complied with, and it has been determined that
a patent on the invention shall be granted under the law.*

Therefore, this United States

Patent

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Andrew Iancu

DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Maintenance Fee Notice

If the application for this patent was filed on or after December 12, 1980, maintenance fees are due three years and six months, seven years and six months, and eleven years and six months after the date of this grant, or within a grace period of six months thereafter upon payment of a surcharge as provided by law. The amount, number and timing of the maintenance fees required may be changed by law or regulation. Unless payment of the applicable maintenance fee is received in the United States Patent and Trademark Office on or before the date the fee is due or within a grace period of six months thereafter, the patent will expire as of the end of such grace period.

Patent Term Notice

If the application for this patent was filed on or after June 8, 1995, the term of this patent begins on the date on which this patent issues and ends twenty years from the filing date of the application or, if the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121, 365(c), or 386(c), twenty years from the filing date of the earliest such application ("the twenty-year term"), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b), and any extension as provided by 35 U.S.C. 154(b) or 156 or any disclaimer under 35 U.S.C. 253.

If this application was filed prior to June 8, 1995, the term of this patent begins on the date on which this patent issues and ends on the later of seventeen years from the date of the grant of this patent or the twenty-year term set forth above for patents resulting from applications filed on or after June 8, 1995, subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b) and any extension as provided by 35 U.S.C. 156 or any disclaimer under 35 U.S.C. 253.

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(54) **CONTAINER AND LID ORGANIZER**

(56) **References Cited**

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CPC **A47J 47/16** (2013.01); **B65D 55/16**
(2013.01); **A47J 47/00** (2013.01)

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USPC 211/41.3, 41.5, 41.6; 248/125.8, 188.5,
248/326, 333; 206/515, 519, 505, 506,
206/499; 220/737

See application file for complete search history.

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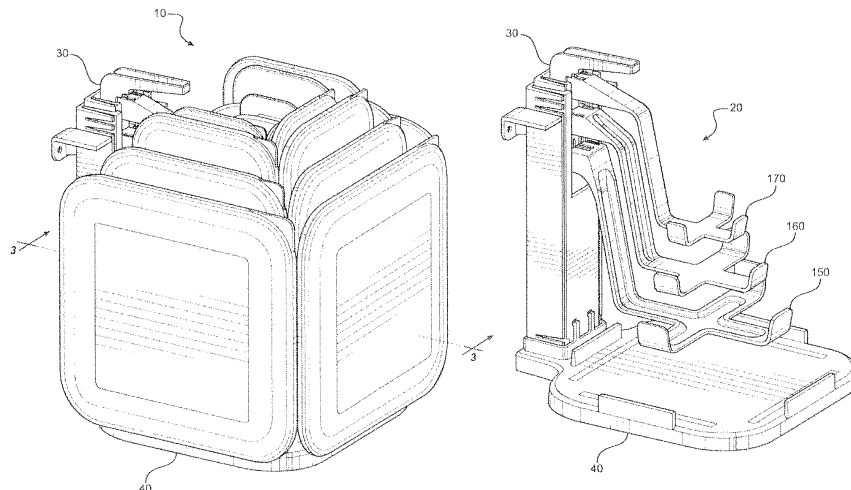
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(57) **ABSTRACT**

A container and lid storage device is provided. The container and lid storage device includes a telescopic spine connected to a planar base, wherein the telescopic spine provides a plurality of support arms movable between a collapsed condition and an extended condition. A support hand is provided along a distal end of each support arm, each support hand dimensioned and adapted for supporting a plurality of containers, wherein each support hand is adapted to support a predetermined size different than that of an adjacent support hand. As a result, in the collapsed condition the support hand nests in downwardly adjacent containers.

6 Claims, 9 Drawing Sheets



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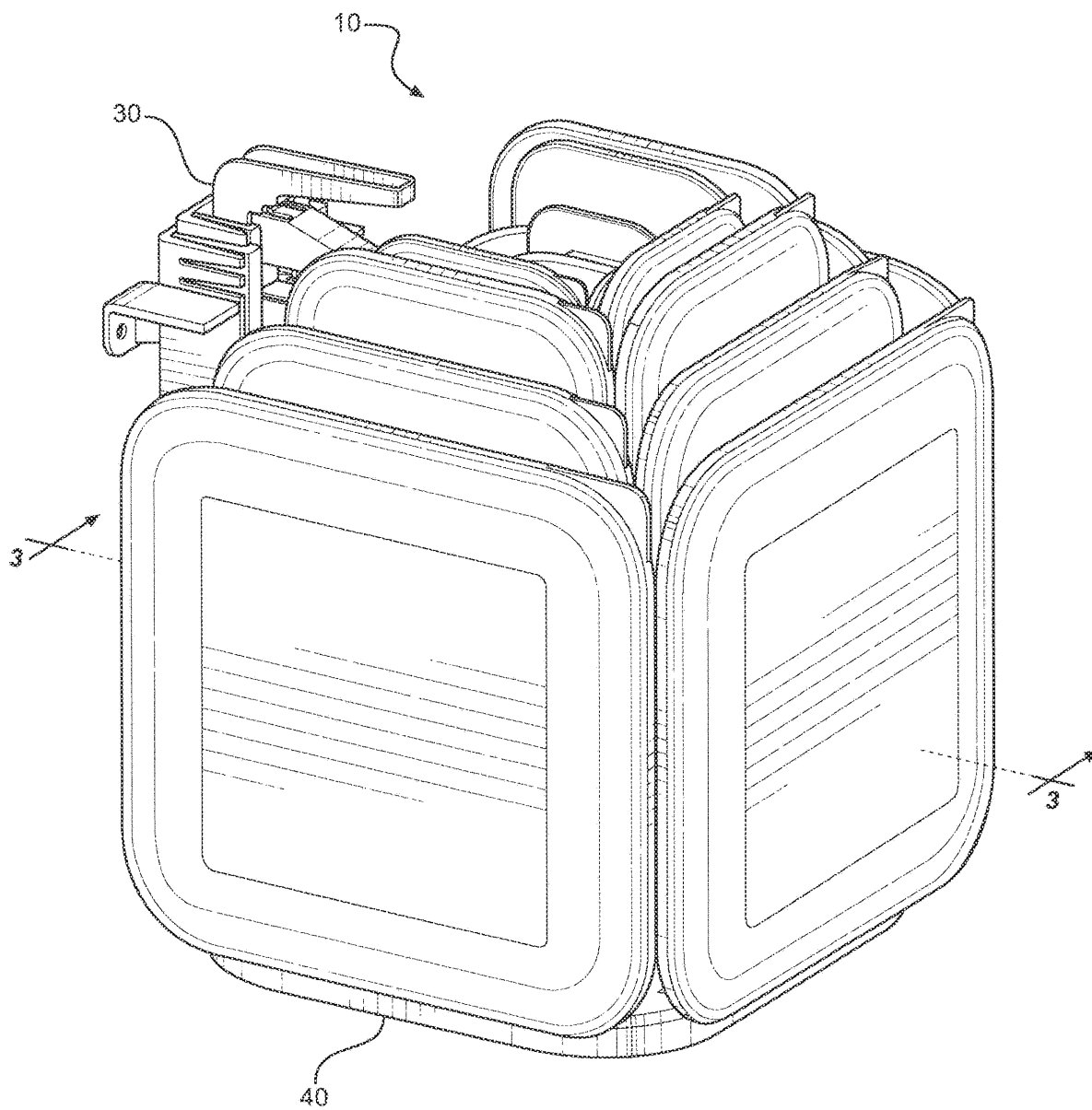


FIG. 1

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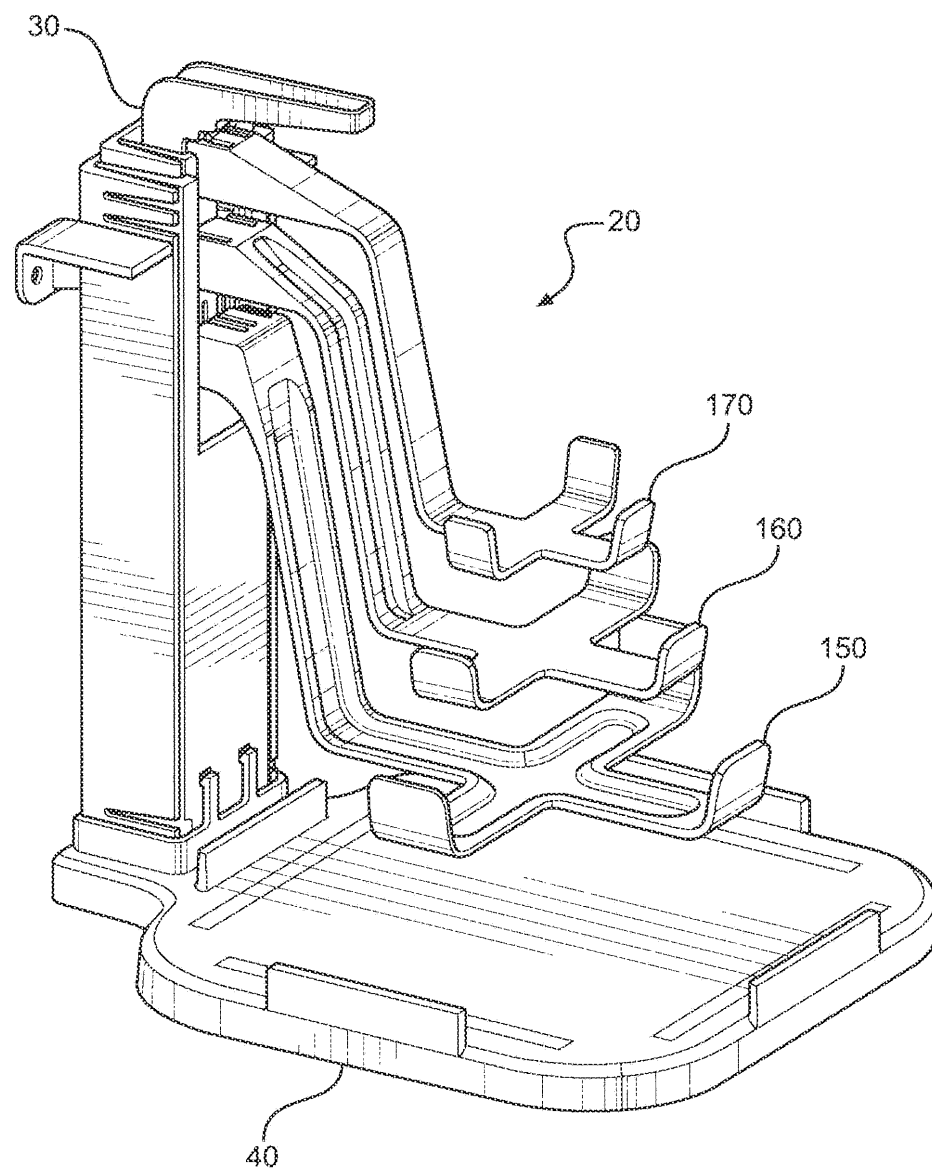
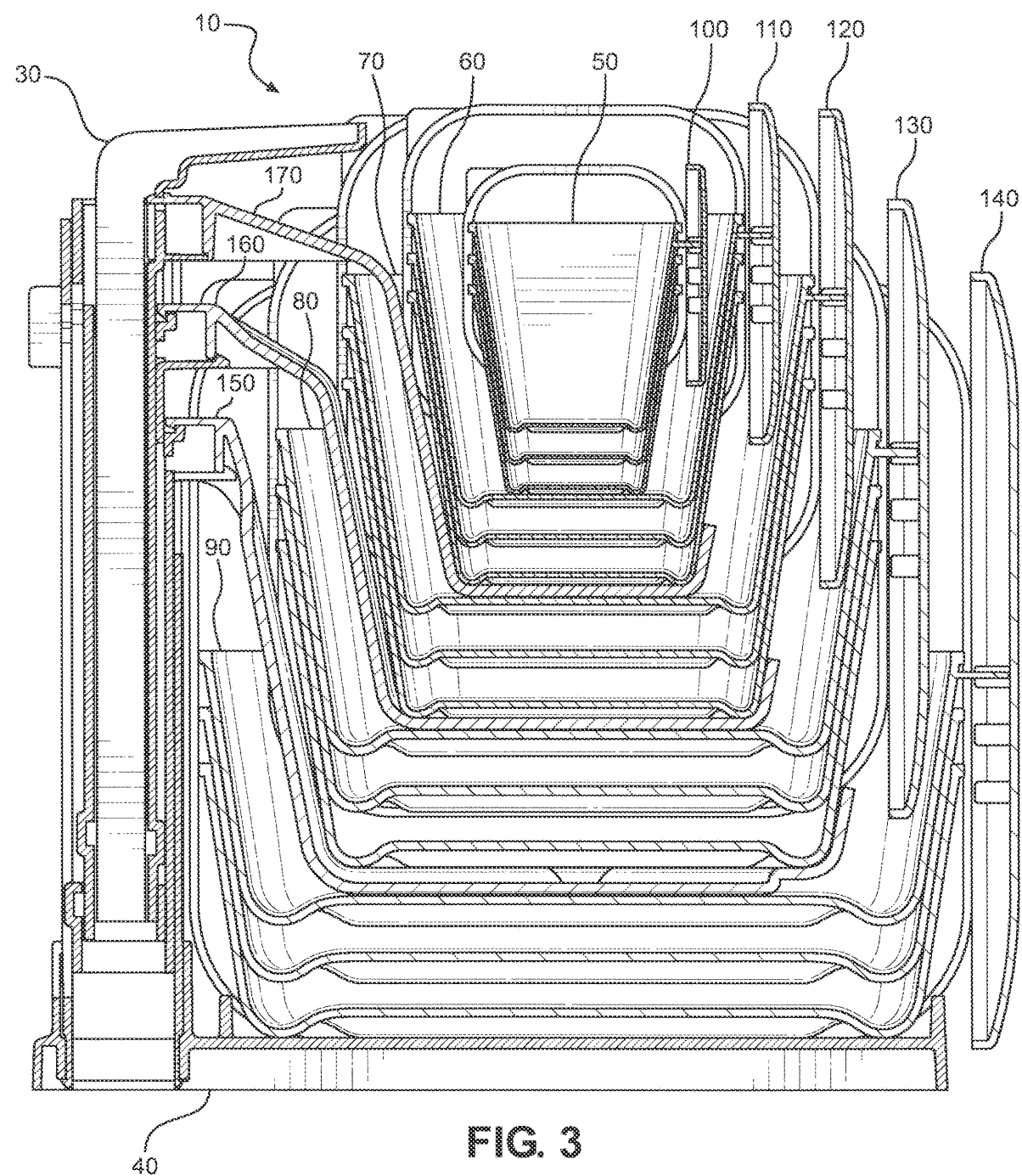


FIG. 2

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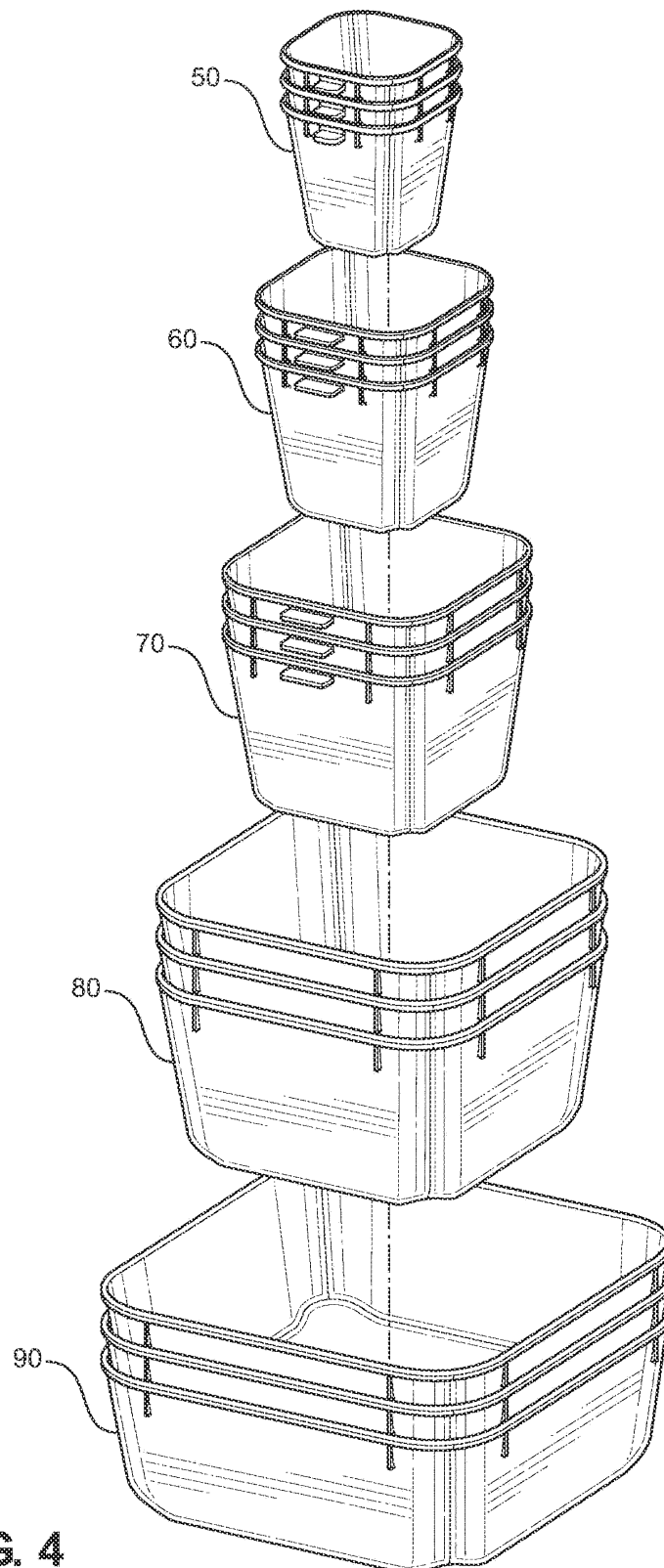


