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(54) **MODULAR CHILDREN'S ACTIVITY SYSTEM**

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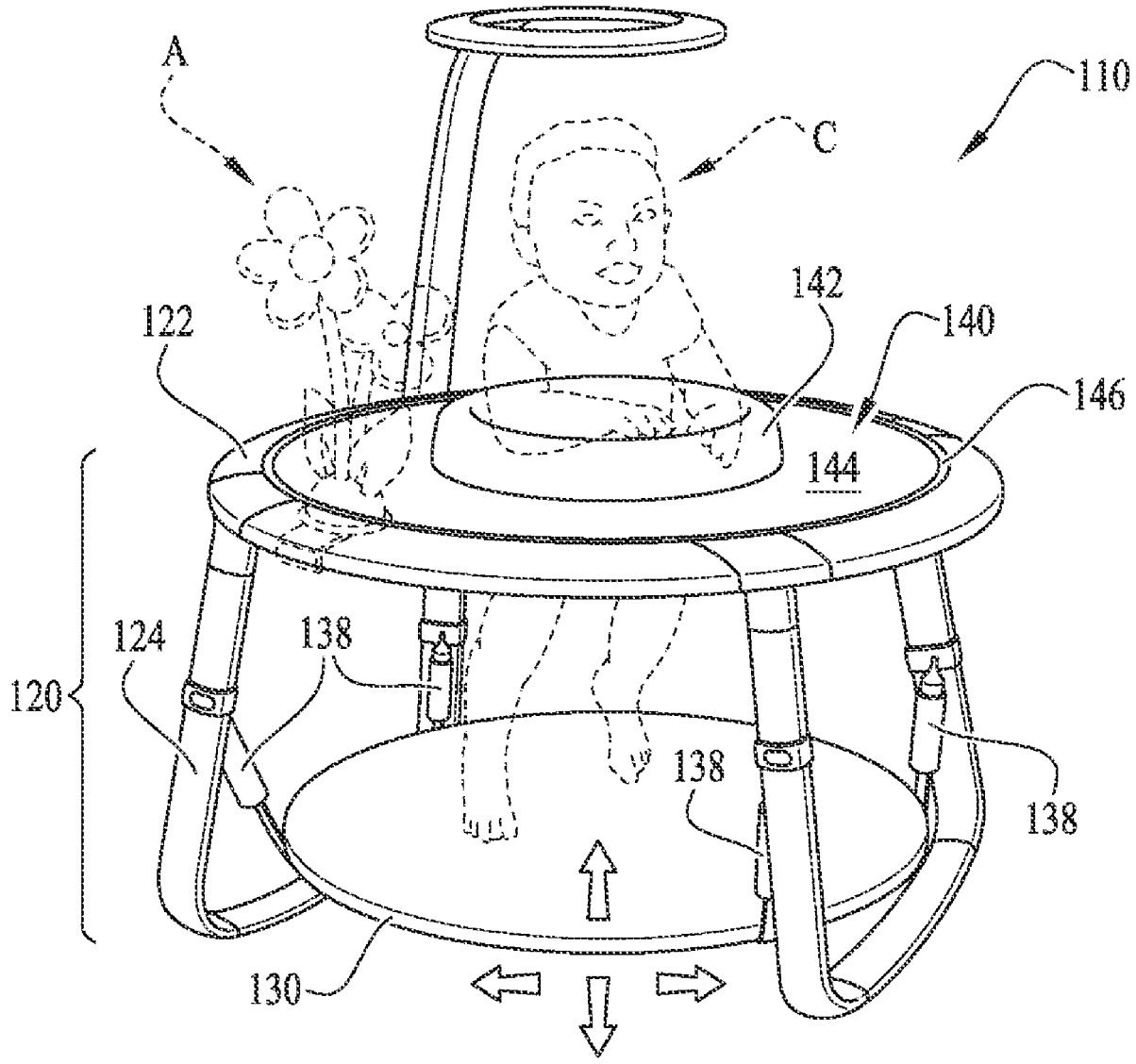
(57) **ABSTRACT**

A modular children's activity system including one or more support platforms and/or one or more support base frames. The support platforms and support base frames are configured to be arranged in a variety of configurations to form a number of different children's accessories, such as for example a jumper, a table, an entertainment center, and/or a play mat, whereby a single set of components can be configured in a variety of configurations to extend the useful lifespan of the system through a child's growth and development.