FIG. 4

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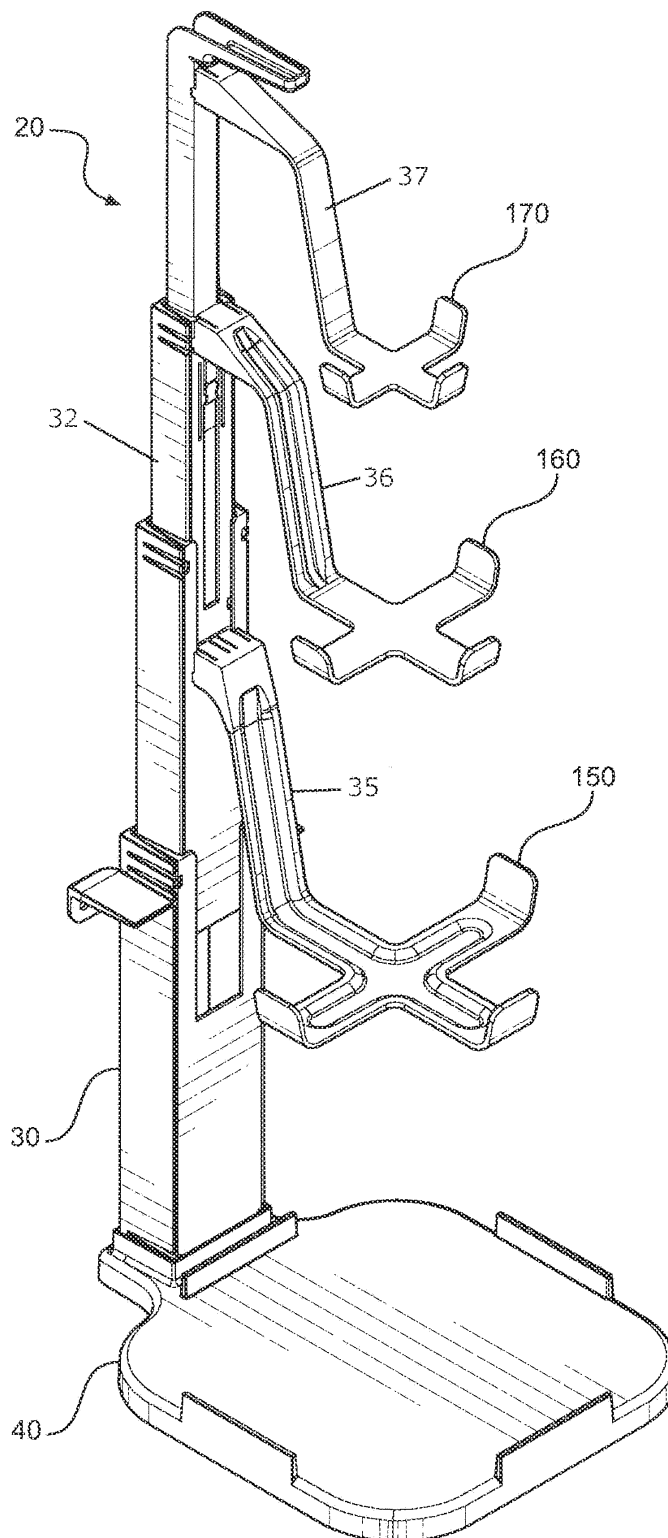


FIG. 5

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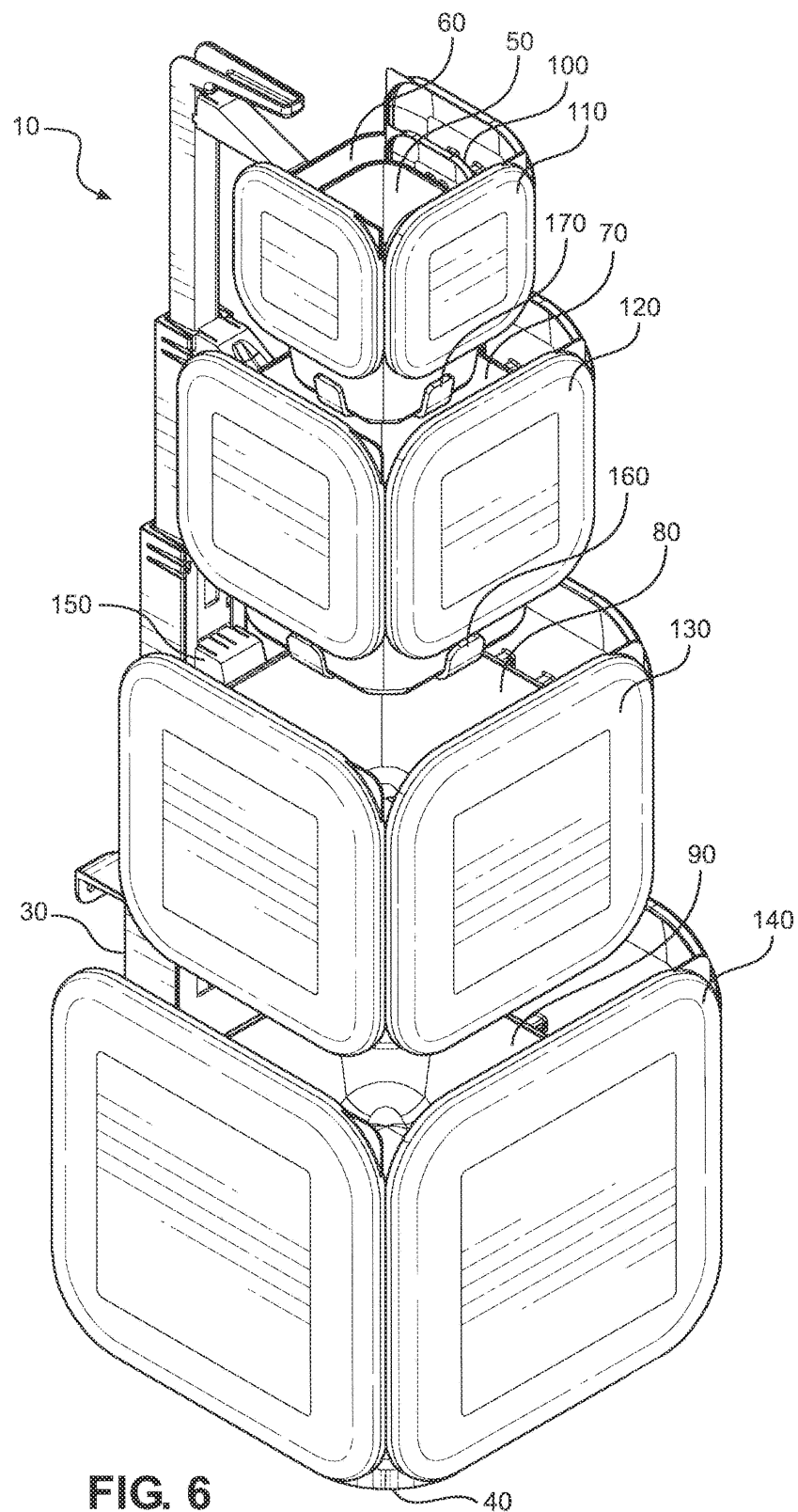


FIG. 6

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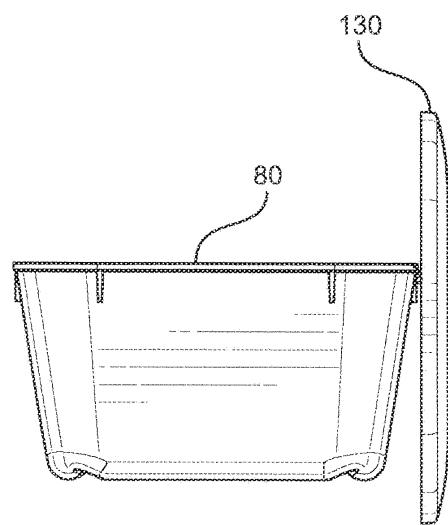


FIG. 7

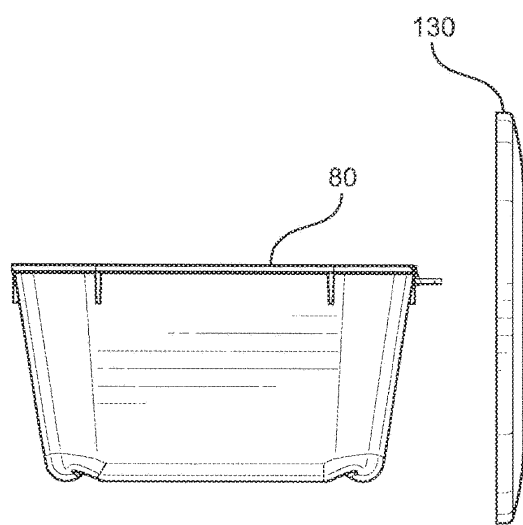


FIG. 8

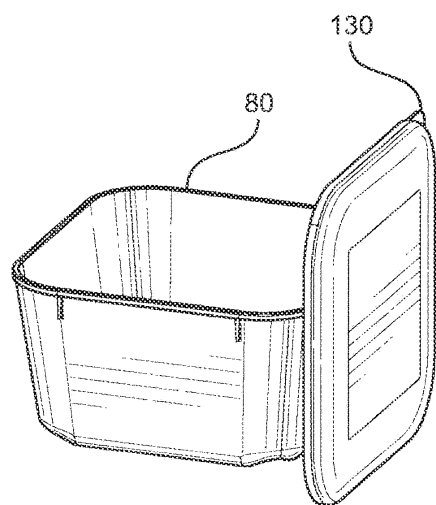


FIG. 9

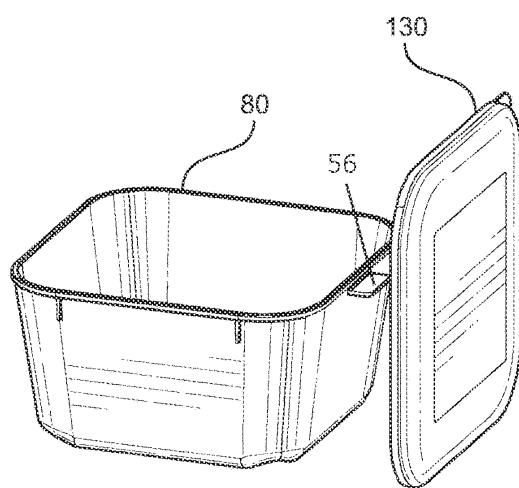


FIG. 10

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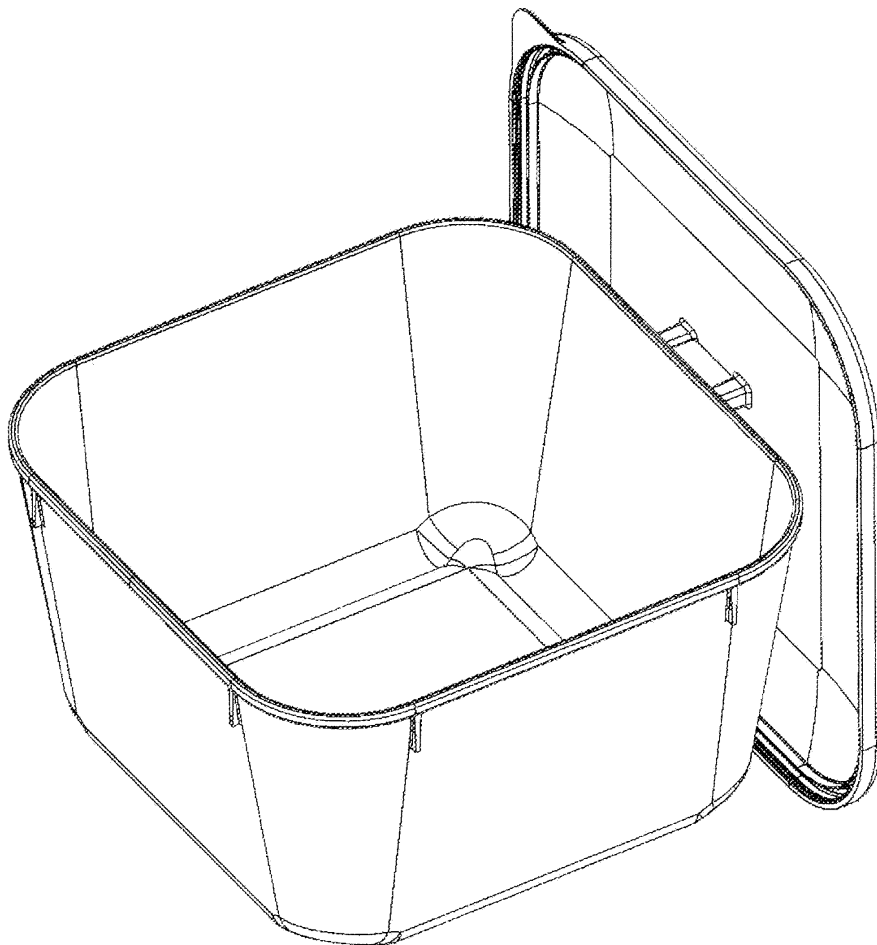


FIG. 11

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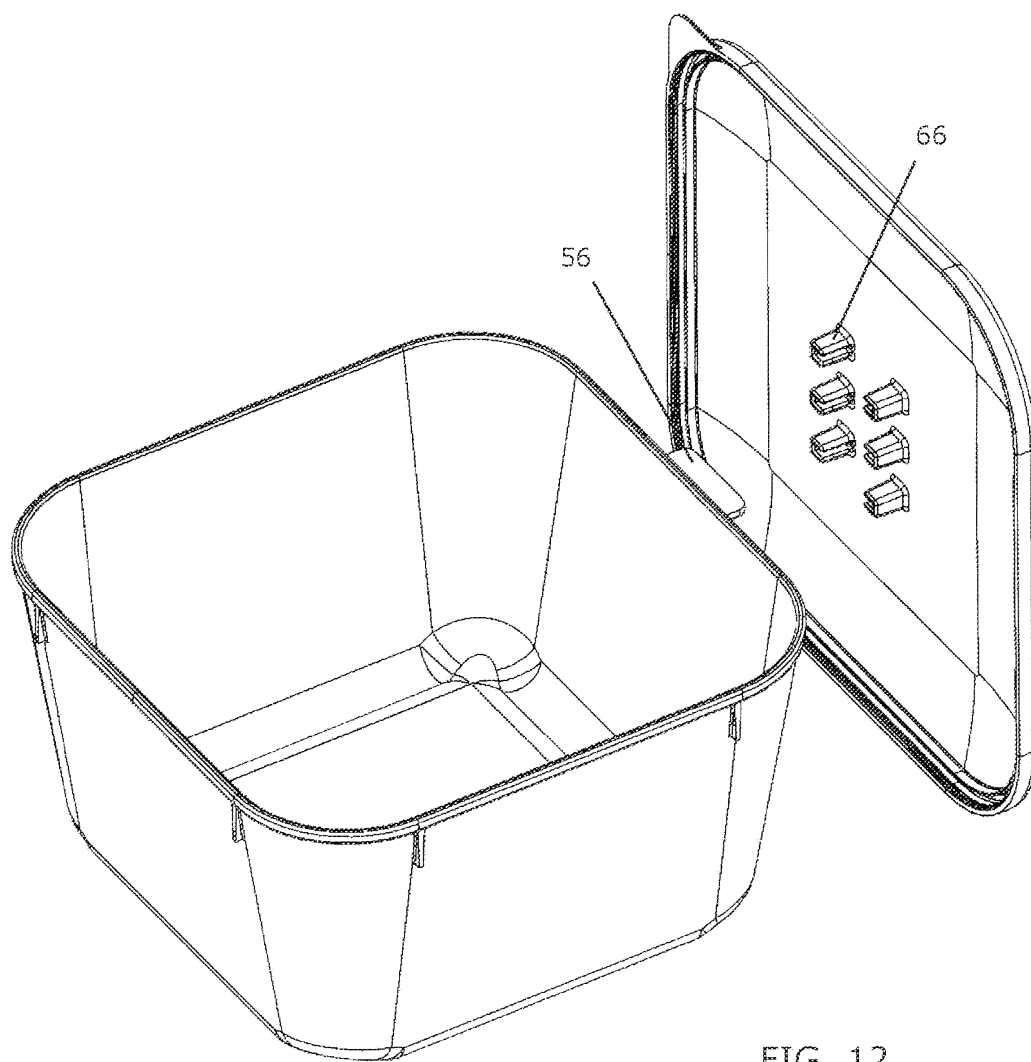


FIG. 12

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CONTAINER AND LID ORGANIZER

CROSS-REFERENCE TO RELATED APPLICATION

This application claims the benefit of priority of U.S. provisional application No. 62/748,007, filed 19 Oct. 2018, the contents of which are herein incorporated by reference.

BACKGROUND OF THE INVENTION

The present invention relates to container storage and, more particularly, to a container and lid organizing and stacking device.

Containers with snap on lids for storing leftover food products are very common, and in fact most users have a plurality of such containers and lids of different sizes for storing different amounts of leftovers. Also common is that this collection of differently sized lids and containers is kept in a disorganized manner, demanding that the user hunt through and among their drawers, cabinets, basket, shelves, closets, pantries or other stored locations to find a complementary lid and container in a desired size.

As can be seen, there is a need for a container and lid organizing device embodying a system for stacking a plurality of containers and complementary lids of different sizes, shapes (e.g., round, oval, rectangular, square, hex, or the like), and materials (e.g., plastic, glass stainless steel, wood, or the like). The device of the present invention allows for all of these differently-sized containers and lids to be stored in one complete self-contained-kit in a stacked, nested orientation, thereby saving space. The present invention is adapted to be operable in any location, including most double high kitchen drawers, in standard adjustable shelved cabinets, on counter tops, or vertically mounted.

The present invention includes a plurality of telescopic arms, which are adapted to be selectively adjusted upward to reveal each container size for easy access and selectively adjusted downward in a collapsed storage condition, allowing containers of different sizes to be separately retained yet nested in each, adjacent larger size for concise storage in the self-contained unit.

The present invention may include specialized designed containers with associated lids adapted to attach not only to the top for airtight sealing but also to the side of the container. The systemic containers are dimensioned and adapted to nest down into the next larger size. The containers and lids may be colored coded by size and/or material for convenient identification and matching purposes. Thereby, the present invention improves the state of the art through nesting differently sized containers and lids into one concise unit by way of telescoping arms and operatively associated nesting baskets.

SUMMARY OF THE INVENTION

In one aspect of the present invention, a device for organizing lidded containers includes the following: a base; a telescopic spine extending upwardly from said base; the telescopic spine comprising a plurality of nestable spine portions so that the telescopic spine is movable between a collapsed condition and an extended condition; a support arm extending from each spine portion in a first direction over said base; a support hand provided by each distal end of each support arm, wherein each support hand is dimensioned to nest in an adjacent lower support hand in the nested condition, wherein each support arm extends gener-

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ally perpendicularly from the spine portion over the base and then continues to extend downwardly as it extends further away from the spine portion before extending in an orientation generally co-planar with the base.

5 In another aspect of the present invention, a system of organizing containers and associated lids includes the following: providing a device for organizing lidded containers including the above-mentioned device; providing at least one container of a plurality of predetermined sizes, wherein each predetermined size is dimensioned to be associated and supported by one of the plurality of support hands; and placing each container on the associated support hand so that in the collapsed condition each support hand upwardly adjacent of one of the at least one container of the plurality of predetermined sizes nests therein; providing a lid for each associated container, wherein each lid is attachable to said associated container; and further providing a color code distinguishing each predetermined size.

10 These and other features, aspects and advantages of the present invention will become better understood with reference to the following drawings, description and claims.

BRIEF DESCRIPTION OF THE DRAWINGS

25 FIG. 1 is a perspective view of an exemplary embodiment of the present invention, shown in use in a collapsed condition;

FIG. 2 is a perspective view of an exemplary embodiment of the present invention, demonstrating a base and spine assembly in the collapsed condition;

30 FIG. 3 is a section view of an exemplary embodiment of the present invention, taken along line 3-3 of FIG. 1;

FIG. 4 is an exploded view of an exemplary embodiment of a plurality of differently sized and nested containers of the present invention;

35 FIG. 5 is a perspective view of an exemplary embodiment of the present invention, demonstrating the base and spine assembly in an extended condition;

FIG. 6 is a perspective view of an exemplary embodiment of the present invention, demonstrating FIG. 5 in use removably retaining a plurality of containers and lids;

FIG. 7 is an elevation view of an exemplary embodiment of a container an associated lid of the present invention;

40 FIG. 8 is an elevation view of an exemplary embodiment of a container an associated lid of the present invention;

FIG. 9 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention;

FIG. 10 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention;

50 FIG. 11 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention; and

FIG. 12 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention.

DETAILED DESCRIPTION OF THE INVENTION

The following detailed description is of the best currently contemplated modes of carrying out exemplary embodiments of the invention. The description is not to be taken in a limiting sense, but is made merely for the purpose of illustrating the general principles of the invention, since the scope of the invention is best defined by the appended claims.

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Broadly, an embodiment of the present invention provides a container and lid storage device providing a telescopic spine connected to a planar base, wherein the telescopic spine provides a plurality of support arms movable between a collapsed condition and an extended condition. A support hand is provided along a distal end of each support arm, each support hand dimensioned and adapted for supporting a plurality of containers, wherein each support hand is adapted to support a predetermined size different than that of an adjacent support hand. As a result, in the collapsed condition the support hand nests in downwardly adjacent containers.

Referring to FIGS. 1 through 12, the present invention may include a container and lid storage device 10. The storage device 10 may include an elongated spine 30 perpendicularly attached to a planar base 40 defining a base and spine assembly 20. The spine 30 may include a plurality of telescopic portions 32 adapted to nest as the spine 30 collapses toward the base 40 so that the base and spine assembly 20 is movable between a collapsed condition (see FIG. 2) and an extended condition (see FIG. 5).

Each telescopic portion 32 may provide a support arm 35, 36, 37. It being understood that even though only three support arms are shown in the illustrations, there be more or less than three support arms as long as the present invention functions as disclosed herein. It should also be understood by those skilled in the art that the use of directional terms such as upper, lower, upward, downwardly, top and the like are used in relation to the illustrative embodiments as they are depicted in the figures: an upward direction (or upper) being toward the top of the corresponding figures and a downward direction (or lower) being toward the bottom of the corresponding figure.

Each support arm 35, 36, 37 may initially extend perpendicularly from the spine 30 over the base 40, and continue downwardly as it extends further away from the spine 30 before extending in an orientation generally co-planar with the base 40. A distal end of each support arm 35, 36, 37 provides a support basket or hand 150, 160, 170, wherein each support hand 150, 160, 170 may provide a planar palm portion and a plurality of spaced apart upwardly extending finger portions. The support arm and or support hand may have a recessed groove for structural support.

Each support hand 150, 160, 170 is dimensioned and adapted to support a plurality of nested containers 50, 60, 70, 80, 90 and associated lids 100, 110, 120, 130, 140, respectively. In such a supported condition the containers 50, 60, 70, 80, 90 may rest on the palm portion of each support hand 150, 160, 170.

Each lid and container pairing can form a removable side connection by way of a container tab 56 and lid attachment points 66 for removable connecting each container to the paired lid in a connected condition, as illustrated in FIGS. 7, 8, 9 and 10, and FIGS. 11 and 12. The lid attachment points 66 may be a spaced-apart array of a pair of attachment points, so that a user may selectively interlock or connect the lid to the container tab 56 at different relative elevations or points along the spaced apart pair of lid attachment points 66.

Each container and lid may be color coded by size and/or material to facilitate immediate size/material recognition of containers and their respective matching lids.

A method of using the present invention may include the following. The container and lid storage device 10 disclosed above may be provided. A user may move the container and lid storage device 10 to the extended condition for removably placing the containers 50, 60, 70, 80, 90 on their respective palm portions and removably attaching the asso-

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ciated lids 100, 110, 120, 130, 140, see FIG. 6. Thereby, each container and associated lid may be stored adjacent each other by size (and possibly color) for immediate size recognition.

Then the user may move the container and lid storage device 10 to the collapsed condition, as illustrated in FIGS. 1 and 3. In the collapsed condition, the hand portions are dimensioned and adapted to be received into the nested containers associated with the lower-adjacent support arm—i.e., the next-larger sized container—making for compact storage. By way of example, the hand portion 170 of support arm 37 is dimensioned and adapted to be received in the containers associated with and sized for adjacent support arm 36/support hand 160. As a result, in the collapsed condition, support arm 37 and associated containers nest into the containers associated with support arm 36, as illustrated in FIG. 3.

The container and lid storage device 10 can be mounted to the wall or cabinet, or any other vertical flat surface.

It should be understood, of course, that the foregoing relates to exemplary embodiments of the invention and that modifications may be made without departing from the spirit and scope of the invention as set forth in the following claims.

What is claimed is:

1. A stand, comprising:

a base;

a telescopic spine extending upwardly from said base; the telescopic spine comprising a plurality of nestable spine portions so that the telescopic spine is movable between a collapsed condition and an extended condition;

a support arm extending from each spine portion in a first direction over said base;

a support hand provided by each distal end of each support arm, wherein each support hand comprises a planar palm portion and a plurality of finger portions extending upwardly from each palm portion, wherein each hand is configured to support a container therein; wherein a corresponding first support hand is configured to nest in a corresponding adjacent lower support hand in the collapsed condition.

2. The stand of claim 1, wherein each support arm extends generally perpendicularly from the spine portion over the base and then continues to extend downwardly as it extends further away from the spine portion before extending in an orientation generally co-planar with the base.

3. A method of organizing containers and associated lids, comprising the steps of:

providing the stand of claim 2;

providing a plurality of containers having a plurality of predetermined sizes, wherein each container is dimensioned to be associated and supported by one of the support hands; and

placing each container on each corresponding support hand so that in the collapsed condition the containers nest within each other.

4. The method of organizing containers and associated lids of claim 3, further comprising the steps of:

providing a lid for each container, wherein each lid is attachable to each container respectively.

5. The method of organizing containers and associated lids of claim 4, comprising the steps of:

providing a connector tab on each container; each lid provides two or more attachment points dimensioned to removably attach to each container by way of each connector tab respectively.

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6. The method of organizing containers and associated
lids of claim 4, further comprising the steps of:
providing a color code to distinguish each predetermined
size.

* * * * *

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PATENT - #US 10,820,756 B2

*United
States
of
America*



The Director

of the United States Patent and Trademark Office has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this United States

Patent

grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Andres Ibanez
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

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PATENT - #US 10,820,756 B2

Maintenance Fee Notice

If the application for this patent was filed on or after December 12, 1980, maintenance fees are due three years and six months, seven years and six months, and eleven years and six months after the date of this grant, or within a grace period of six months thereafter upon payment of a surcharge as provided by law. The amount, number and timing of the maintenance fees required may be changed by law or regulation. Unless payment of the applicable maintenance fee is received in the United States Patent and Trademark Office on or before the date the fee is due or within a grace period of six months thereafter, the patent will expire as of the end of such grace period.

Patent Term Notice

If the application for this patent was filed on or after June 8, 1995, the term of this patent begins on the date on which this patent issues and ends twenty years from the filing date of the application or, if the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121, 365(c), or 386(c), twenty years from the filing date of the earliest such application ("the twenty-year term"), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b), and any extension as provided by 35 U.S.C. 154(b) or 156 or any disclaimer under 35 U.S.C. 253.

If this application was filed prior to June 8, 1995, the term of this patent begins on the date on which this patent issues and ends on the later of seventeen years from the date of the grant of this patent or the twenty-year term set forth above for patents resulting from applications filed on or after June 8, 1995, subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b) and any extension as provided by 35 U.S.C. 156 or any disclaimer under 35 U.S.C. 253.

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PATENT - #US 10,820,756 B2

(12) **United States Patent**
Krueger

(10) **Patent No.:** **US 10,820,756 B2**
(45) **Date of Patent:** **Nov. 3, 2020**

(54) **CONTAINER AND LID ORGANIZER**

(71) Applicant: **Jeffrey Allan Krueger**, Detroit Lakes,
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(72) Inventor: **Jeffrey Allan Krueger**, Detroit Lakes,
MN (US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **16/842,911**

(22) Filed: **Apr. 8, 2020**

(65) **Prior Publication Data**

US 2020/0229652 A1 Jul. 23, 2020

Related U.S. Application Data

(63) Continuation of application No. 16/525,753, filed on
Jul. 3, 2019, now Pat. No. 10,653,276.

(60) Provisional application No. 62/748,007, filed on Oct.
19, 2018.

(51) **Int. Cl.**

A47J 36/12 (2006.01)

A47J 47/16 (2006.01)

B65D 55/16 (2006.01)

A47J 47/00 (2006.01)

(52) **U.S. Cl.**

CPC **A47J 47/16** (2013.01); **B65D 55/16**
(2013.01); **A47J 47/00** (2013.01)

(58) **Field of Classification Search**

CPC B65D 21/0233; B65D 55/16; A47J 47/16;
A47J 36/06; A47J 36/12

USPC 220/744

See application file for complete search history.

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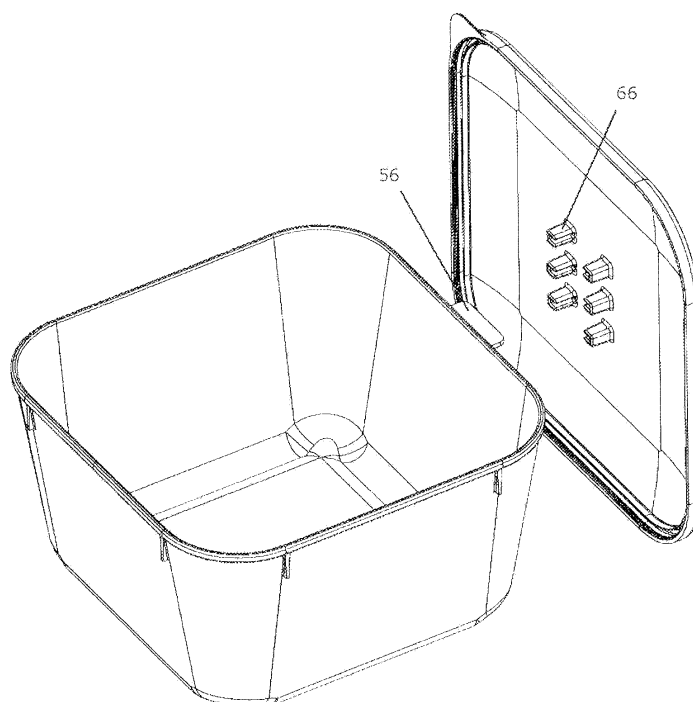
Primary Examiner — Stephen J Castellano

(74) *Attorney, Agent, or Firm* — Dunlap Bennett &
Ludwig, PLLC

(57) **ABSTRACT**

A container and lid storage device is provided. The container and lid storage device includes a telescopic spine connected to a planar base, wherein the telescopic spine provides a plurality of support arms movable between a collapsed condition and an extended condition. A support hand is provided along a distal end of each support arm, each support hand dimensioned and adapted for supporting a plurality of containers, wherein each support hand is adapted to support a predetermined size different than that of an adjacent support hand. As a result, in the collapsed condition the support hand nests in downwardly adjacent containers.

6 Claims, 9 Drawing Sheets



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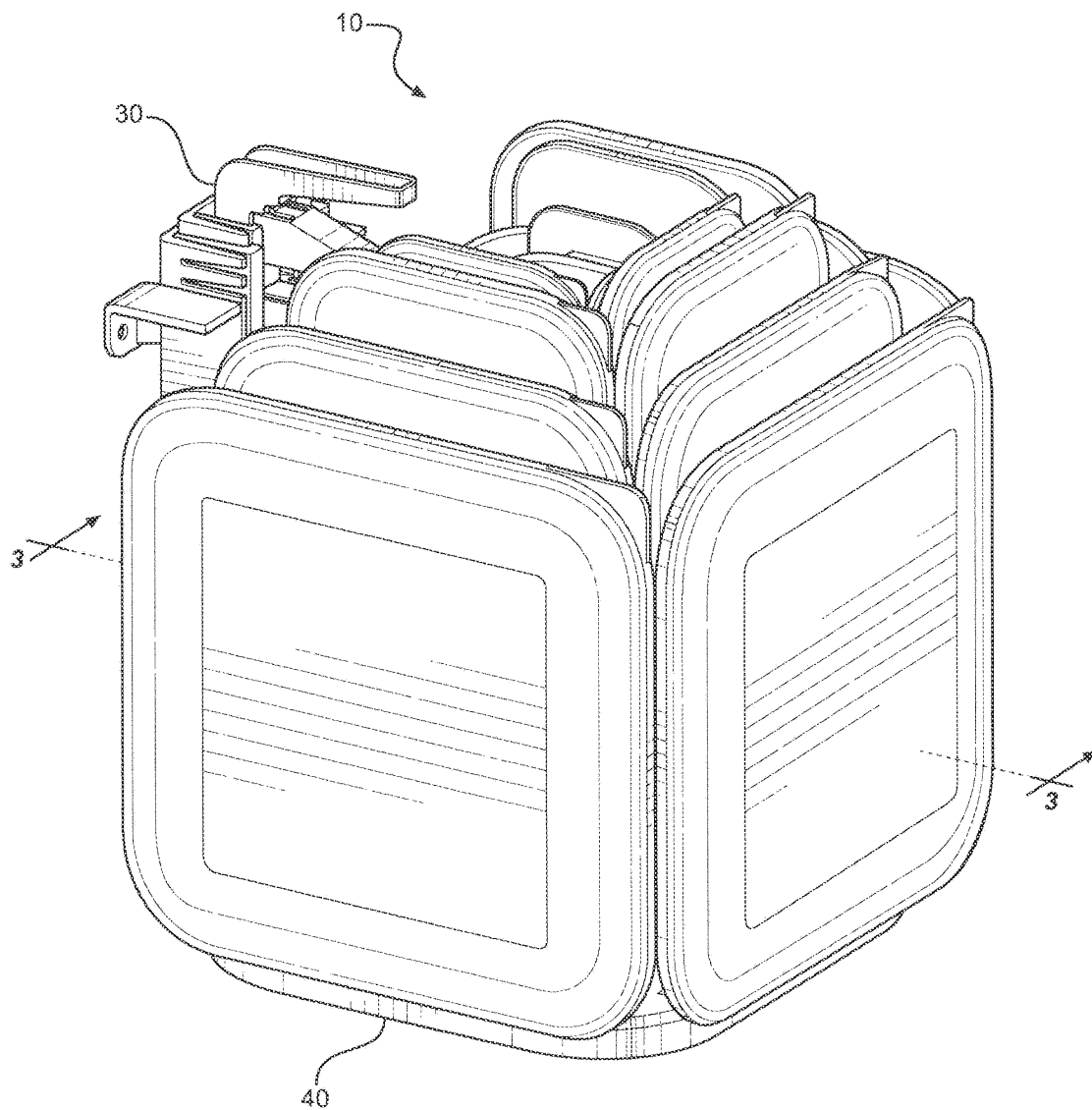


FIG. 1

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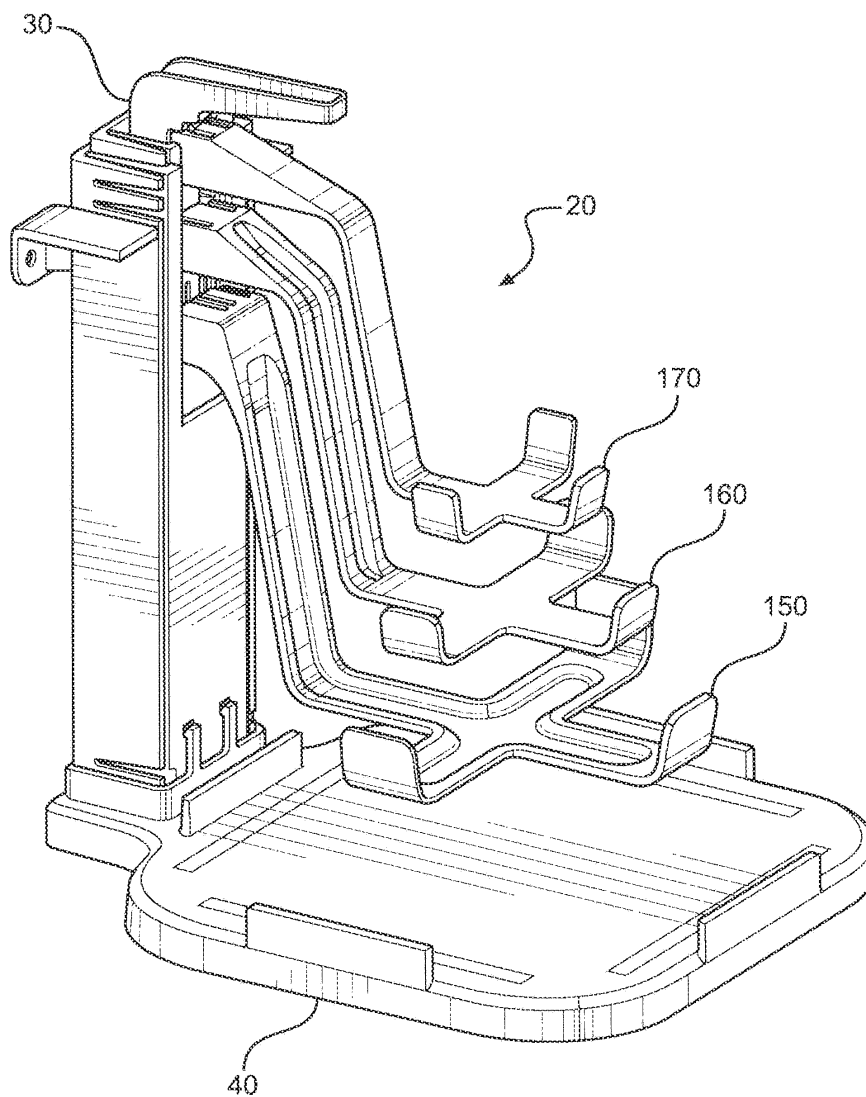