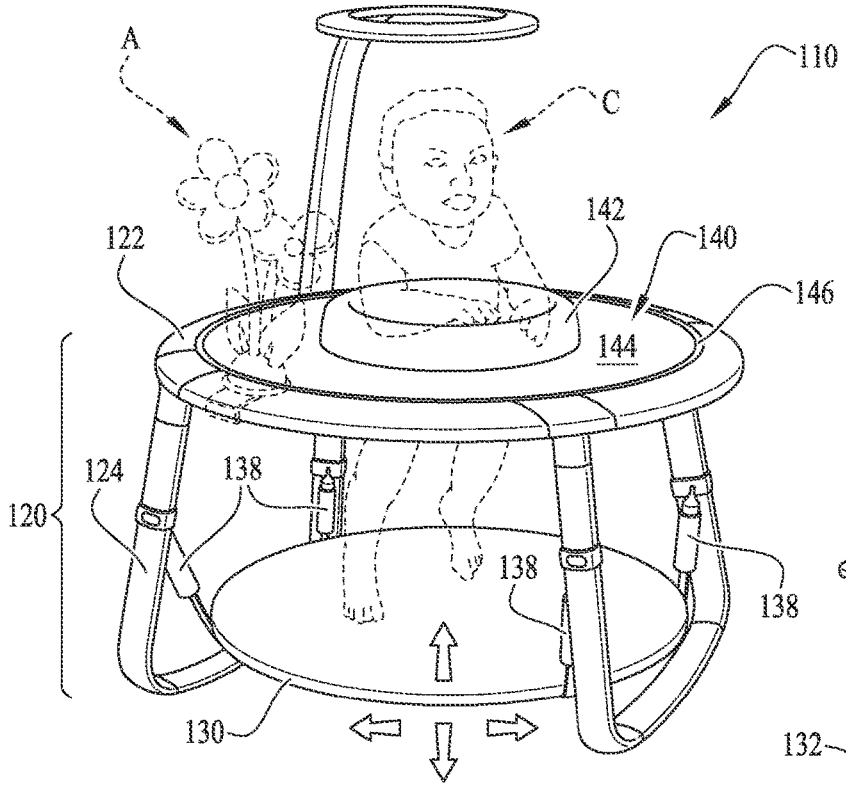


FIG. 1

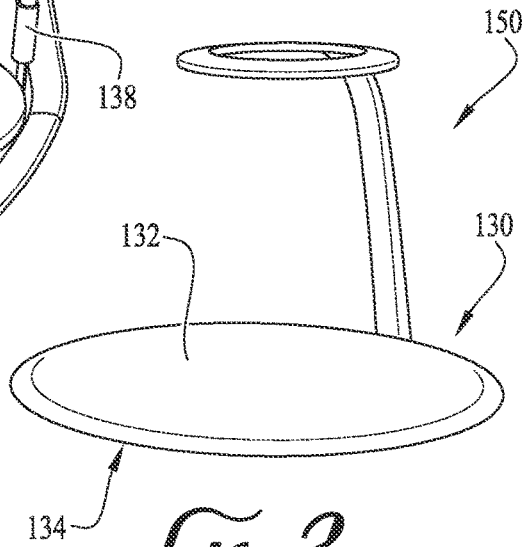


FIG. 2

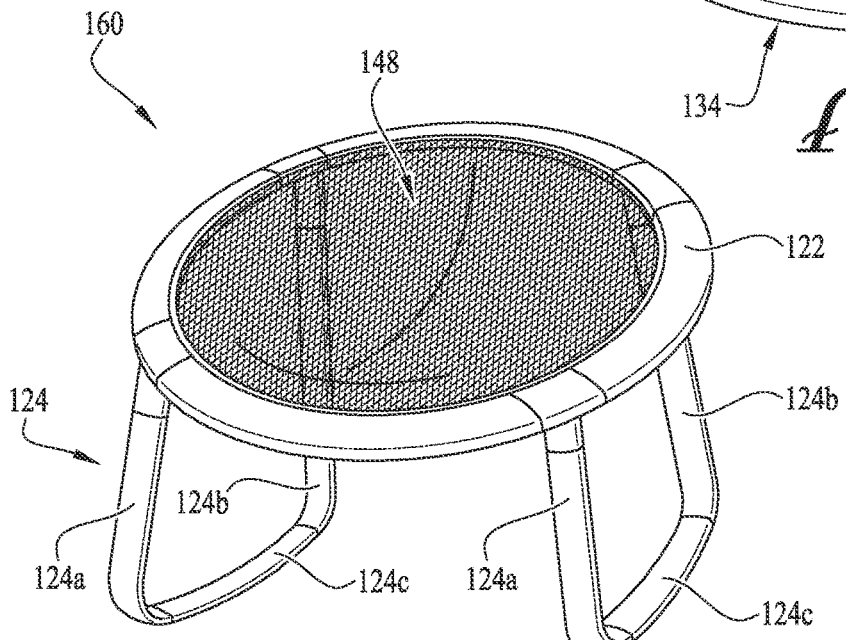
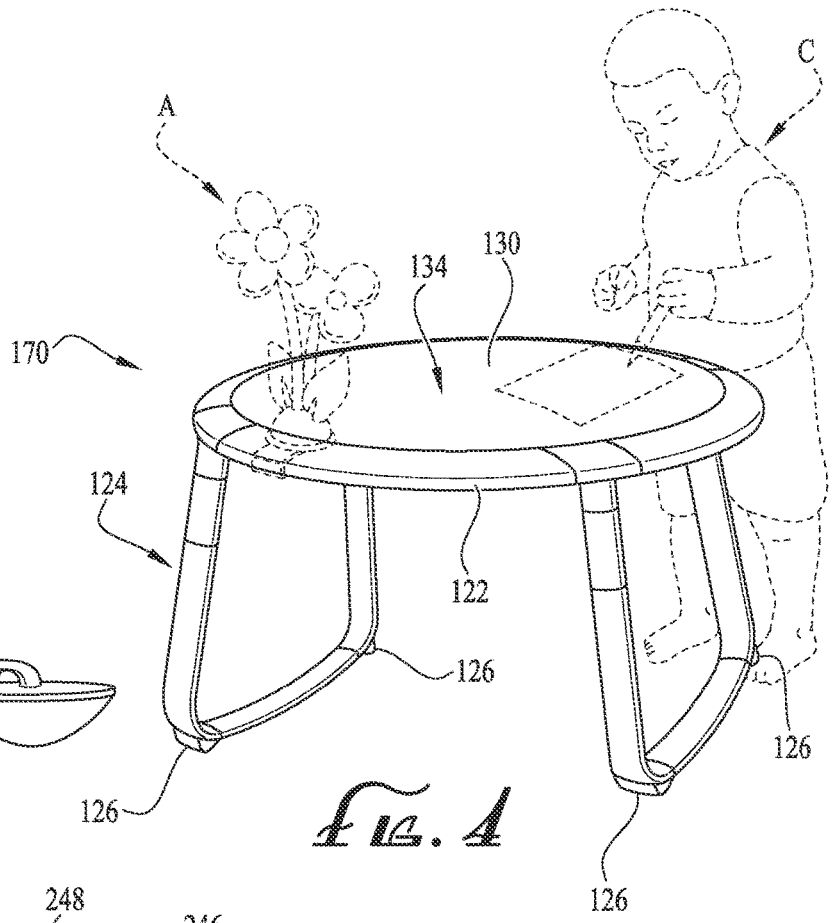


FIG. 3


A
C
130
134
170
124
122
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126

FIG. 4

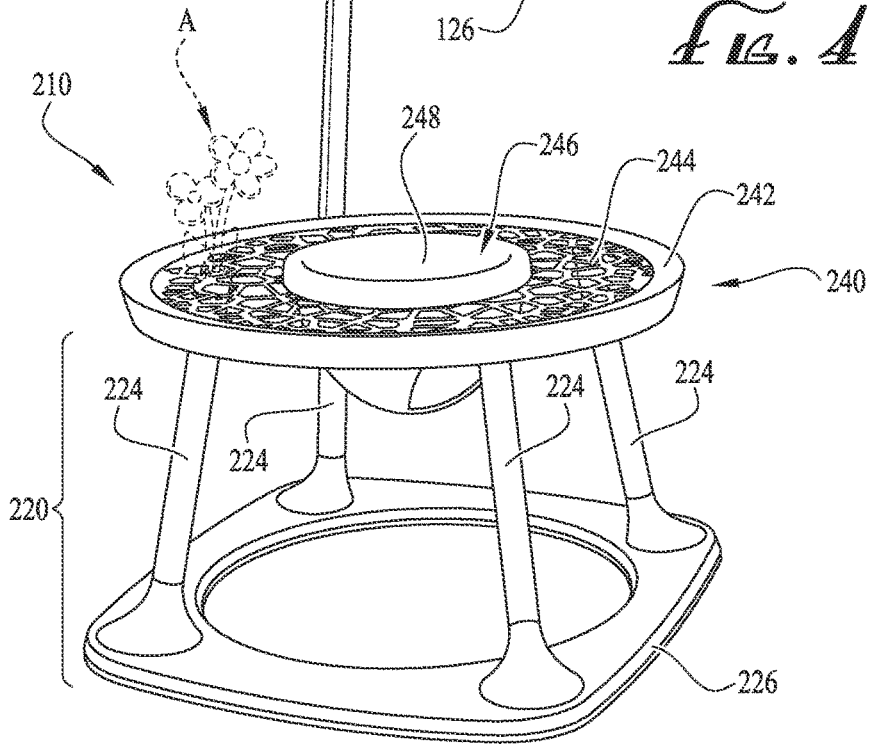
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FIG. 5

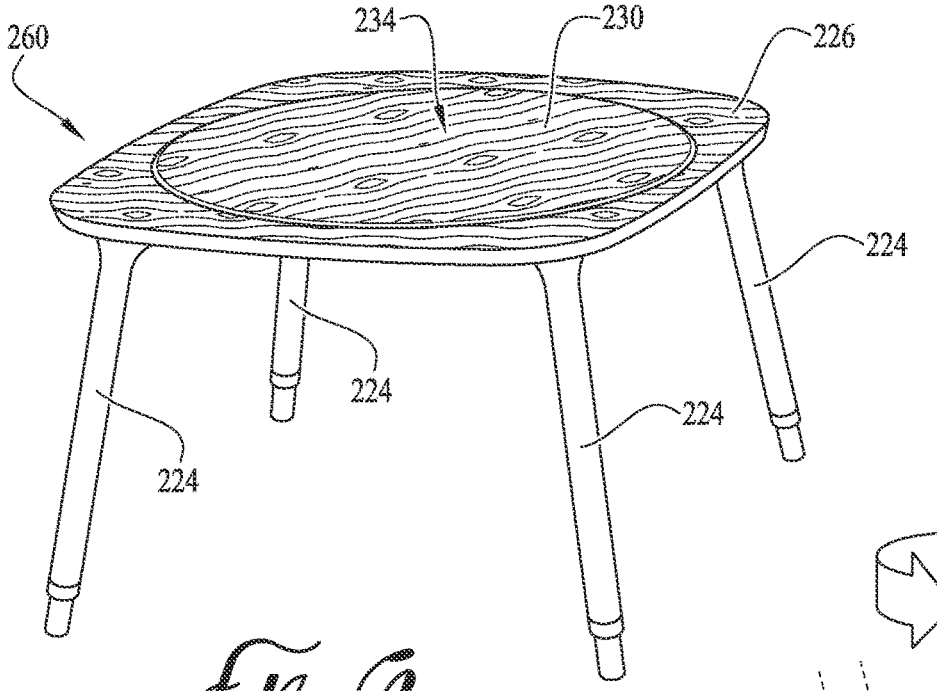


FIG. 6

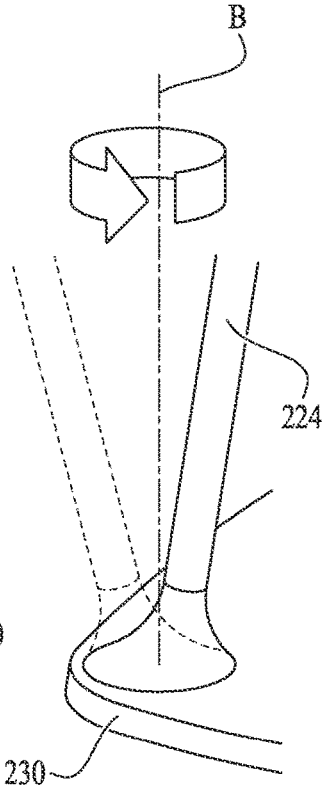


FIG. 7

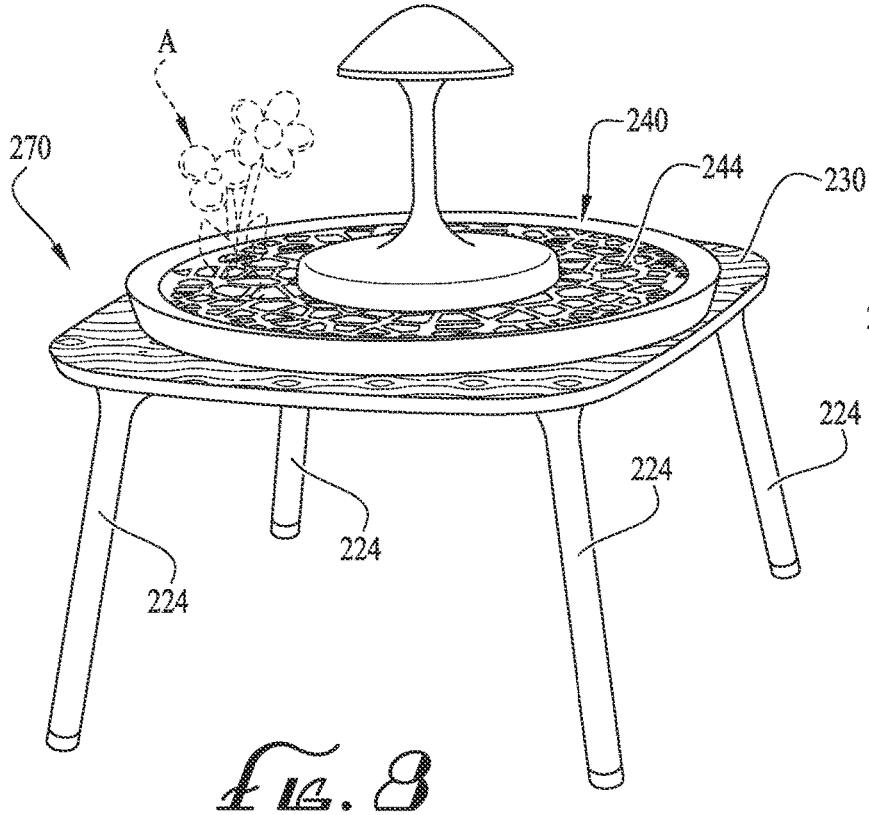


FIG. 8

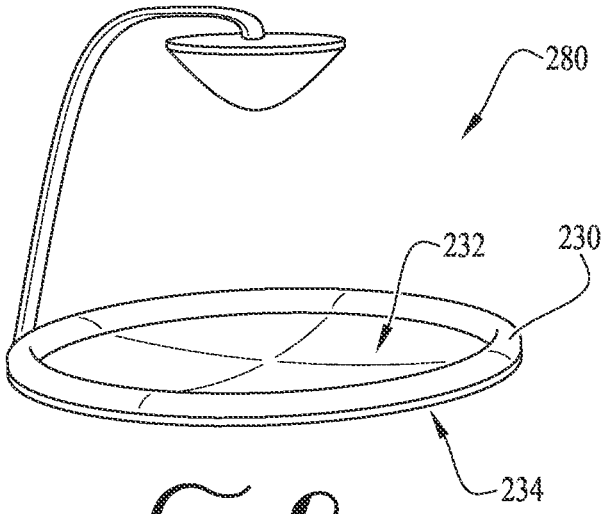