FIG. 2

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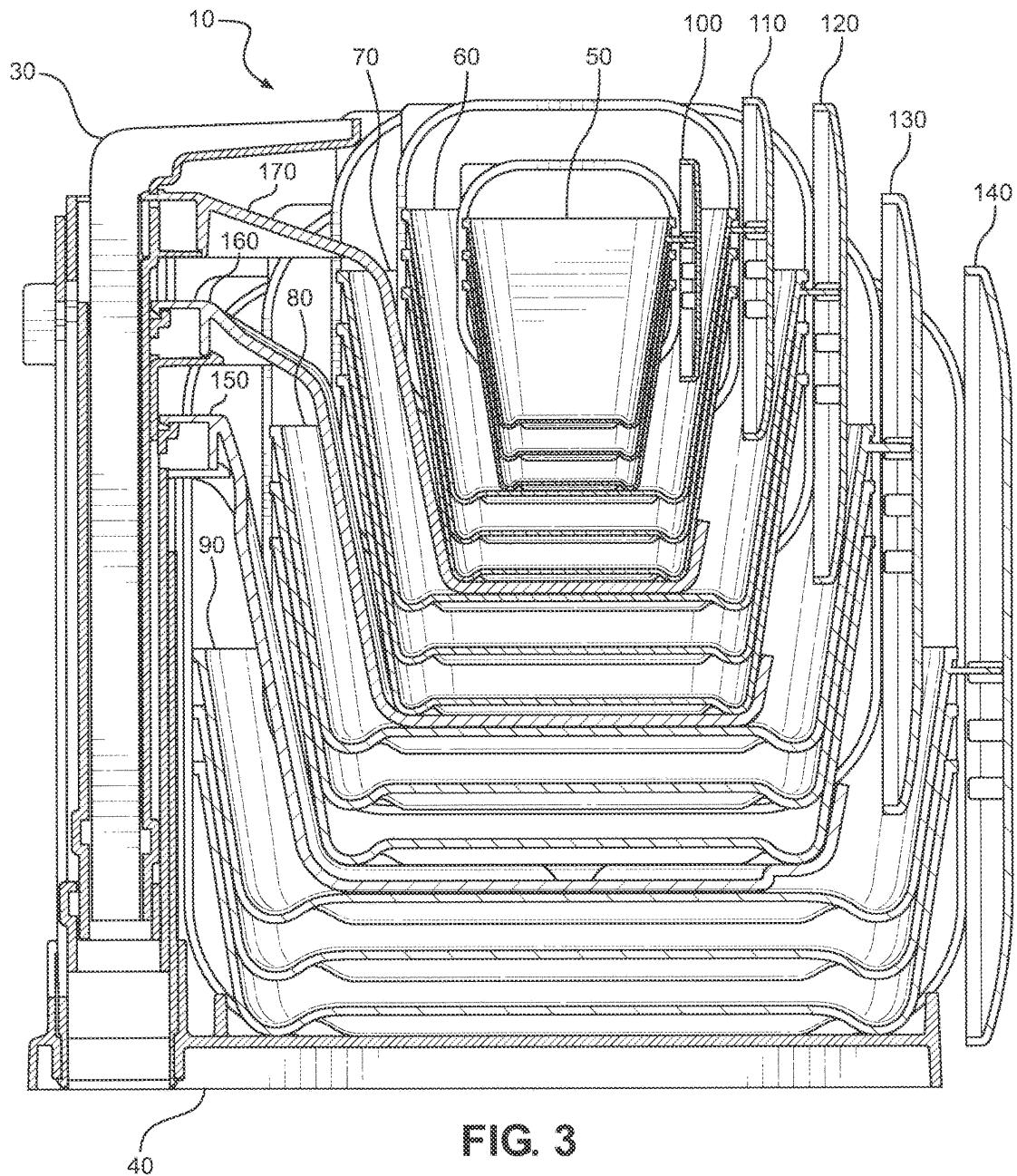
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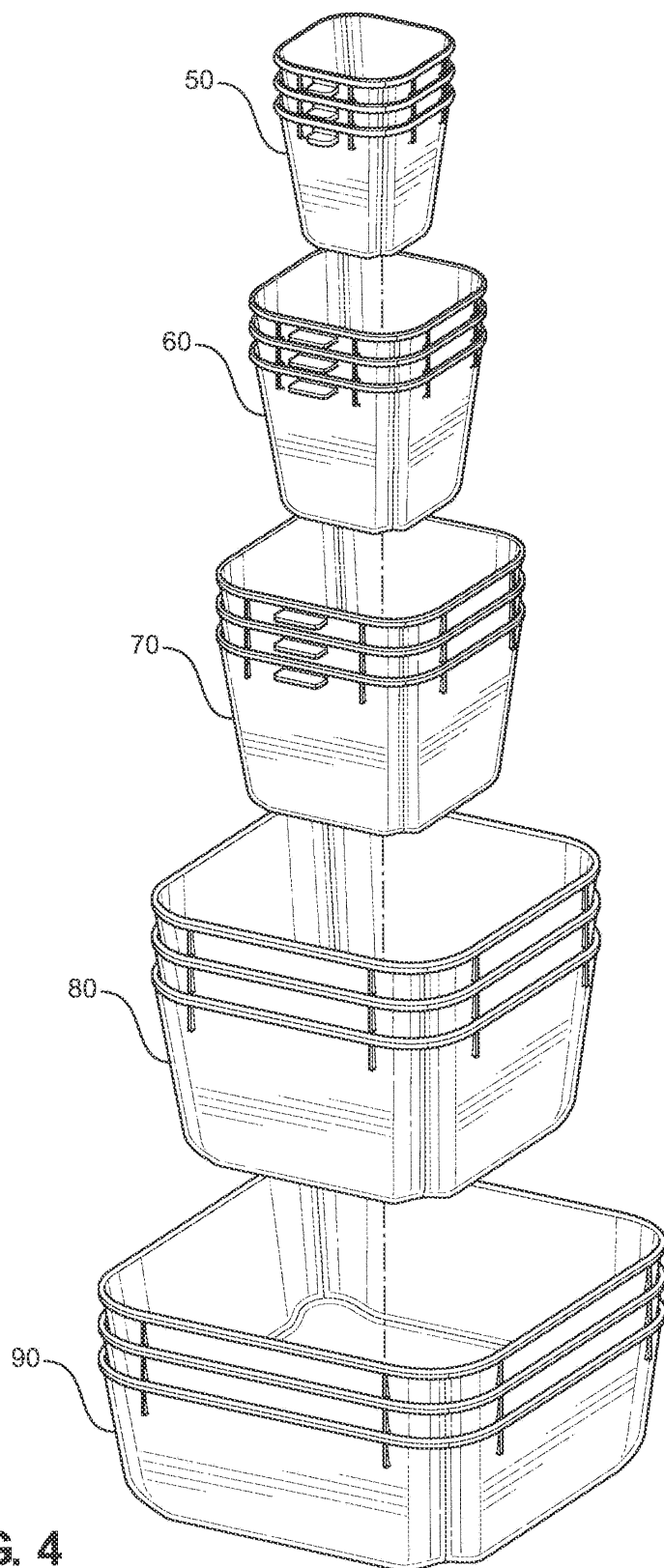


FIG. 4

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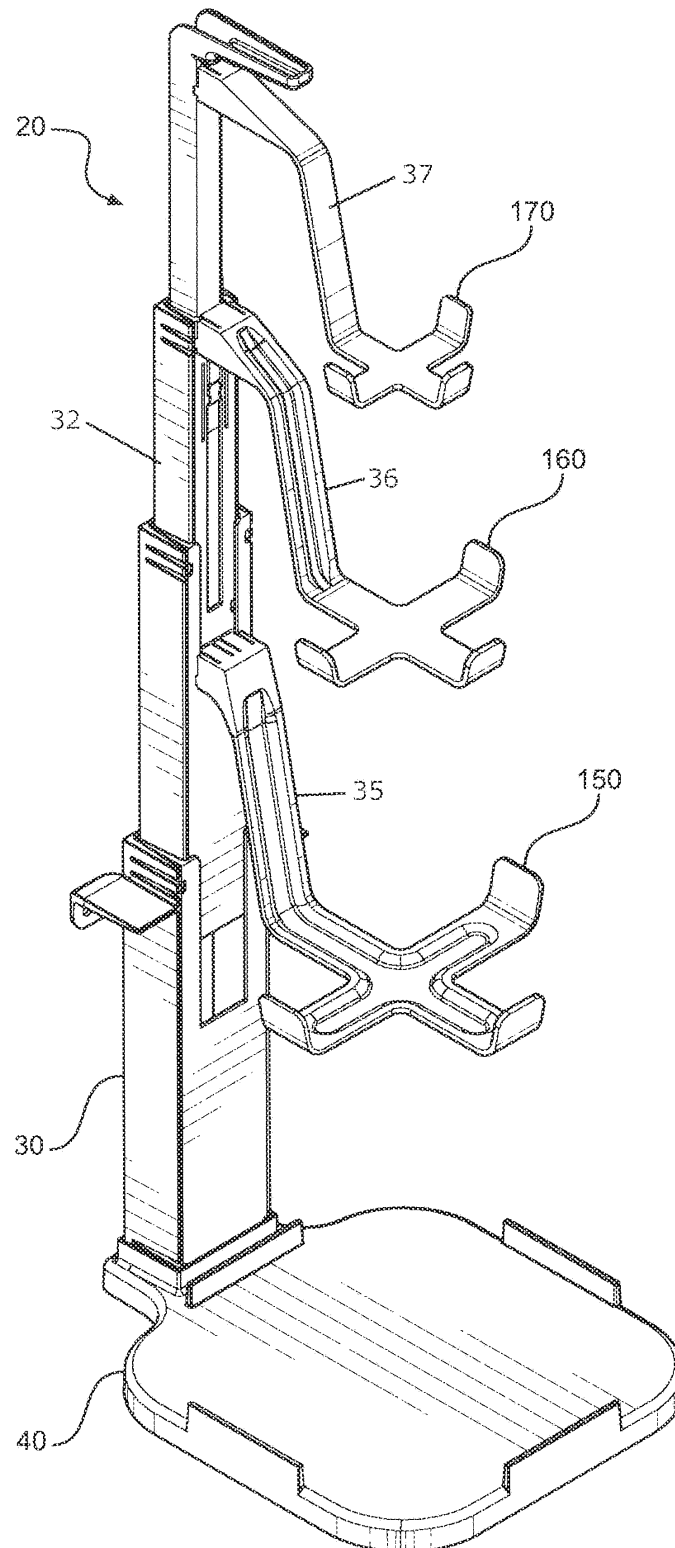


FIG. 5

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FIG. 6

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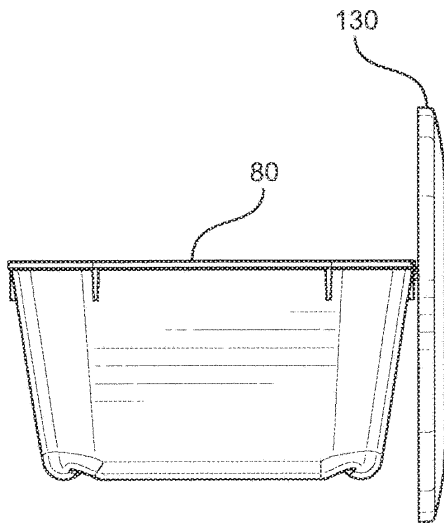


FIG. 7

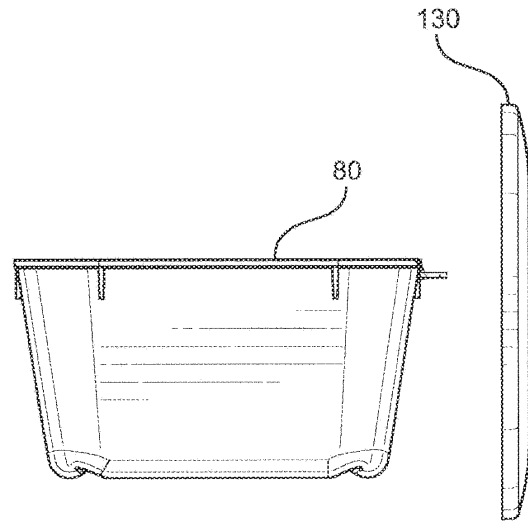


FIG. 8

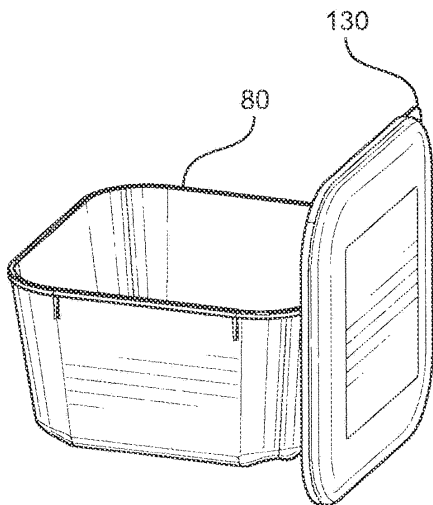


FIG. 9

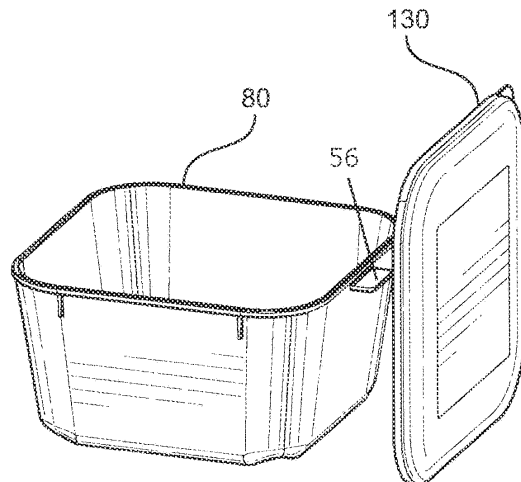


FIG. 10

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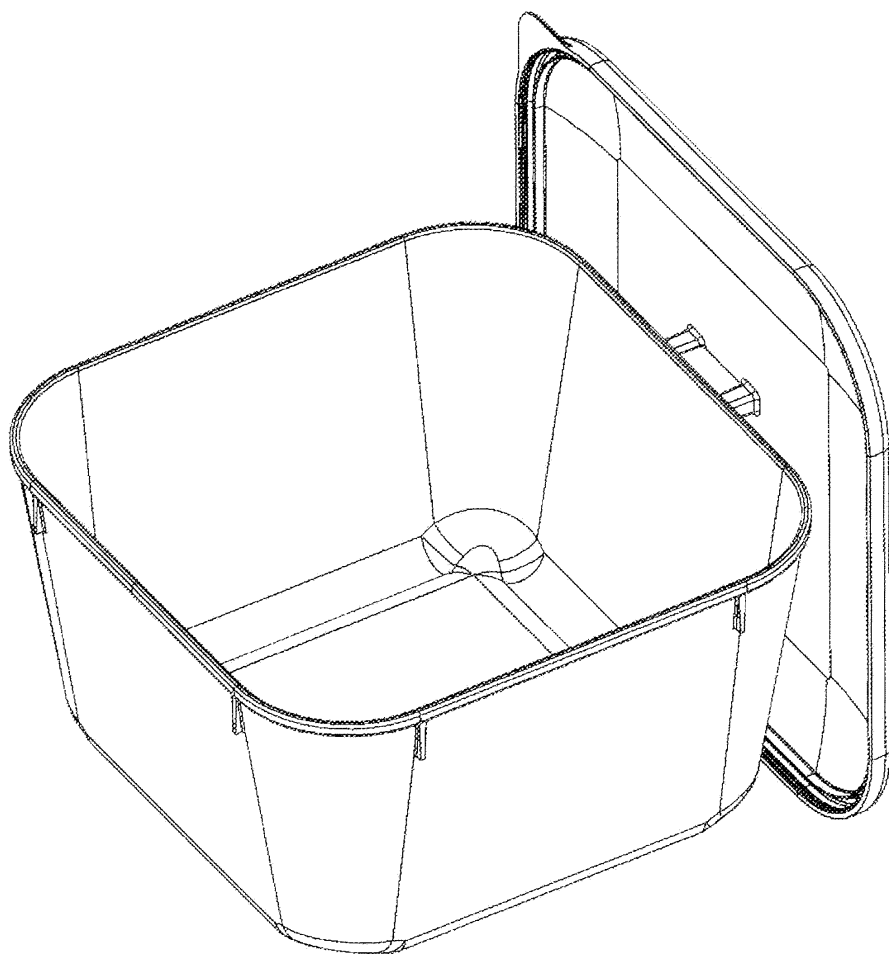


FIG. 11

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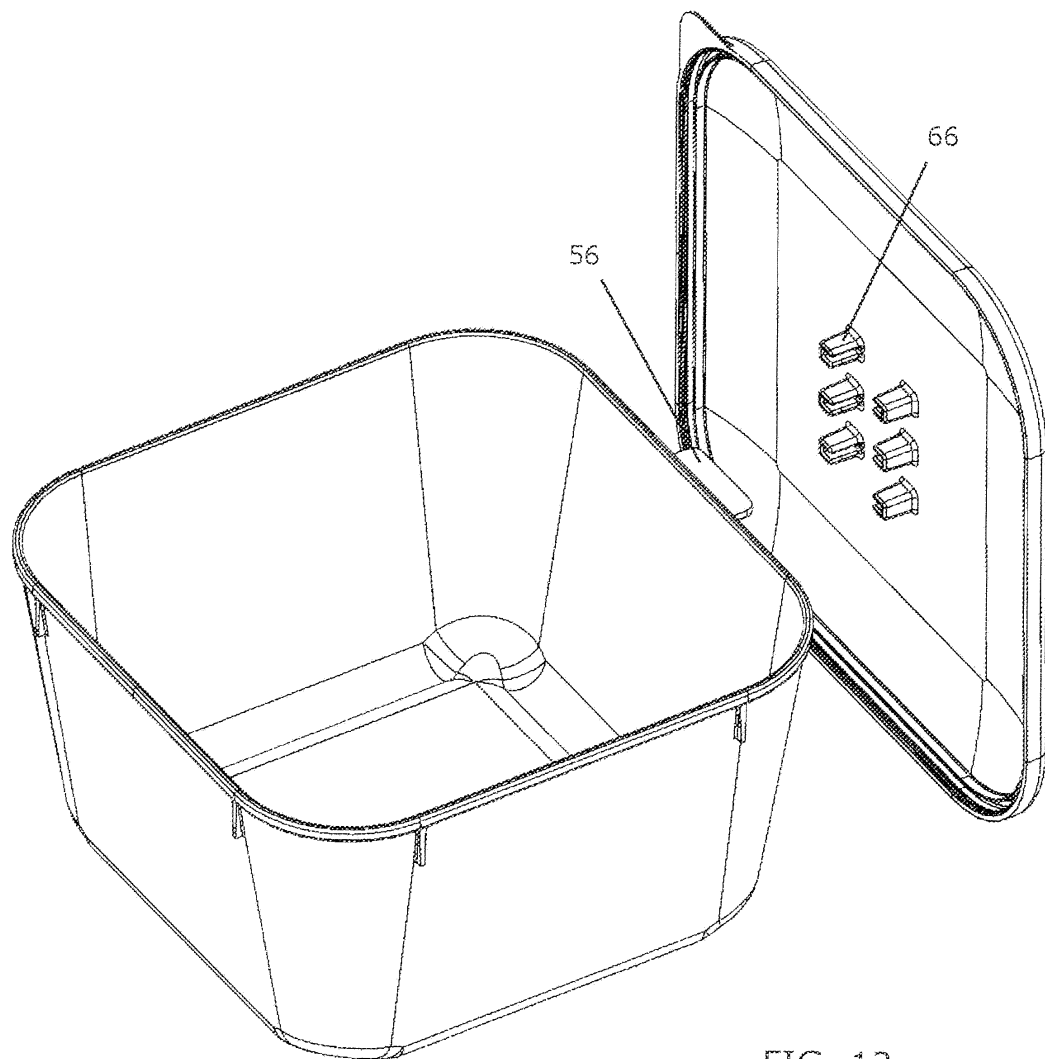


FIG. 12

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CONTAINER AND LID ORGANIZER

CROSS-REFERENCE TO RELATED APPLICATION

This application claims the benefit of priority of U.S. provisional application No. 62/748,007, filed 19 Oct. 2018, and application claims the benefit of priority, as a continuation, of U.S. non-provisional application Ser. No. 16/525,753, filed 30 Jul. 2019, now U.S. Pat. No. 10,653,276, the contents of which are herein incorporated by reference.