FIG. 9

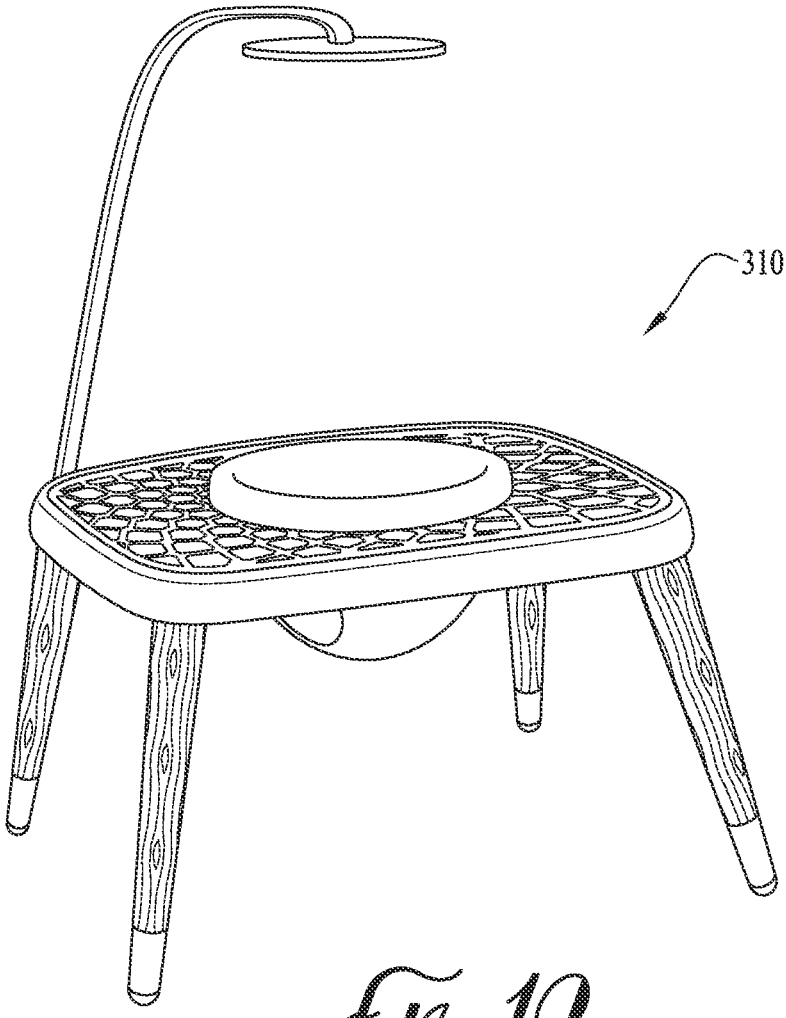


FIG. 10

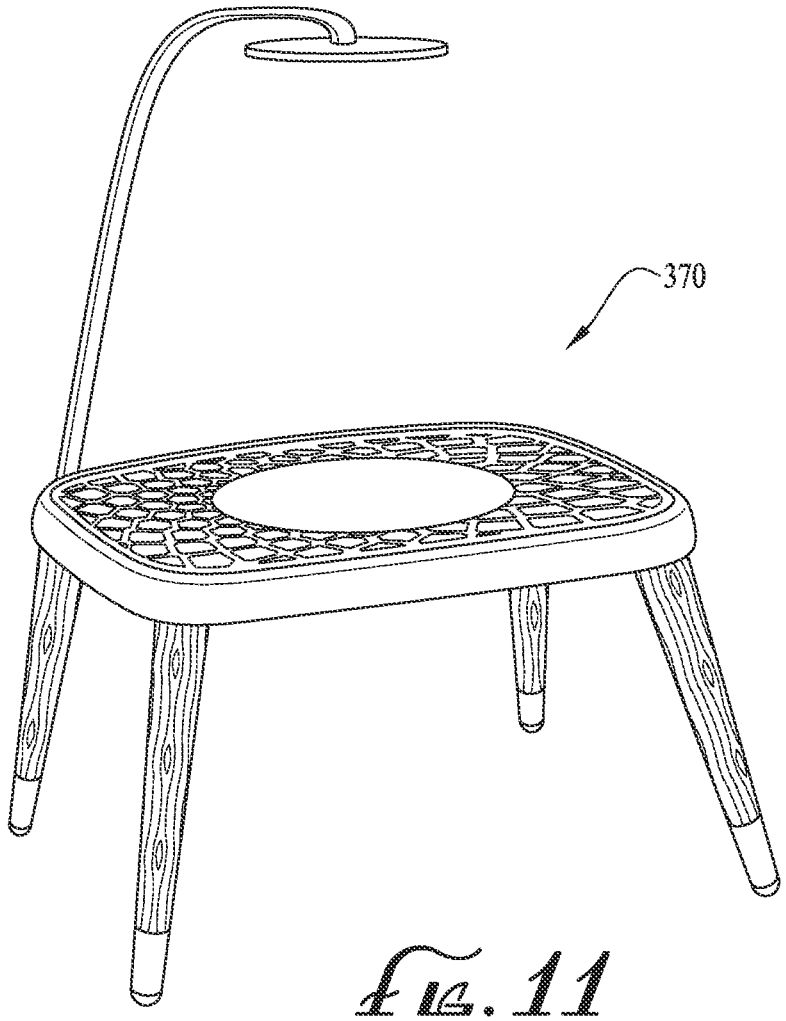


FIG. 11

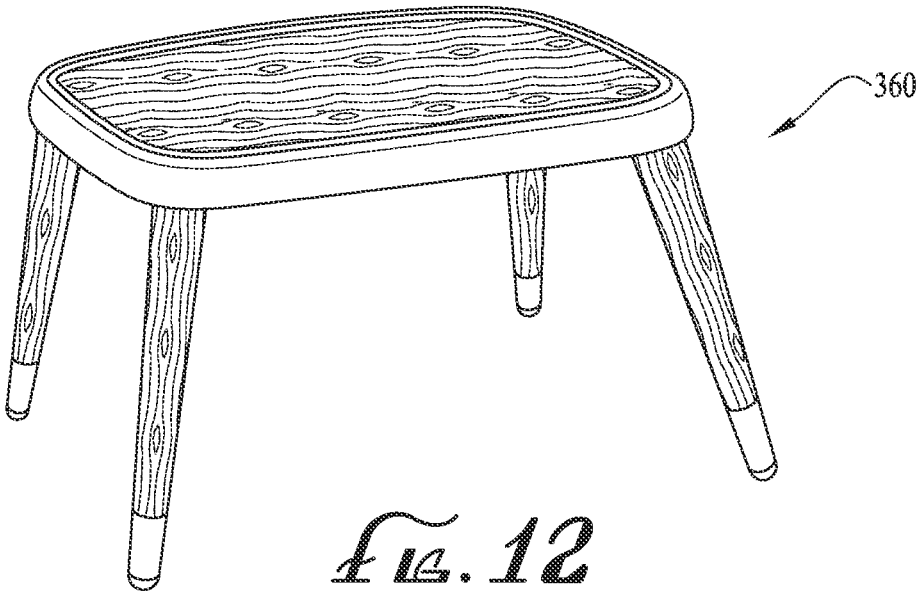
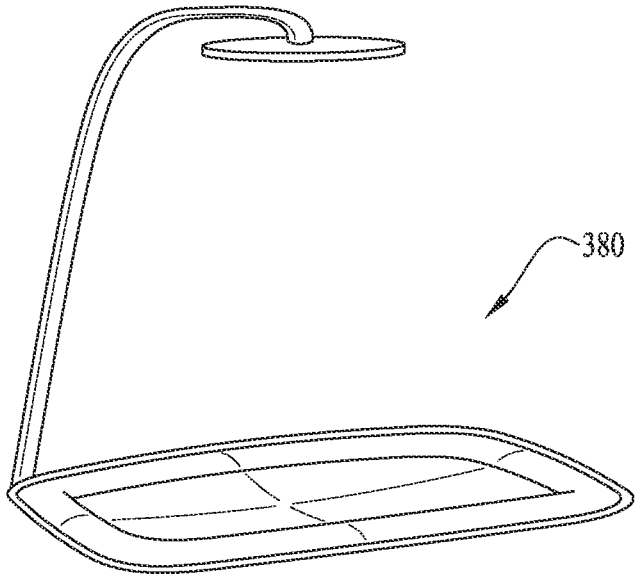


FIG. 12



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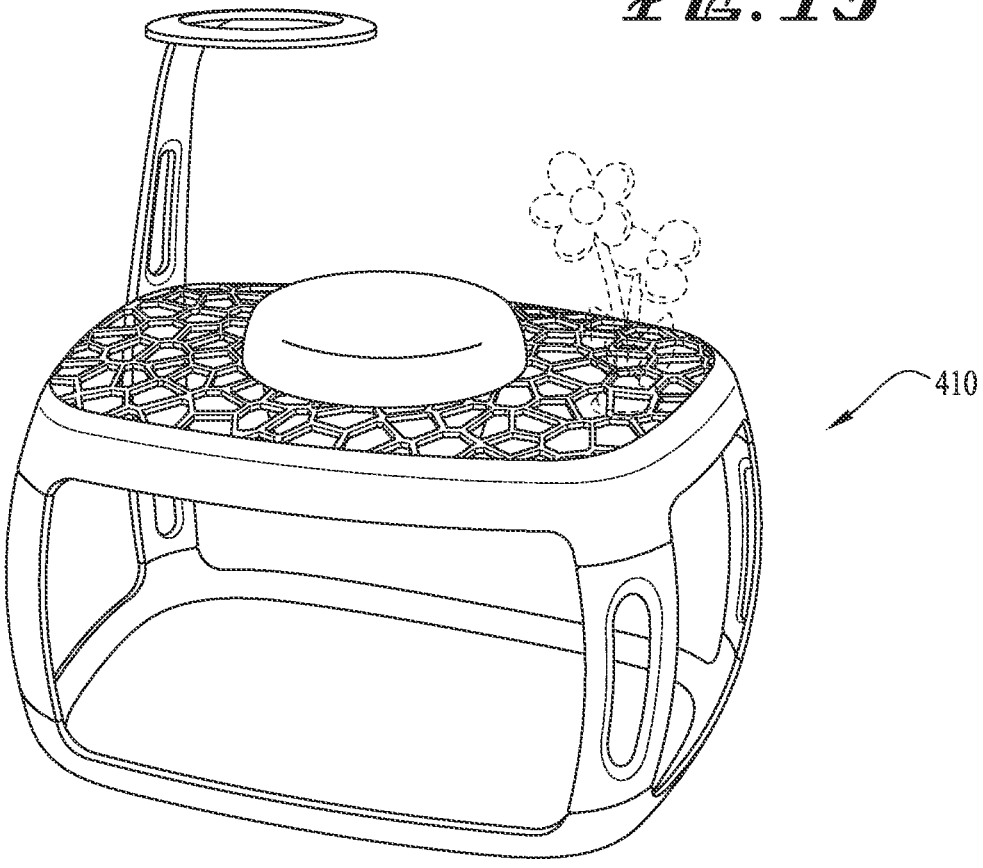