BACKGROUND OF THE INVENTION

The present invention relates to container storage and, more particularly, to a container and lid organizing and stacking device.

Containers with snap on lids for storing leftover food products are very common, and in fact most users have a plurality of such containers and lids of different sizes for storing different amounts of leftovers. Also common is that this collection of differently sized lids and containers is kept in a disorganized manner, demanding that the user hunt through and among their drawers, cabinets, basket, shelves, closets, pantries or other stored locations to find a complementary lid and container in a desired size.

As can be seen, there is a need for a container and lid organizing device embodying a system for stacking a plurality of containers and complementary lids of different sizes, shapes (e.g., round, oval, rectangular, square, hex, or the like), and materials (e.g., plastic, glass stainless steel, wood, or the like). The device of the present invention allows for all of these differently-sized containers and lids to be stored in one complete self-contained-kit in a stacked, nested orientation, thereby saving space. The present invention is adapted to be operable in any location, including most double high kitchen drawers, in standard adjustable shelved cabinets, on counter tops, or vertically mounted.

The present invention includes a plurality of telescopic arms, which are adapted to be selectively adjusted upward to reveal each container size for easy access and selectively adjusted downward in a collapsed storage condition, allowing containers of different sizes to be separately retained yet nested in each, adjacent larger size for concise storage in the self-contained unit.

The present invention may include specialized designed containers with associated lids adapted to attach not only to the top for airtight sealing but also to the side of the container. The systemic containers are dimensioned and adapted to nest down into the next larger size. The containers and lids may be colored coded by size and/or material for convenient identification and matching purposes. Thereby, the present invention improves the state of the art through nesting differently sized containers and lids into one concise unit by way of telescoping arms and operatively associated nesting baskets.

SUMMARY OF THE INVENTION

In one aspect of the present invention, a device for organizing lidded containers includes the following: a base; a telescopic spine extending upwardly from said base; the telescopic spine comprising a plurality of nestable spine portions so that the telescopic spine is movable between a collapsed condition and an extended condition; a support arm extending from each spine portion in a first direction over said base; a support hand provided by each distal end

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of each support arm, wherein each support hand is dimensioned to nest in an adjacent lower support hand in the nested condition, wherein each support arm extends generally perpendicularly from the spine portion over the base and then continues to extend downwardly as it extends further away from the spine portion before extending in an orientation generally co-planar with the base.

In another aspect of the present invention, a system of organizing containers and associated lids includes the following: providing a device for organizing lidded containers including the above-mentioned device; providing at least one container of a plurality of predetermined sizes, wherein each predetermined size is dimensioned to be associated and supported by one of the plurality of support hands; and placing each container on the associated support hand so that in the collapsed condition each support hand upwardly adjacent of one of the at least one container of the plurality of predetermined sizes nests therein; providing a lid for each associated container, wherein each lid is attachable to said associated container; and further providing a color code distinguishing each predetermined size.

These and other features, aspects and advantages of the present invention will become better understood with reference to the following drawings, description and claims.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a perspective view of an exemplary embodiment of the present invention, shown in use in a collapsed condition;

FIG. 2 is a perspective view of an exemplary embodiment of the present invention, demonstrating a base and spine assembly in the collapsed condition;

FIG. 3 is a section view of an exemplary embodiment of the present invention, taken along line 3-3 of FIG. 1;

FIG. 4 is an exploded view of an exemplary embodiment of a plurality of differently sized and nested containers of the present invention;

FIG. 5 is a perspective view of an exemplary embodiment of the present invention, demonstrating the base and spine assembly in an extended condition;

FIG. 6 is a perspective view of an exemplary embodiment of the present invention, demonstrating FIG. 5 in use removably retaining a plurality of containers and lids;

FIG. 7 is an elevation view of an exemplary embodiment of a container an associated lid of the present invention;

FIG. 8 is an elevation view of an exemplary embodiment of a container an associated lid of the present invention;

FIG. 9 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention;

FIG. 10 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention;

FIG. 11 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention; and

FIG. 12 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention.

DETAILED DESCRIPTION OF THE INVENTION

The following detailed description is of the best currently contemplated modes of carrying out exemplary embodiments of the invention. The description is not to be taken in a limiting sense, but is made merely for the purpose of

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illustrating the general principles of the invention, since the scope of the invention is best defined by the appended claims.

Broadly, an embodiment of the present invention provides a container and lid storage device providing a telescopic spine connected to a planar base, wherein the telescopic spine provides a plurality of support arms movable between a collapsed condition and an extended condition. A support hand is provided along a distal end of each support arm, each support hand dimensioned and adapted for supporting a plurality of containers, wherein each support hand is adapted to support a predetermined size different than that of an adjacent support hand. As a result, in the collapsed condition the support hand nests in downwardly adjacent containers.

Referring to FIGS. 1 through 12, the present invention may include a container and lid storage device 10. The storage device 10 may include an elongated spine 30 perpendicularly attached to a planar base 40 defining a base and spine assembly 20. The spine 30 may include a plurality of telescopic portions 32 adapted to nest as the spine 30 collapses toward the base 40 so that the base and spine assembly 20 is movable between a collapsed condition (see FIG. 2) and an extended condition (see FIG. 5).

Each telescopic portion 32 may provide a support arm 35, 36, 37. It being understood that even though only three support arms are shown in the illustrations, there be more or less than three support arms as long as the present invention functions as disclosed herein. It should also be understood by those skilled in the art that the use of directional terms such as upper, lower, upward, downwardly, top and the like are used in relation to the illustrative embodiments as they are depicted in the figures: an upward direction (or upper) being toward the top of the corresponding figures and a downward direction (or lower) being toward the bottom of the corresponding figure.

Each support arm 35, 36, 37 may initially extend perpendicularly from the spine 30 over the base 40, and continue downwardly as it extends further away from the spine 30 before extending in an orientation generally co-planar with the base 40. A distal end of each support arm 35, 36, 37 provides a support basket or hand 150, 160, 170, wherein each support hand 150, 160, 170 may provide a planar palm portion and a plurality of spaced apart upwardly extending finger portions. The support arm and or support hand may have a recessed groove for structural support.

Each support hand 150, 160, 170 is dimensioned and adapted to support a plurality of nested containers 50, 60, 70, 80, 90 and associated lids 100, 110, 120, 130, 140, respectively. In such a supported condition the containers 50, 60, 70, 80, 90 may rest on the palm portion of each support hand 150, 160, 170.

Each lid and container pairing can form a removable side connection by way of a container tab 56 and lid attachment points 66 for removably connecting each container to the paired lid in a connected condition, as illustrated in FIGS. 7, 8, 9 and 10, and FIGS. 11 and 12. The lid attachment points 66 may be a spaced-apart array of a pair of attachment points, so that a user may selectively interlock or connect the lid to the container tab 56 at different relative elevations or points along the spaced apart pair of lid attachment points 66.

Each container and lid may be color coded by size and/or material to facilitate immediate size/material recognition of containers and their respective matching lids.

A method of using the present invention may include the following. The container and lid storage device 10 disclosed above may be provided. A user may move the container and

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lid storage device 10 to the extended condition for removably placing the containers 50, 60, 70, 80, 90 on their respective palm portions and removably attaching the associated lids 100, 110, 120, 130, 140, see FIG. 6. Thereby, each container and associated lid may be stored adjacent each other by size (and possibly color) for immediate size recognition.

Then the user may move the container and lid storage device 10 to the collapsed condition, as illustrated in FIGS. 1 and 3. In the collapsed condition, the hand portions are dimensioned and adapted to be received into the nested containers associated with the lower-adjacent support arm—i.e., the next-larger sized container—making for compact storage. By way of example, the hand portion 170 of support arm 37 is dimensioned and adapted to be received in the containers associated with and sized for adjacent support arm 36/support hand 160. As a result, in the collapsed condition, support arm 37 and associated containers nest into the containers associated with support arm 36, as illustrated in FIG. 3.

The container and lid storage device 10 can be mounted to the wall or cabinet, or any other vertical flat surface.

It should be understood, of course, that the foregoing relates to exemplary embodiments of the invention and that modifications may be made without departing from the spirit and scope of the invention as set forth in the following claims.

What is claimed is:

1. A container and lid system, comprising:

a container having an opening defined by a periphery;
a tab protruding outwardly from the periphery;
a lid having an inner surface dimensioned to be at least coextensive with the opening when the lid is in a horizontal orientation; and
a plurality of attachment points provided along the inner surface, wherein each attachment point removably engages the tab when the lid is in a vertical orientation, wherein the plurality of attachment points is spaced apart in an array, and wherein the array is at least three attachment points are aligned in one vertical column.

2. The container and lid system of claim 1, wherein the array is at least nine attachment points are aligned in three vertical columns.

3. The container and lid system of claim 1, wherein each attachment point is a pair of flanges that are spaced apart to frictionally engage opposing sides of the tab.

4. A lid system for a plurality of containers in a nested condition, comprising:

each container has an opening defined by a periphery;
a tab protruding outwardly from the periphery;
each periphery protrudes a stacked distance from the periphery of an adjacent container of the plurality of containers in the nested condition;
a plurality of lids, each lid having an inner surface dimensioned to be at least coextensive with the opening when the lid is in a horizontal orientation; and
a plurality of attachment points vertically spaced apart by the stacked distance along said inner surface in a vertical alignment, wherein each attachment point removably engages said tab when the lid is in a vertical orientation,

whereby up to three containers of the plurality of containers in the nested condition engage a first, a second, and a third lid, respectively, of the plurality of lids wherein each lid terminates at a shared elevation.

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5. The lid system for a plurality of containers in a nested condition of claim 4, wherein the plurality of attachment points defines an array of at least three rows and at least three columns.

6. The lid system for a plurality of containers in a nested condition of claim 4, wherein each attachment point is a pair of flanges that are spaced apart to frictionally engage opposing sides of the tab.

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PATENT - #US 11,278,158, B2

*United
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of
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To Promote the Progress



of Science and Useful Arts

The Director

*of the United States Patent and Trademark Office has received
an application for a patent for a new and useful invention. The title
and description of the invention are enclosed. The requirements
of law have been complied with, and it has been determined that
a patent on the invention shall be granted under the law.*

Therefore, this United States

Patent

grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Donna H. Hult

Performing the Functions and Duties of the Under Secretary of Commerce for Intellectual Property and

Director of the United States Patent and Trademark Office

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(12) **United States Patent**
Krueger

(10) **Patent No.:** **US 11,278,158 B2**
(45) **Date of Patent:** **Mar. 22, 2022**

(54) **CONTAINER AND LID ORGANIZER**

(71) Applicant: **Jeffrey Allan Krueger**, Detroit Lakes,
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(72) Inventor: **Jeffrey Allan Krueger**, Detroit Lakes,
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(21) Appl. No.: **17/009,036**

(22) Filed: **Sep. 1, 2020**

(65) **Prior Publication Data**
US 2020/0390291 A1 Dec. 17, 2020

Related U.S. Application Data

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A47J 47/16 (2006.01)
B65D 55/16 (2006.01)
A47J 47/00 (2006.01)

(52) **U.S. Cl.**
CPC **A47J 47/16** (2013.01); **B65D 55/16**
(2013.01); **A47J 47/00** (2013.01)

(58) **Field of Classification Search**

CPC A47J 36/12; B65D 55/16
See application file for complete search history.

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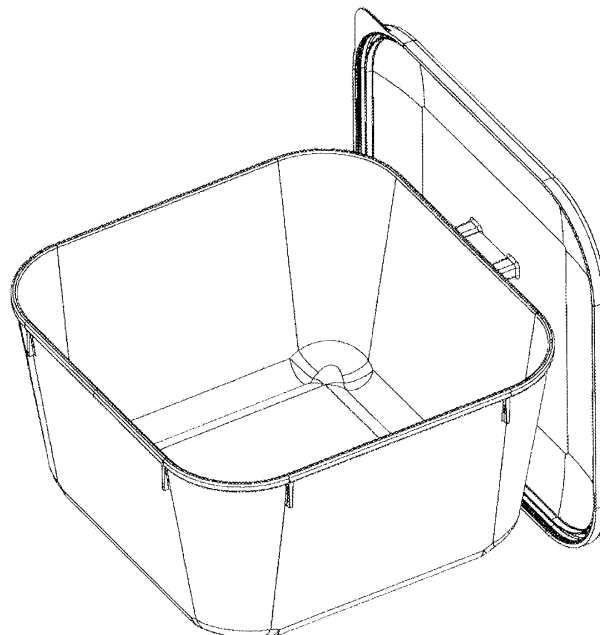
Primary Examiner — Stephen J Castellano

(74) *Attorney, Agent, or Firm* — Dunlap Bennett &
Ludwig, PLLC

(57) **ABSTRACT**

A container and lid storage device is provided. The container and lid storage device includes a telescopic spine connected to a planar base, wherein the telescopic spine provides a plurality of support arms movable between a collapsed condition and an extended condition. A support hand is provided along a distal end of each support arm, each support hand dimensioned and adapted for supporting a plurality of containers, wherein each support hand is adapted to support a predetermined size different than that of an adjacent support hand. As a result, in the collapsed condition the support hand nests in downwardly adjacent containers.

6 Claims, 9 Drawing Sheets



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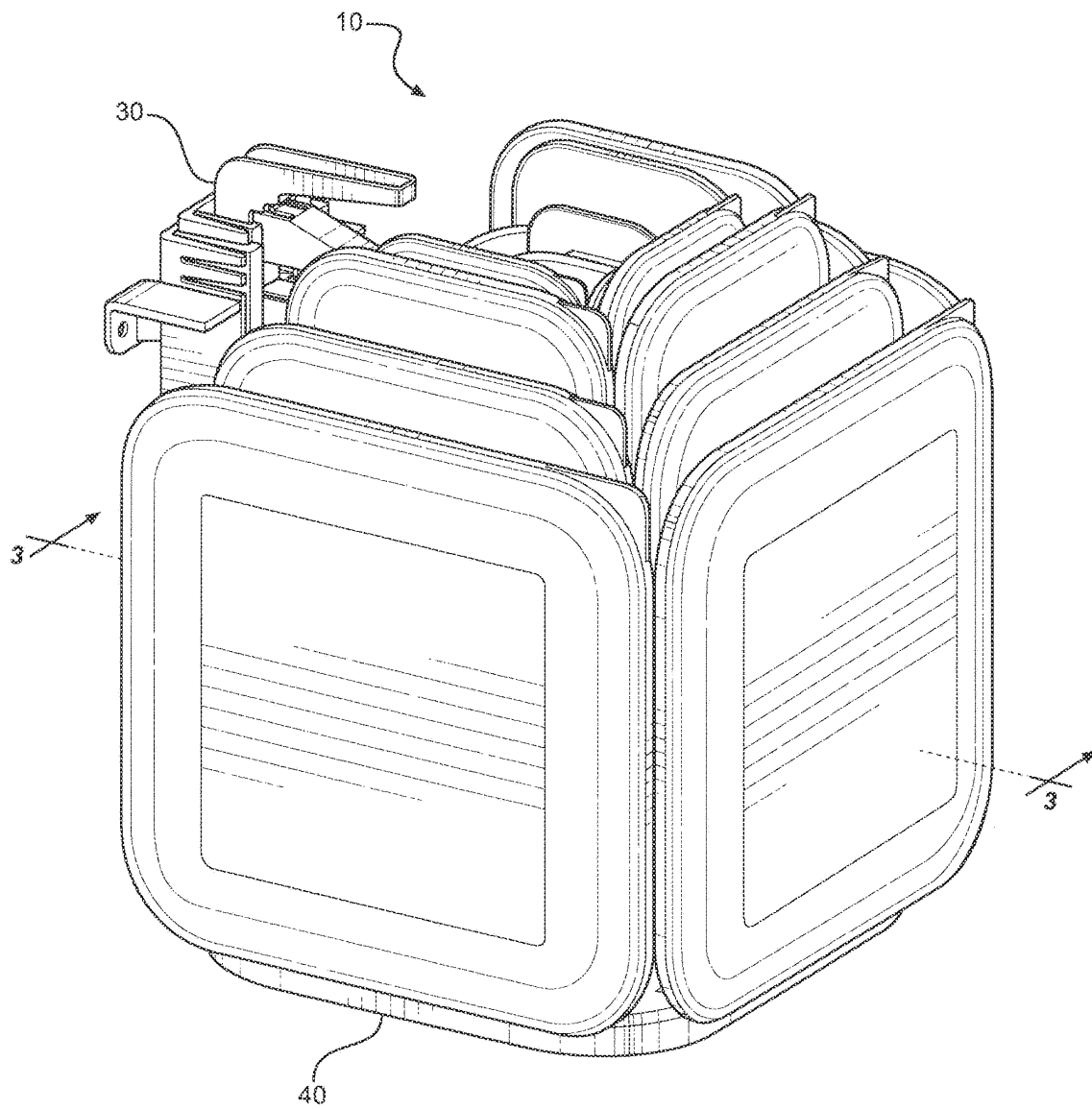