FIG. 14

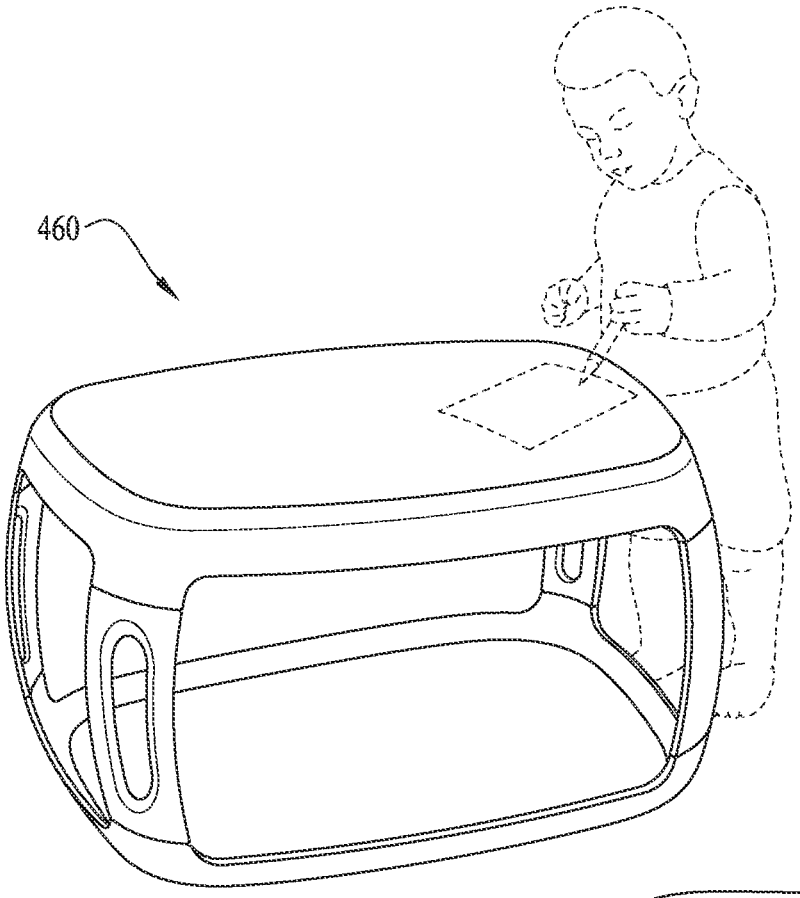

FIG. 15

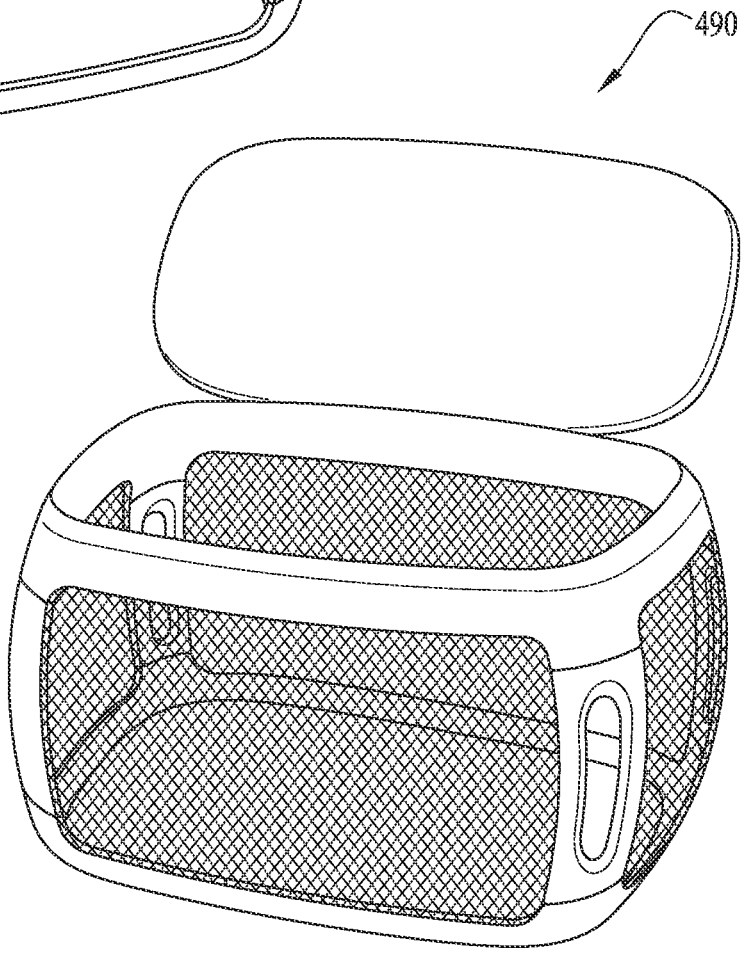

FIG. 16

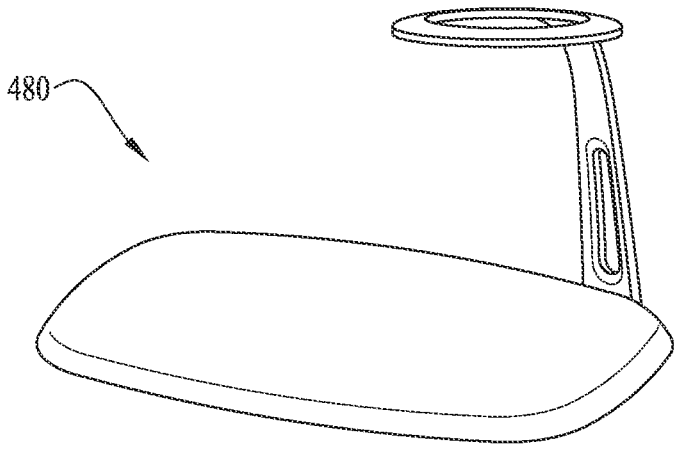

FIG. 17

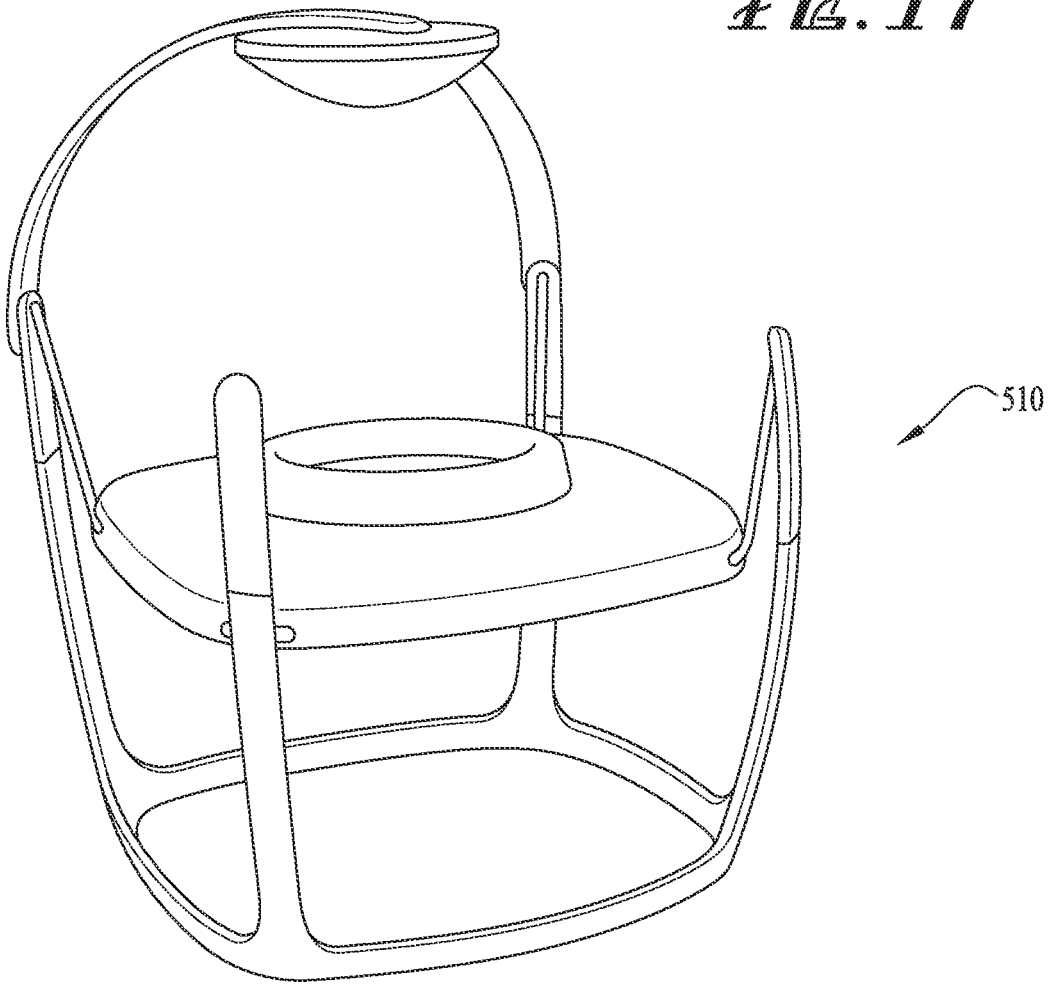

FIG. 18

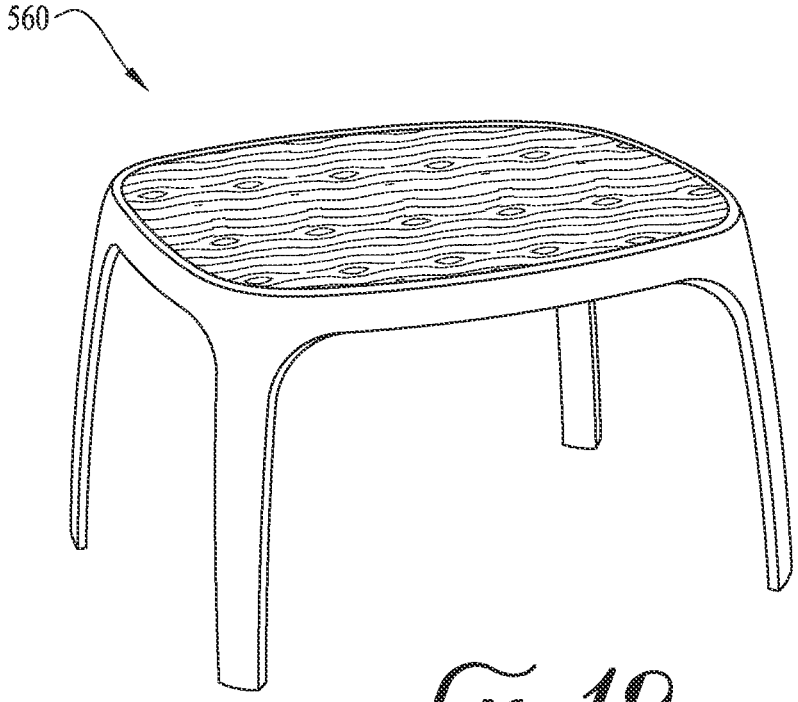

FIG. 19

FIG. 20

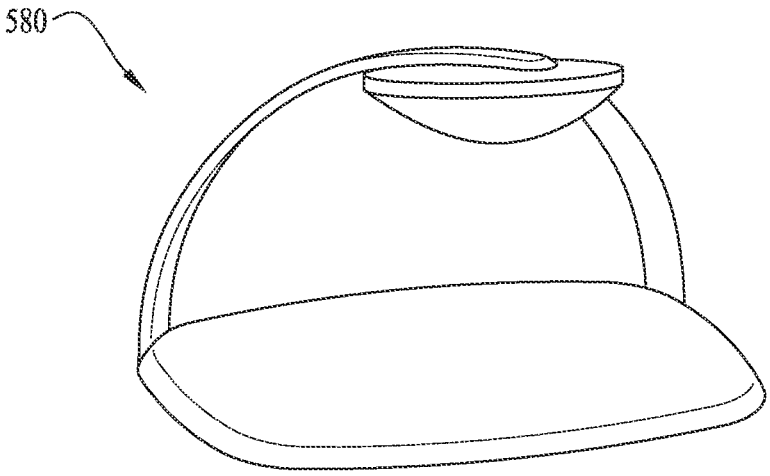

FIG. 21

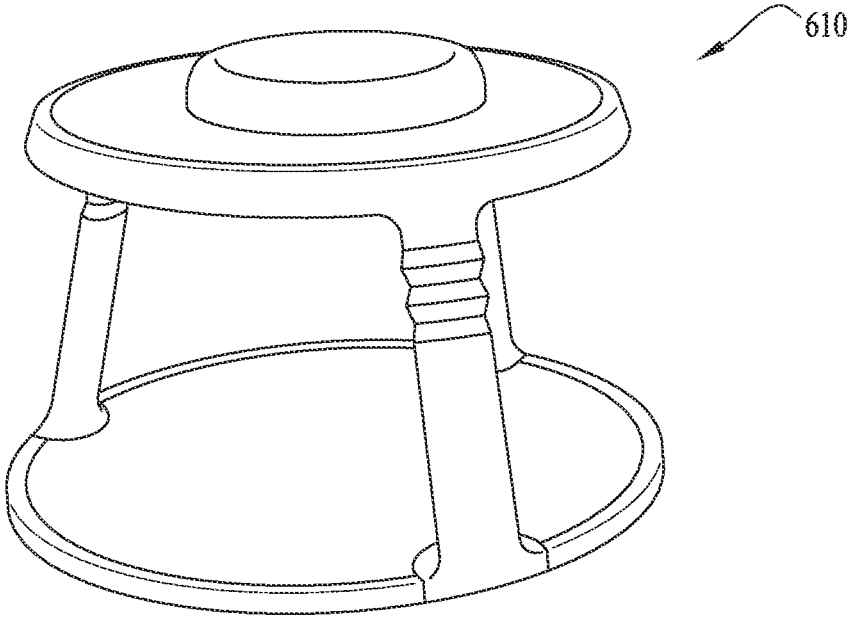

FIG. 22

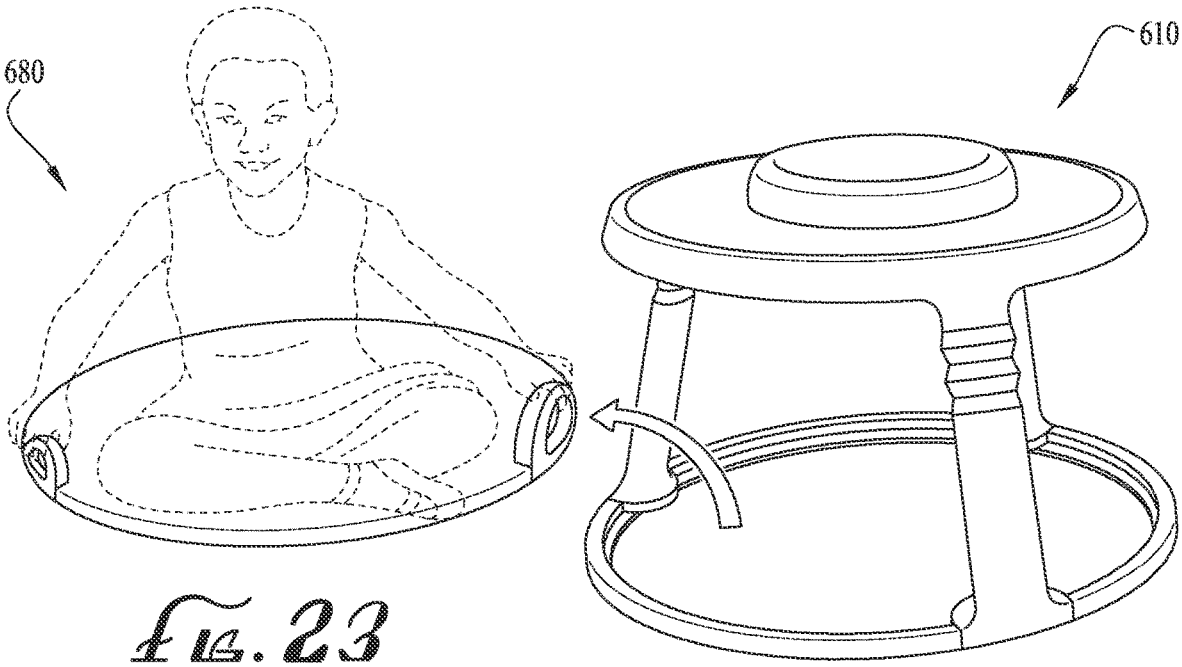

FIG. 23

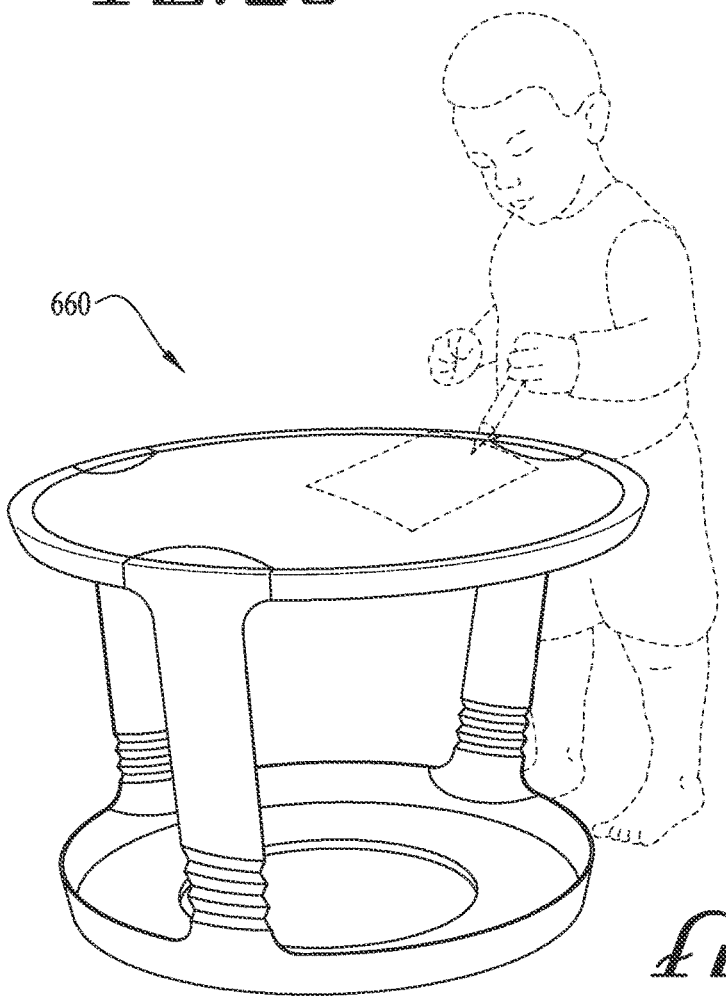