FIG. 1

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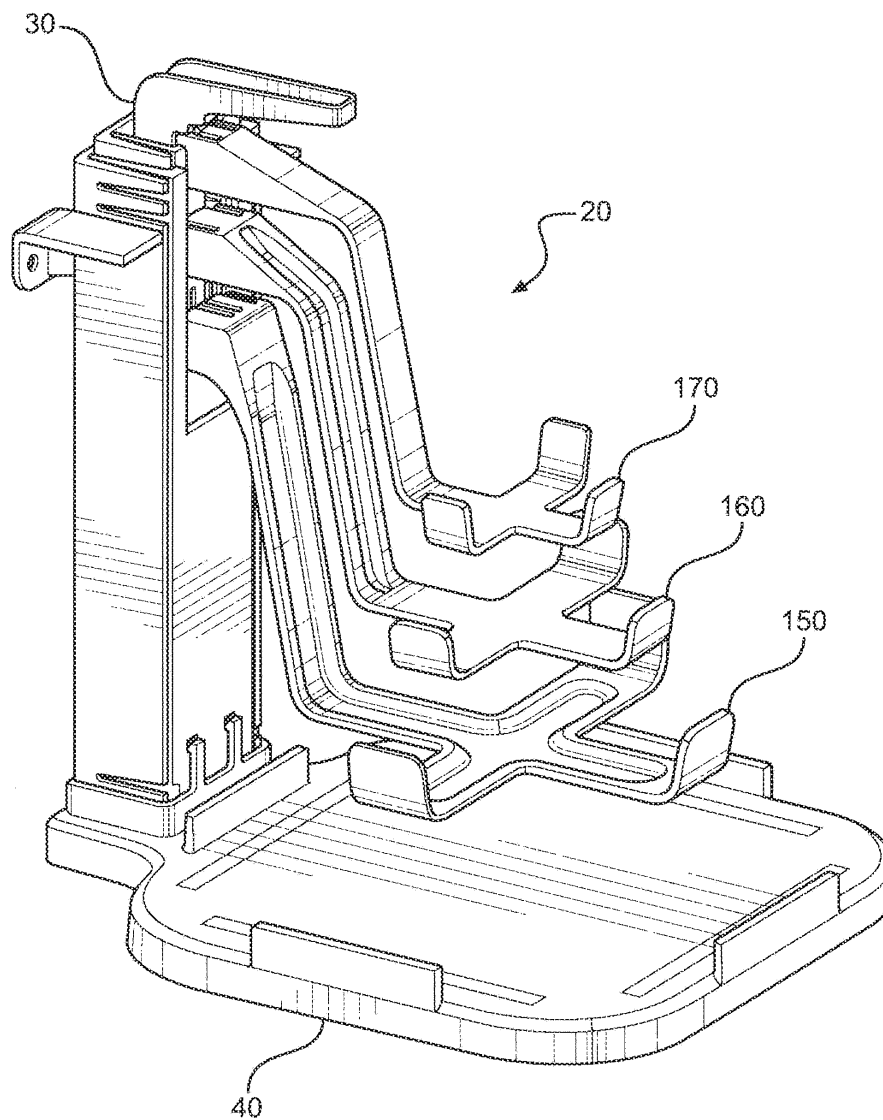


FIG. 2

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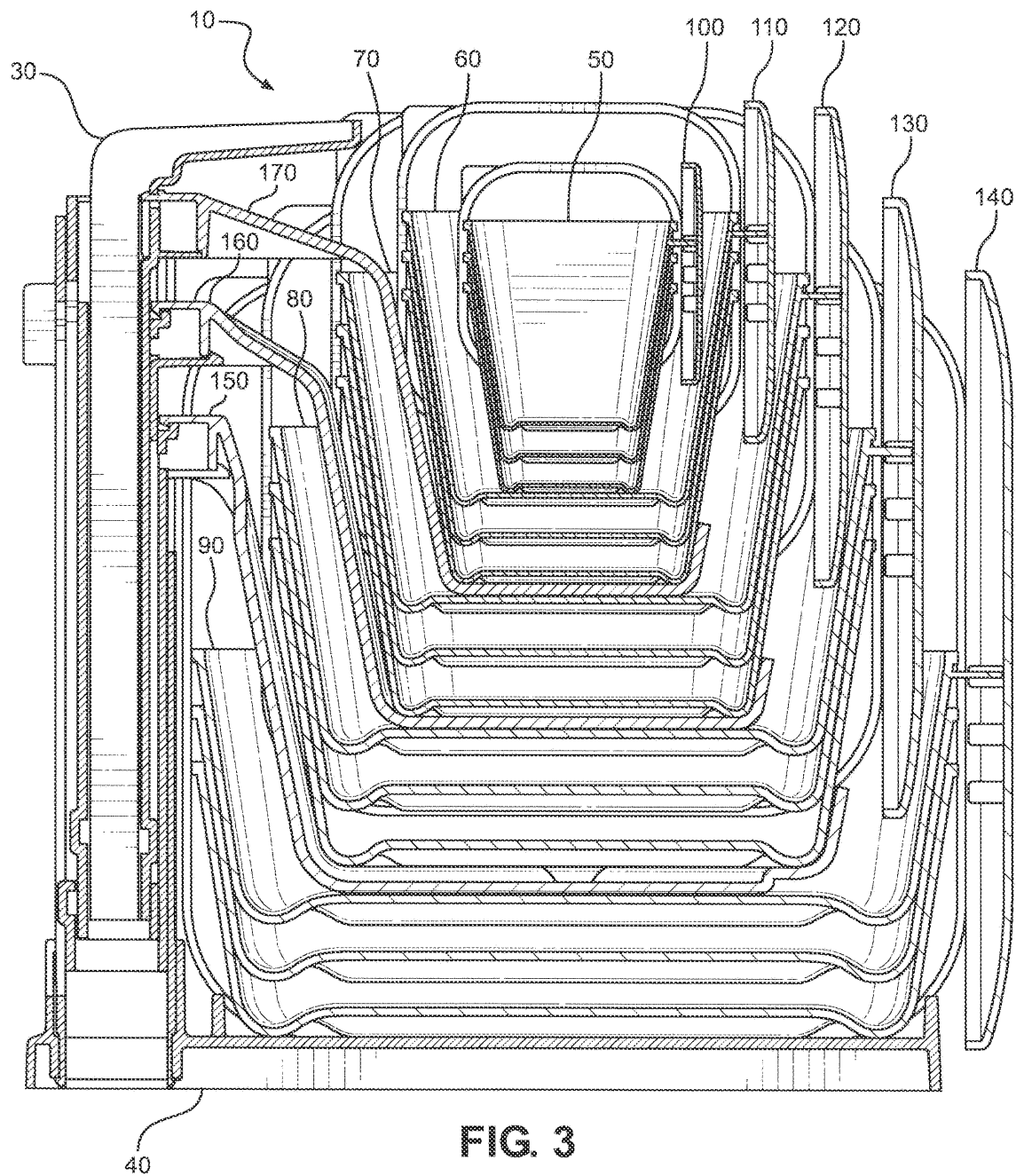
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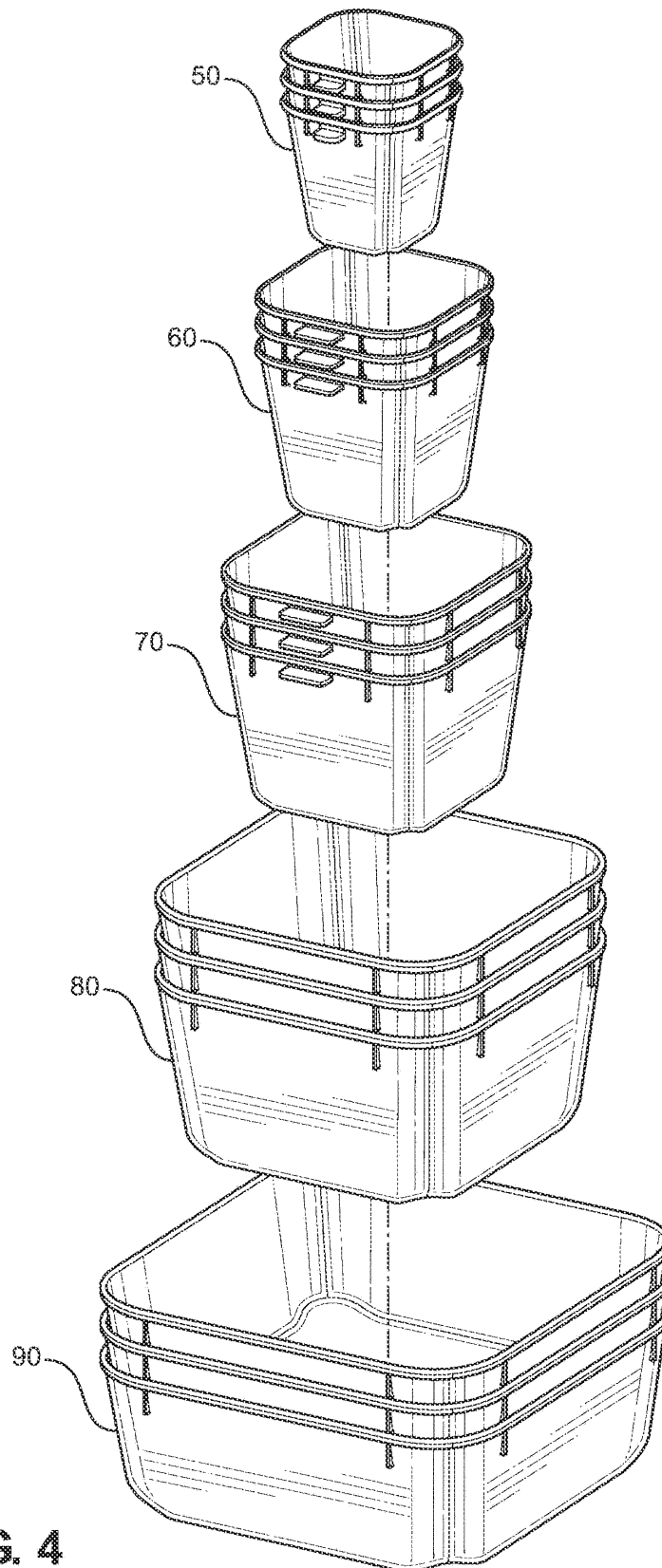


FIG. 4

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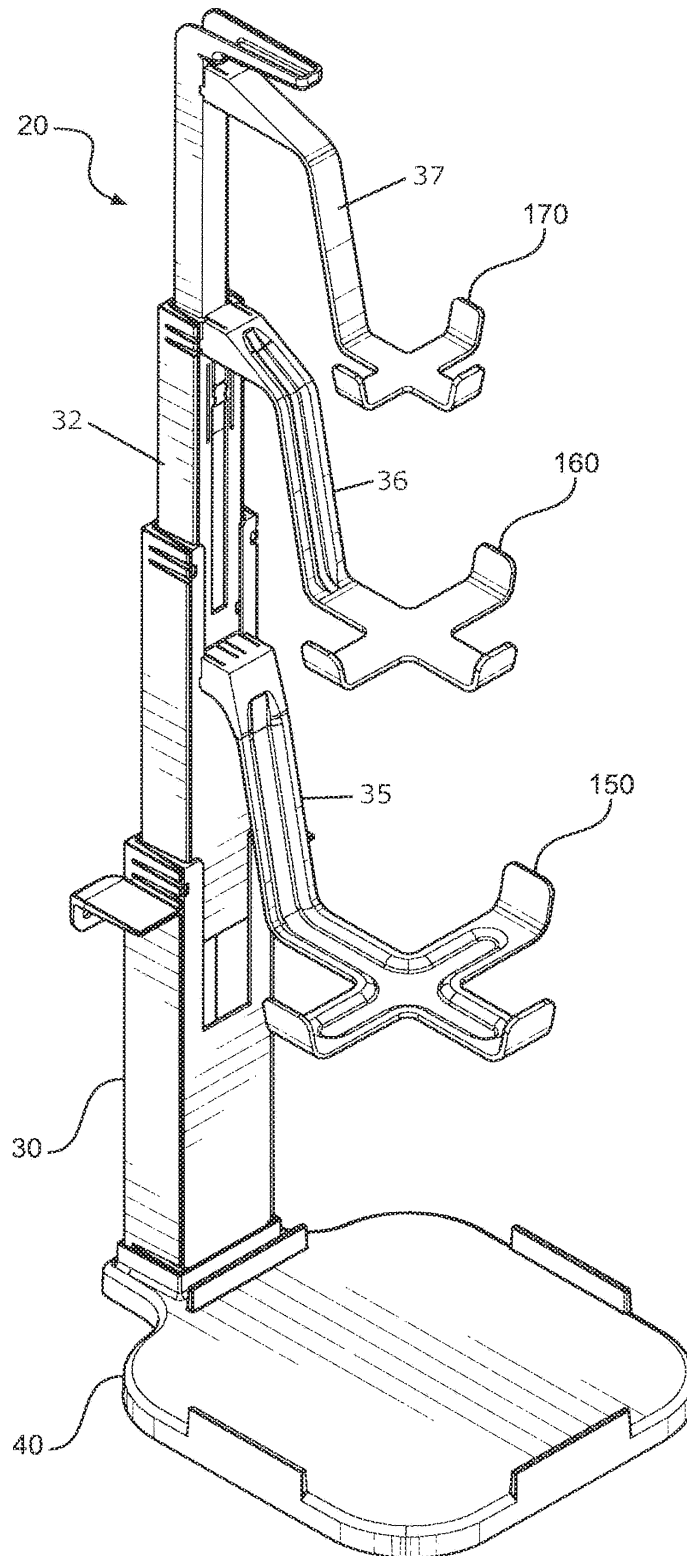


FIG. 5

E-Z STACK

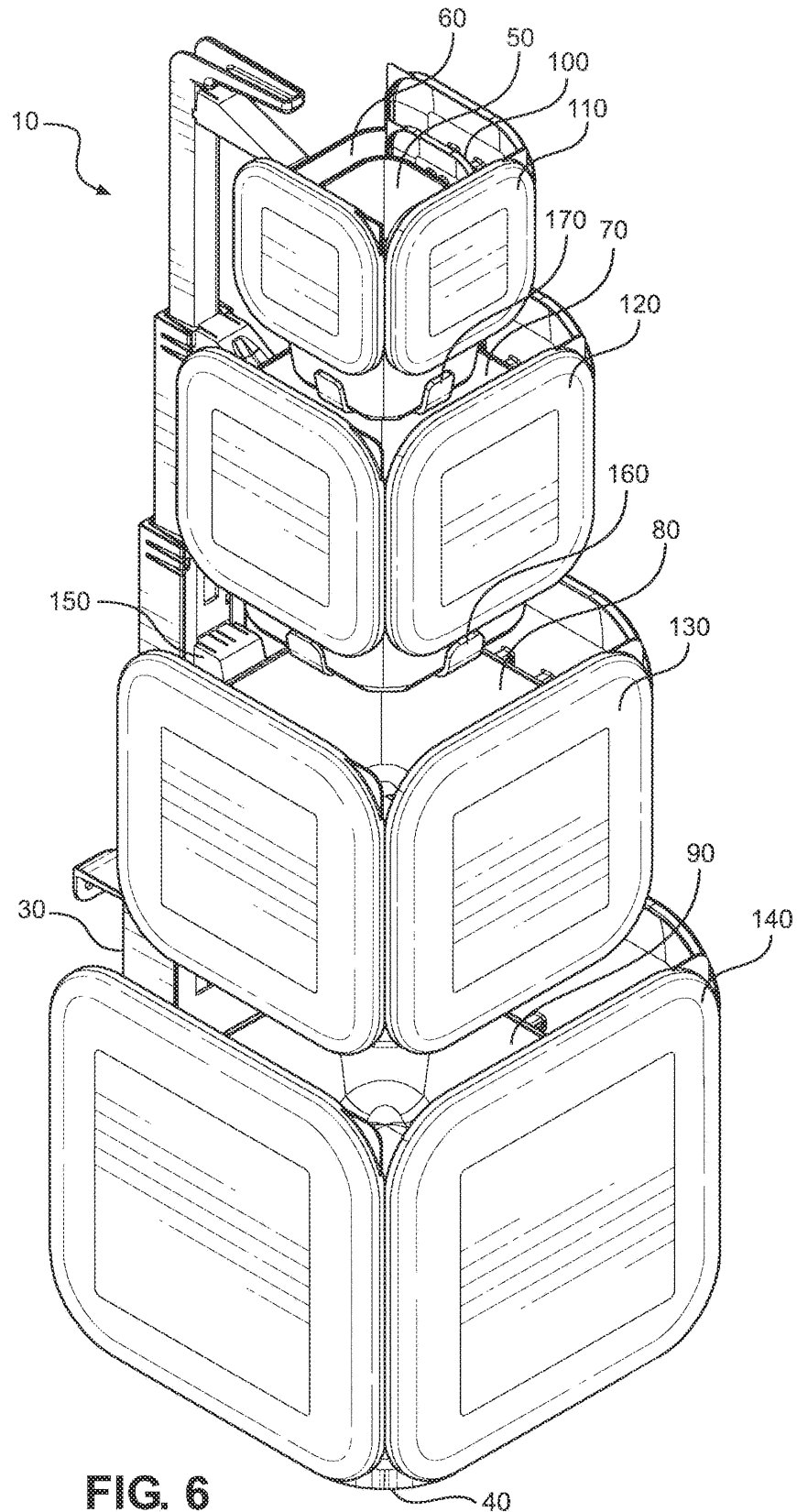
PATENT - #US 11,278,158, B2

U.S. Patent

Mar. 22, 2022

Sheet 6 of 9

US 11,278,158 B2



E-Z STACK
PATENT - #US 11,278,158, B2

U.S. Patent

Mar. 22, 2022

Sheet 7 of 9

US 11,278,158 B2

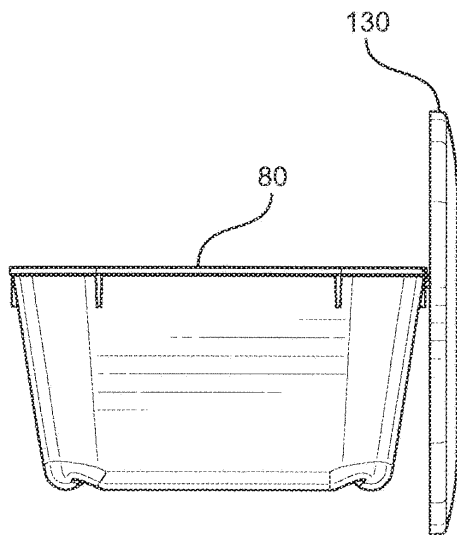


FIG. 7

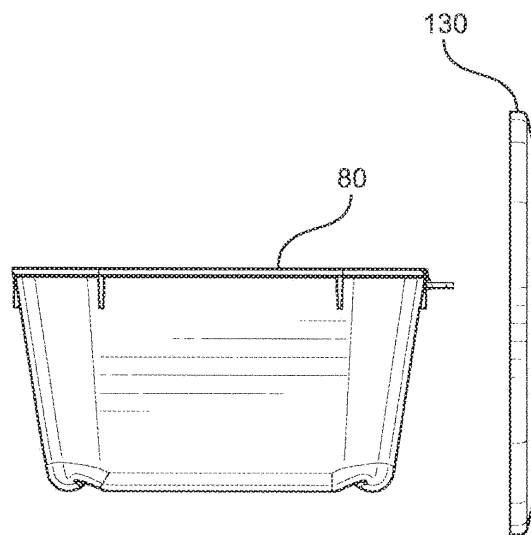


FIG. 8

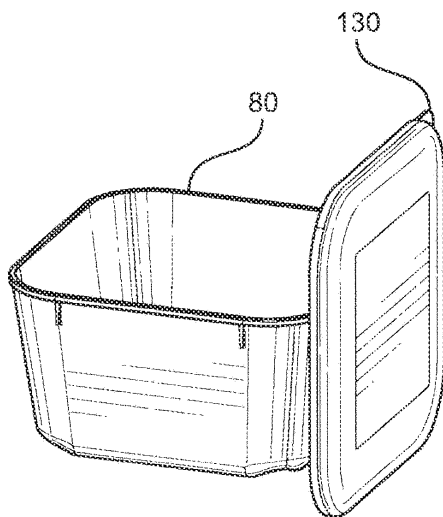


FIG. 9

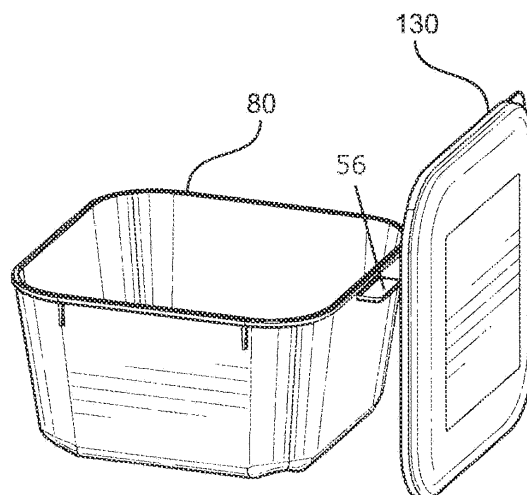


FIG. 10

E-Z STACK
PATENT - #US 11,278,158, B2

U.S. Patent

Mar. 22, 2022

Sheet 8 of 9

US 11,278,158 B2

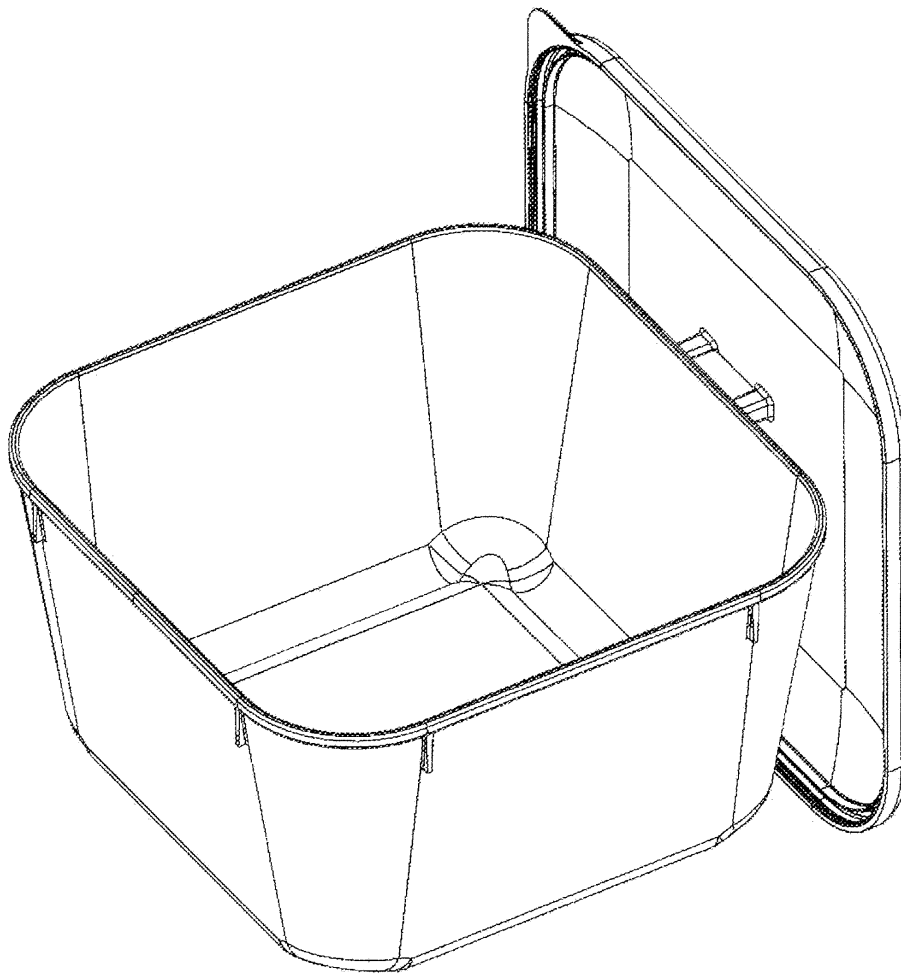


FIG. 11

E-Z STACK

PATENT - #US 11,278,158, B2

U.S. Patent

Mar. 22, 2022

Sheet 9 of 9

US 11,278,158 B2

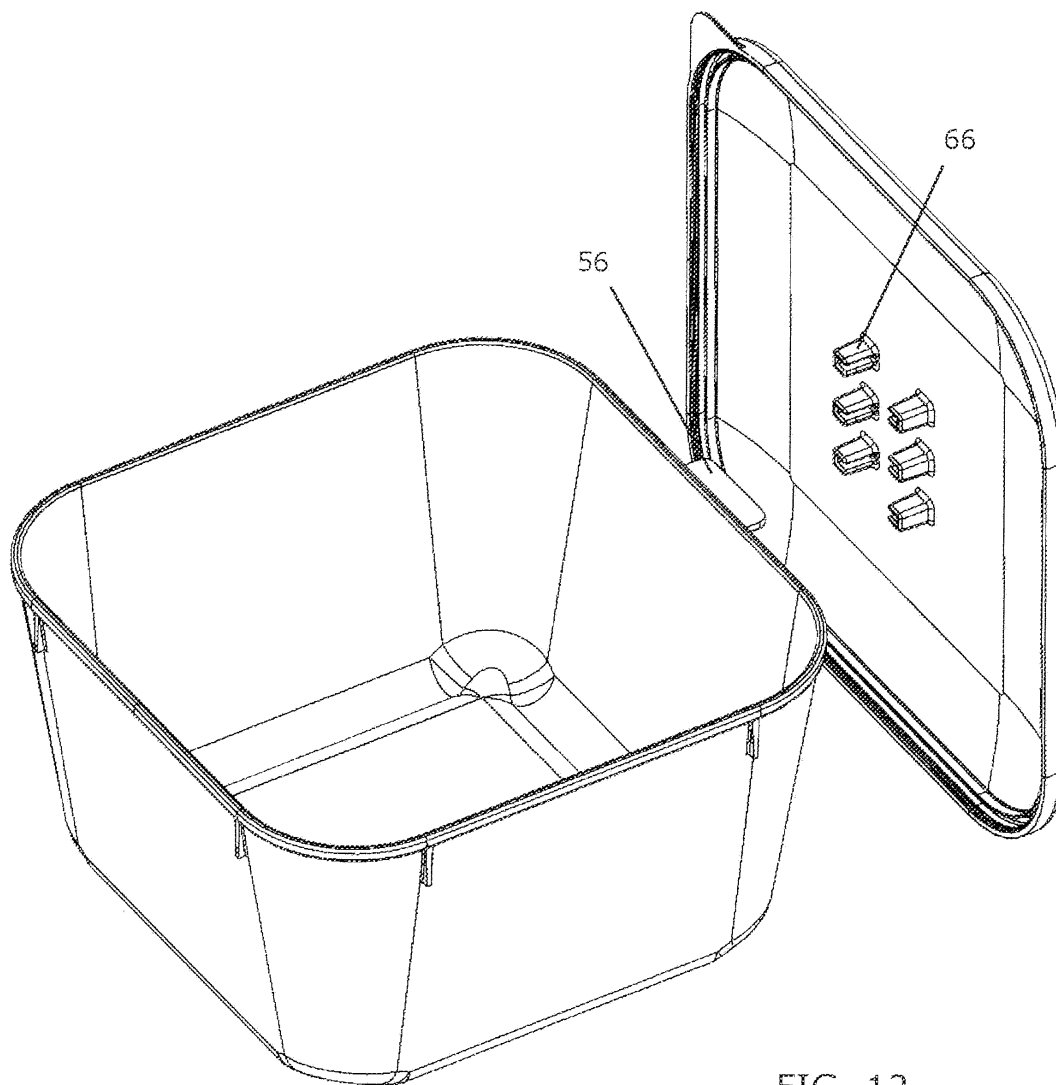


FIG. 12

E-Z STACK

PATENT - #US 11,278,158, B2

US 11,278,158 B2

1

CONTAINER AND LID ORGANIZER

CROSS-REFERENCE TO RELATED APPLICATION

This application is a continuation of application Ser. No. 16/842,911 filed 8 Apr. 2020, now U.S. Pat. No. 10,820,756, which is a continuation of application Ser. No. 16/525,753 filed 30 Jul. 2019, now U.S. Pat. No. 10,653,276, which claims the benefit of priority of U.S. provisional application No. 62/748,007 filed 19 Oct. 2018, all of which are herein incorporated by reference.

BACKGROUND OF THE INVENTION

The present invention relates to container storage and, more particularly, to a container and lid organizing and stacking device.

Containers with snap on lids for storing leftover food products are very common, and in fact most users have a plurality of such containers and lids of different sizes for storing different amounts of leftovers. Also common is that this collection of differently sized lids and containers is kept in a disorganized manner, demanding that the user hunt through and among their drawers, cabinets, basket, shelves, closets, pantries or other stored locations to find a complementary lid and container in a desired size.

As can be seen, there is a need for a container and lid organizing device embodying a system for stacking a plurality of containers and complementary lids of different sizes, shapes (e.g., round, oval, rectangular, square, hex, or the like), and materials (e.g., plastic, glass stainless steel, wood, or the like). The device of the present invention allows for all of these differently-sized containers and lids to be stored in one complete self-contained-kit in a stacked, nested orientation, thereby saving space. The present invention is adapted to be operable in any location, including most double high kitchen drawers, in standard adjustable shelved cabinets, on counter tops, or vertically mounted.

The present invention includes a plurality of telescopic arms, which are adapted to be selectively adjusted upward to reveal each container size for easy access and selectively adjusted downward in a collapsed storage condition, allowing containers of different sizes to be separately retained yet nested in each, adjacent larger size for concise storage in the self-contained unit.

The present invention may include specialized designed containers with associated lids adapted to attach not only to the top for airtight sealing but also to the side of the container. The systemic containers are dimensioned and adapted to nest down into the next larger size. The containers and lids may be colored coded by size and/or material for convenient identification and matching purposes. Thereby, the present invention improves the state of the art through nesting differently sized containers and lids into one concise unit by way of telescoping arms and operatively associated nesting baskets.

SUMMARY OF THE INVENTION

In one aspect of the present invention, a device for organizing lidded containers includes the following: a base; a telescopic spine extending upwardly from said base; the telescopic spine comprising a plurality of nestable spine portions so that the telescopic spine is movable between a collapsed condition and an extended condition; a support arm extending from each spine portion in a first direction

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over said base; a support hand provided by each distal end of each support arm, wherein each support hand is dimensioned to nest in an adjacent lower support hand in the nested condition, wherein each support arm extends generally perpendicularly from the spine portion over the base and then continues to extend downwardly as it extends further away from the spine portion before extending in an orientation generally co-planar with the base.

In another aspect of the present invention, a system of organizing containers and associated lids includes the following: providing a device for organizing lidded containers including the above-mentioned device; providing at least one container of a plurality of predetermined sizes, wherein each predetermined size is dimensioned to be associated and supported by one of the plurality of support hands; and placing each container on the associated support hand so that in the collapsed condition each support hand upwardly adjacent of one of the at least one container of the plurality of predetermined sizes nests therein; providing a lid for each associated container, wherein each lid is attachable to said associated container; and further providing a color code distinguishing each predetermined size.

These and other features, aspects and advantages of the present invention will become better understood with reference to the following drawings, description and claims.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a perspective view of an exemplary embodiment of the present invention, shown in use in a collapsed condition;

FIG. 2 is a perspective view of an exemplary embodiment of the present invention, demonstrating a base and spine assembly in the collapsed condition;

FIG. 3 is a section view of an exemplary embodiment of the present invention, taken along line 3-3 of FIG. 1;

FIG. 4 is an exploded view of an exemplary embodiment of a plurality of differently sized and nested containers of the present invention;

FIG. 5 is a perspective view of an exemplary embodiment of the present invention, demonstrating the base and spine assembly in an extended condition;

FIG. 6 is a perspective view of an exemplary embodiment of the present invention, demonstrating FIG. 5 in use removably retaining a plurality of containers and lids;

FIG. 7 is an elevation view of an exemplary embodiment of a container an associated lid of the present invention;

FIG. 8 is an elevation view of an exemplary embodiment of a container an associated lid of the present invention;

FIG. 9 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention;

FIG. 10 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention;

FIG. 11 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention; and

FIG. 12 is a perspective view of an exemplary embodiment of a container an associated lid of the present invention.

DETAILED DESCRIPTION OF THE INVENTION

The following detailed description is of the best currently contemplated modes of carrying out exemplary embodiments of the invention. The description is not to be taken in

E-Z STACK

PATENT - #US 11,278,158, B2

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a limiting sense, but is made merely for the purpose of illustrating the general principles of the invention, since the scope of the invention is best defined by the appended claims.

Broadly, an embodiment of the present invention provides a container and lid storage device providing a telescopic spine connected to a planar base, wherein the telescopic spine provides a plurality of support arms movable between a collapsed condition and an extended condition. A support hand is provided along a distal end of each support arm, each support hand dimensioned and adapted for supporting a plurality of containers, wherein each support hand is adapted to support a predetermined size different than that of an adjacent support hand. As a result, in the collapsed condition the support hand nests in downwardly adjacent containers.

Referring to FIGS. 1 through 12, the present invention may include a container and lid storage device 10. The storage device 10 may include an elongated spine 30 perpendicularly attached to a planar base 40 defining a base and spine assembly 20. The spine 30 may include a plurality of telescopic portions 32 adapted to nest as the spine 30 collapses toward the base 40 so that the base and spine assembly 20 is movable between a collapsed condition (see FIG. 2) and an extended condition (see FIG. 5).

Each telescopic portion 32 may provide a support arm 35, 36, 37. It being understood that even though only three support arms are shown in the illustrations, there be more or less than three support arms as long as the present invention functions as disclosed herein. It should also be understood by those skilled in the art that the use of directional terms such as upper, lower, upward, downwardly, top and the like are used in relation to the illustrative embodiments as they are depicted in the figures: an upward direction (or upper) being toward the top of the corresponding figures and a downward direction (or lower) being toward the bottom of the corresponding figure.

Each support arm 35, 36, 37 may initially extend perpendicularly from the spine 30 over the base 40, and continue downwardly as it extends further away from the spine 30 before extending in an orientation generally co-planar with the base 40. A distal end of each support arm 35, 36, 37 provides a support basket or hand 150, 160, 170, wherein each support hand 150, 160, 170 may provide a planar palm portion and a plurality of spaced apart upwardly extending finger portions. The support arm and or support hand may have a recessed groove for structural support.

Each support hand 150, 160, 170 is dimensioned and adapted to support a plurality of nested containers 50, 60, 70, 80, 90 and associated lids 100, 110, 120, 130, 140, respectively. In such a supported condition the containers 50, 60, 70, 80, 90 may rest on the palm portion of each support hand 150, 160, 170.

Each lid and container pairing can form a removable side connection by way of a container tab 56 and lid attachment points 66 for removably connecting each container to the paired lid in a connected condition, as illustrated in FIGS. 7, 8, 9 and 10, and FIGS. 11 and 12. The lid attachment points 66 may be a spaced-apart array of a pair of attachment points, so that a user may selectively interlock or connect the lid to the container tab 56 at different relative elevations or points along the spaced apart pair of lid attachment points 66.

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Each container and lid may be color coded by size and/or material to facilitate immediate size/material recognition of containers and their respective matching lids.

A method of using the present invention may include the following. The container and lid storage device 10 disclosed above may be provided. A user may move the container and lid storage device 10 to the extended condition for removably placing the containers 50, 60, 70, 80, 90 on their respective palm portions and removably attaching the associated lids 100, 110, 120, 130, 140, see FIG. 6. Thereby, each container and associated lid may be stored adjacent each other by size (and possibly color) for immediate size recognition.

Then the user may move the container and lid storage device 10 to the collapsed condition, as illustrated in FIGS. 1 and 3. In the collapsed condition, the hand portions are dimensioned and adapted to be received into the nested containers associated with the lower-adjacent support arm—i.e., the next-larger sized container—making for compact storage. By way of example, the hand portion 170 of support arm 37 is dimensioned and adapted to be received in the containers associated with and sized for adjacent support arm 36/support hand 160. As a result, in the collapsed condition, support arm 37 and associated containers nest into the containers associated with support arm 36, as illustrated in FIG. 3.

The container and lid storage device 10 can be mounted to the wall or cabinet, or any other vertical flat surface.

It should be understood, of course, that the foregoing relates to exemplary embodiments of the invention and that modifications may be made without departing from the spirit and scope of the invention as set forth in the following claims.

What is claimed is:

1. A container and lid system, comprising:

a container having an opening;

a lid having an inner surface dimensioned to be at least coextensive with the opening when the lid is in a first orientation; and

one or more attachment points fixedly attached along the inner surface, wherein each attachment point removably and fixedly engages an exterior of the container when the lid is in a second orientation transverse to the first orientation, wherein in the second orientation, one end of the lid is upward of said opening and another end of the lid is downward of said opening.

2. The container and lid system of claim 1, wherein the one or more attachment points comprise an array.

3. The container and lid system of claim 1, further comprising a protrusion attached along said exterior of the container, wherein each attachment point removably engages the protrusion.

4. The container and lid system of claim 1, wherein each attachment point removably engages the container downward of a peripheral upper edge defining said opening.

5. The container and lid system of claim 1, wherein each attachment point comprises one or more lugs.

6. The container and lid system of claim 3, wherein each attachment point comprises one or more lugs for frictionally engaging the protrusion.

* * * * *

E-Z STACK

TRADEMARK VERBIAGE



E-Z STACK MAKING LIFE SIMPLE

Reg. No. 6,502,739
Registered Sep. 28, 2021
Int. Cl.: 21
Trademark
Principal Register

Caboose INC. (MINNESOTA CORPORATION)
436 Dead Shot Cr.
Detroit Lakes, MINNESOTA 56501

CLASS 21: Household storage device specially adapted for stacking and storing containers of different shapes and sizes consisting of but not limited to plastic, glass, stainless steel, wood, round, rectangular, square, hex, or oval including side attached lids

FIRST USE 6-20-2021; IN COMMERCE 6-20-2021

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT STYLE, SIZE OR COLOR

No claim is made to the exclusive right to use the following apart from the mark as shown: "STACK"

SER. NO. 88-312,160, FILED 02-22-2019



A handwritten signature in black ink, appearing to read "Dennis H. H. H.", is written over the seal.

Performing the Functions and Duties of the
Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office



E-Z STACK

LOGO TRADEMARK

United States of America

United States Patent and Trademark Office



Reg. No. 6,531,247

Registered Oct. 19, 2021

Int. Cl.: 21

Trademark

Principal Register

Caboose INC. (MINNESOTA CORPORATION)
436 Dead Shot CR.
Detroit Lake, MINNESOTA 56501

CLASS 21: Household storage device specially adapted for stacking and storing containers of different shapes and sizes consisting of but not limited to plastic, glass, stainless steel, wood, round, rectangular, square, hex, or oval including side attached lids

FIRST USE 8-20-2021; IN COMMERCE 8-20-2021

The mark consists of the wording "E-Z STACK" above the wording "MAKING LIFE SIMPLE". Four stacked brackets appear below with the wording "CONTAINER & LID ORGANIZER" appearing within the lowest bracket.

No claim is made to the exclusive right to use the following apart from the mark as shown: "STACK" AND "CONTAINER & LID ORGANIZER"

SER. NO. 88-320,607, FILED 02-28-2019



Dan H. H. H.

Performing the Functions and Duties of the
Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office



E-Z STACK

LOGO TRADEMARK

United States of America
United States Patent and Trademark Office



Reg. No. 6,504,054
Registered Sep. 28, 2021
Int. Cl.: 21
Trademark
Principal Register

Krueger, Jeffrey (UNITED STATES INDIVIDUAL)
436 Dead Shot Cr.
Detroit Lakes, MINNESOTA 56501

CLASS 21: Household storage device specially adapted for stacking and storing containers of different shapes and sizes consisting of but not limited to plastic, glass, stainless steel, wood, round, rectangular, square, hex, or oval including side attached lids

FIRST USE 8-20-2021; IN COMMERCE 8-20-2021

The mark consists of at the top of the logo in all caps and arched with a outline the letter "E" with a hyphen then the letter "Z" then the word "Stack" "E-Z STACK", underneath is the slogan arched 2 words all caps "STORAGE MADE" and capital "E" with a hyphen capital "Z" "STORAGE MADE E-Z" set unto the first container of four, then the remaining three containers nested in sequence increasing in size pointing upwards. Inside the bottom container is the slogan in all caps "CONTAINER & LID ORGANIZER".

No claim is made to the exclusive right to use the following apart from the mark as shown: "STACK" AND "STORAGE" AND "CONTAINER & LID ORGANIZER"

SER. NO. 90-248,213, FILED 10-12-2020



Dana H. H. H.

Performing the Functions and Duties of the
Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office



E-Z STACK

MARKETING CONCEPT APPENDIX B

E-Z Stack can be marketed with a diverse variety and assortment of product combinations to meet the needs of food storage customers.

Featuring the E-Z 15 Individual, includes 15 containers and lids in a 11x11x 10.5 cube. Fits in a pull-out drawer in a 12-inch shelf space or double drawer.

Stacking Tower option called the E-Z Stacker Tower, includes 15 containers and lids which separate all five sizes and can attach to a pantry door or any vertical surface 11.7x11.7x11.

There's also the option of an E-Z 10, includes 10 containers and lids in five different sizes. With or without the stacker.

For the person who doesn't need a large 14 cup container there is the E-Z 12 Individual, includes 12 containers and lids with a smaller footprint of 9"x9"x9" cube.

E-Z 5, includes 5 containers and lids in 5 sizes

E-Z 4, includes 4 containers and lids in 4 sizes

**For individuals that need separate size containers and lids
E-Z Stack can be configured in three-pack nests.**

E-Z3 .06c E-Z3 2.5c E-Z3 6c E-Z3 10c E-Z3 14c

MARKETING CONCEPT - Sample Pricing

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!!

E-Z STACK

STORAGE MADE E-Z

STACKER SPACE SAVER

CONTAINER & LID ORGANIZER

e-zstack.com

0.6C 2.5C 6C 10C 14C

MADE IN THE USA

STACKER SPACE SAVER

STORAGE MADE E-Z

BEST INVENTION OF THE YEAR VISIT OUR WEBSITE!

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!!

E-Z STACK

STORAGE MADE E-Z

STACKER SPACE SAVER

CONTAINER & LID ORGANIZER

e-zstack.com

0.6C 2.5C 6C 10C 14C

MADE IN THE USA

STACKER SPACE SAVER

STORAGE MADE E-Z

BEST INVENTION OF THE YEAR VISIT OUR WEBSITE!

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!!

E-Z STACK

STORAGE MADE E-Z

STACKER SPACE SAVER

CONTAINER & LID ORGANIZER

e-zstack.com

0.6C 2.5C 6C 10C 14C

MADE IN THE USA

STACKER SPACE SAVER

STORAGE MADE E-Z

BEST INVENTION OF THE YEAR VISIT OUR WEBSITE!

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!!

E-Z STACK

STORAGE MADE E-Z

STACKER SPACE SAVER

CONTAINER & LID ORGANIZER

e-zstack.com

0.6C 2.5C 6C 10C 14C

MADE IN THE USA

STACKER SPACE SAVER

STORAGE MADE E-Z

BEST INVENTION OF THE YEAR VISIT OUR WEBSITE!

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!!

E-Z STACK

STORAGE MADE E-Z

STACKER SPACE SAVER

CONTAINER & LID ORGANIZER

e-zstack.com

0.6C 2.5C 6C 10C 14C

MADE IN THE USA

STACKER SPACE SAVER

STORAGE MADE E-Z

BEST INVENTION OF THE YEAR VISIT OUR WEBSITE!

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!!

E-Z STACK

STORAGE MADE E-Z

STACKER SPACE SAVER

MARKETING CONCEPT - Sample Pricing

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!!

SIDE ATTACHED LIDS

BEST INVENTION OF THE YEAR VISIT OUR WEBSITE! CLICK ON VIDEO DEMO!



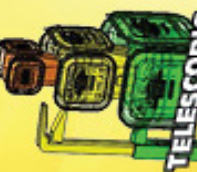
E-Z STACK
STORAGE MADE E-Z
CONTAINER & LID ORGANIZER
e-zstack.com

E-Z 15 ~~\$59.99~~ **\$49.99**
FIRST 5000 UNITS SOLD

E-Z Stacker Telescopic Tower
Including 15 Containers with Lids
5 Different Sizes

MADE IN THE USA 

PATENT NO. 10658276 B2



TELESCOPIC TOWER



SEPARATES SIZES



11.7" x 11.7" x 11.7"
CUBE
15 CONTAINERS AND LIDS



14 CUP



10 CUP



6 CUP



2.5 CUP



0.6 CUP



0.6 CUP

Colors on illustrations are representations of the actual colors. Check our website for the actual colors of E-Z Products. Colors may vary on each manufacturing run.

CLICK ON VIDEO DEMO!



CLICK ON VIDEO DEMO!

STACKER SPACE SAVER

SIDE ATTACHED LIDS

BEST INVENTION OF THE YEAR VISIT OUR WEBSITE! CLICK ON VIDEO DEMO!

E-Z STACK

MARKETING CONCEPT - Sample Pricing

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!

E-Z STACK
STORAGE MADE E-Z
CONTAINER & LID ORGANIZER
e-zstack.com

E-Z10 \$39.99
E-Z Stacker 10 Telescopic Tower
Including 10 Containers with Lids
5 Different Sizes

STACKER SPACE SAVER

TELESCOPIC TOWER
SEPARATES SIZES
11.7" x 11.7" x 11"
10 CONTAINERS AND LIDS

SIDE ATTACHED LIDS

14 CUP 10 CUP 6 CUP 2.5 CUP 0.6 CUP

MADE IN THE USA
PATENT NO. 10653276 B2

Colors on illustrations are representations of the actual colors. Check our website for the actual colors of E-Z Products. Colors may vary on each manufacturing run.

BEST INVENTION OF THE YEAR VISIT OUR WEBSITE! CLICK ON VIDEO DEMO!

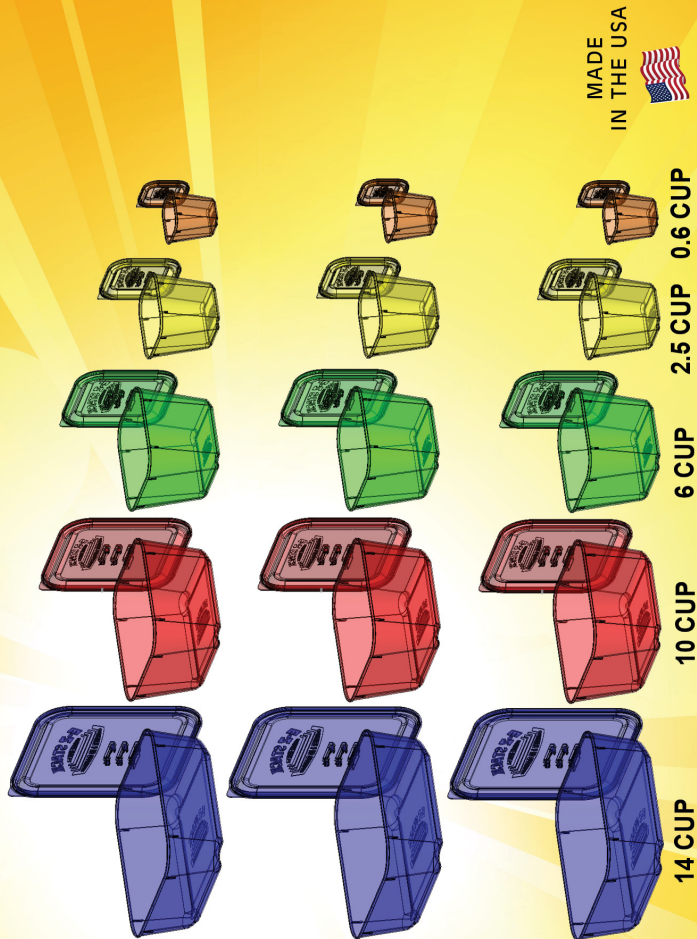
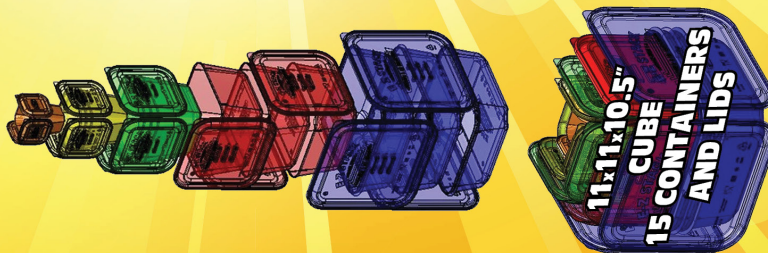
E-Z STACK

MARKETING CONCEPT - Sample Pricing

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!



E-Z 15 **\$39.99**
ADD STACKER TOWER FOR \$10
E-Z 15 Individual Container Set
with Lids - 5 Different Sizes



Colors on illustrations are representations of the actual colors. Check our website for the actual colors of E-Z Products. Colors may vary on each manufacturing run.

PATENT NO. 10653276 B2

STORAGE MADE EASY



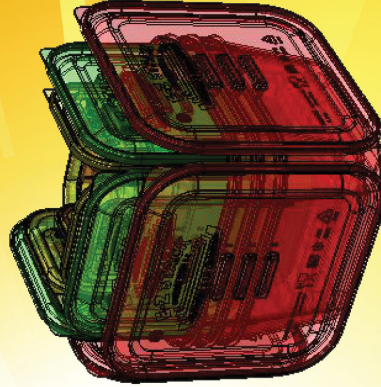
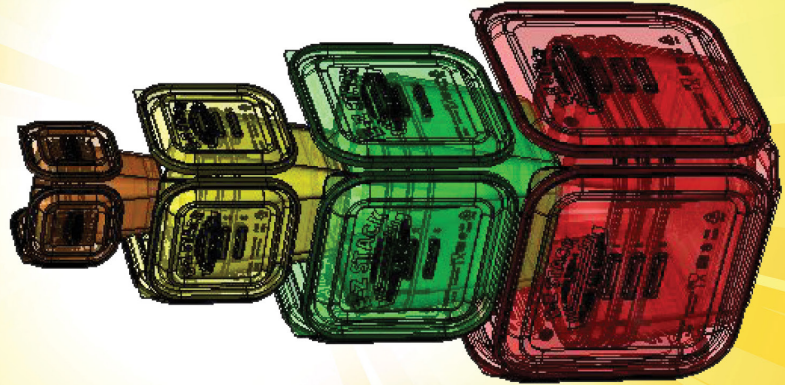
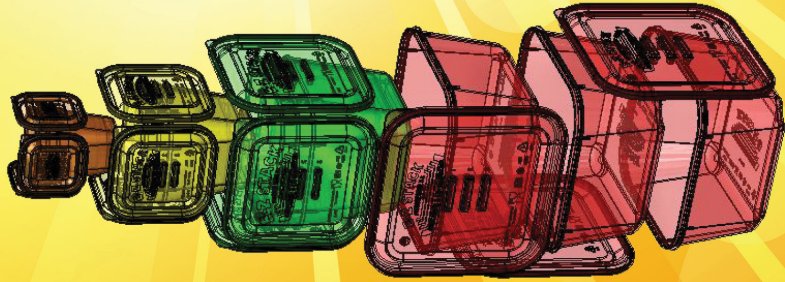
BEST INVENTION OF THE YEAR VISIT OUR WEBSITE! CLICK ON VIDEO DEMO!

E-Z STACK
MARKETING CONCEPT - Sample Pricing

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!!



E-Z 12 **\$24.00**
ADD STACKER TOWER FOR \$10
E-Z 12 Individual Container Set
with Lids - 4 Different Sizes



MADE
IN THE USA



PATENT NO. 10653276 B2

SIDE ATTACHED LIDS

STORAGE MADE EASY

BEST INVENTION OF THE YEAR VISIT OUR WEBSITE!  CLICK ON VIDEO DEMO!

MARKETING CONCEPT - Sample Pricing

CLICK VIDEO DEMO!

E-Z STACK

MARKETING CONCEPT - Sample Pricing

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!!

E-Z STACK
STORAGE MADE E-Z
CONTAINER & LID ORGANIZER
e-zstack.com

MADE IN USA
100% QUALITY

\$11.99

E-Z 4

Individual Container Set
With Lids, 4 Sizes

10 CUP

6 CUP

2.5 CUP

0.6 CUP

Colors on illustrations are representations of the actual colors. Check our website for the actual colors of E-Z Products. Colors may vary on each manufacturing run.

PATENT NO. 10658275 B2

CLICK VIDEO DEMO!

BEST INVENTION OF THE YEAR - VISIT WEBSITE!

NESTING SPACE SAVER

SIDE ATTACHED LIDS

NEVER SEARCH FOR MATCHING FOOD CONTAINERS OR LIDS AGAIN!!!

STORAGE MADE EASY

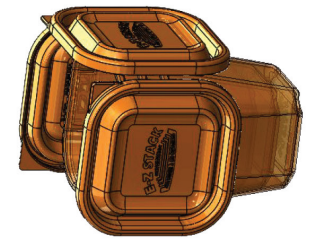
E-Z 3 SETS

E-Z 3 Individual Container Sets
with Lids Per Size

E-Z STACK
STORAGE MADE E-Z
CONTAINER & LID ORGANIZER
e-zstack.com

SIDE ATTACHED LIDS

E-Z 3 SET - 0.6 CUP \$3



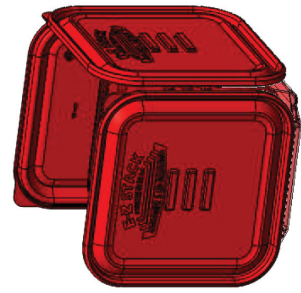
E-Z 3 SET - 2.5 CUP \$5



E-Z 3 SET - 6 CUP \$7



E-Z 3 SET - 10 CUP \$9



E-Z 3 SET - 14 CUP \$15



MADE
IN THE USA



PATENT NO.
10653276 B2

BEST INVENTION OF THE YEAR VISIT OUR WEBSITE! CLICK ON VIDEO DEMO!





EXECUTIVE LICENSING PROPOSAL

A Patented Innovation in Food Storage Organization

Prepared for Product Development & Licensing Evaluation



THREE ISSUED U.S. UTILITY PATENTS

Strong intellectual property protection

US Patent # 10,653,276 B2 US Patent #10,820,756 B2 and US Patent #11,278,158 B2



FUNCTIONAL PROTOTYPE SETS COMPLETED

Proven design through real-world testing



ENGINEERING DOCUMENTATION AVAILABLE UNDER NDA

Complete CAD and manufacturing documentation available for evaluation



LICENSING OPPORTUNITY FOR A MANUFACTURING & DISTRIBUTION PARTNER

Seeking the right partner for global distribution

Inventor:

JEFFREY KRUEGER

Detroit Lakes, Minnesota

CONFIDENTIAL LICENSING PROPOSAL