FIG. 24

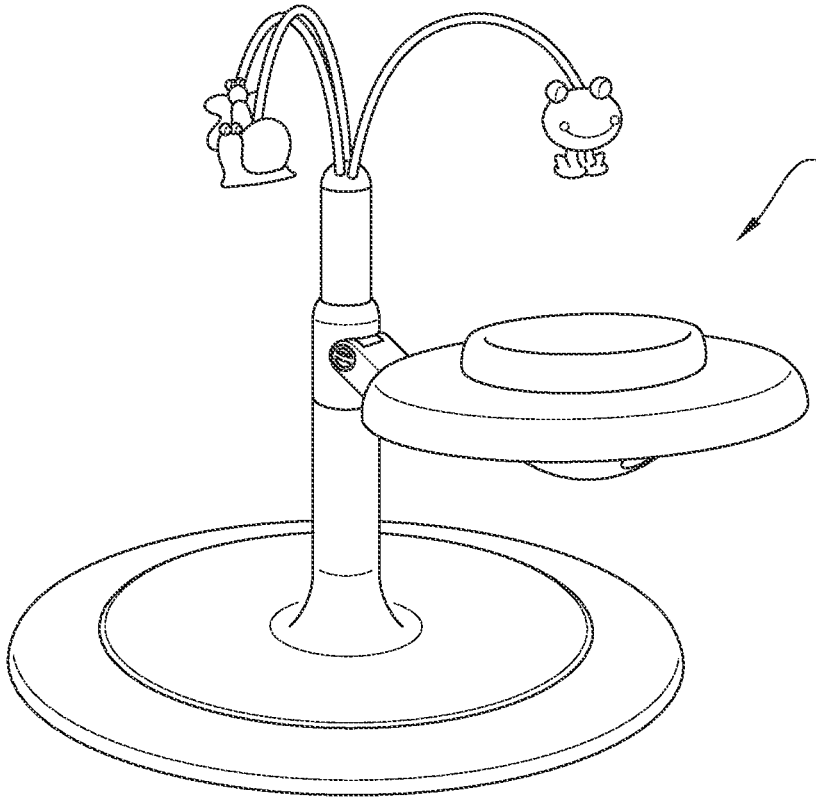

FIG. 25

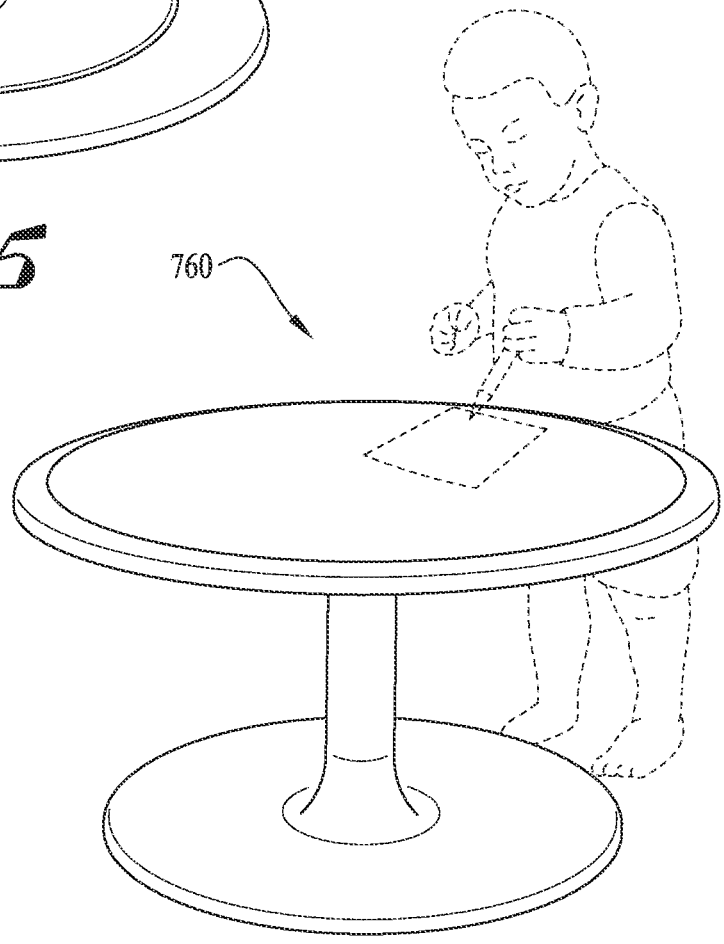

FIG. 26

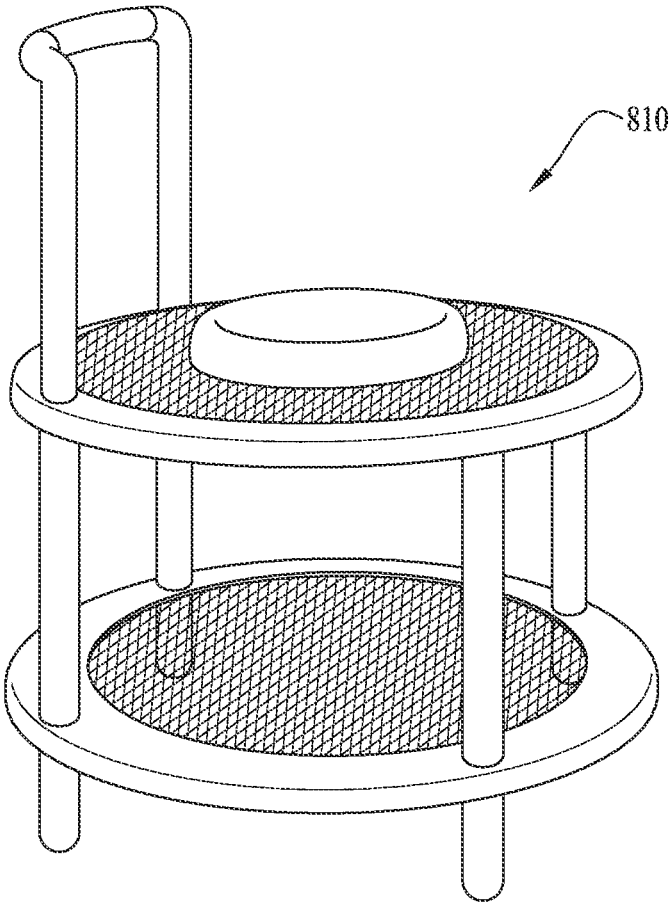

FIG. 27

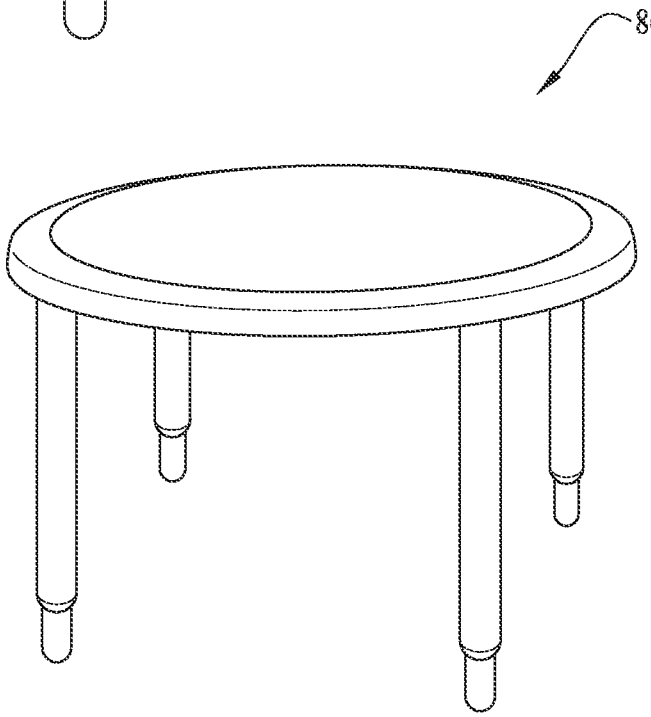

FIG. 28

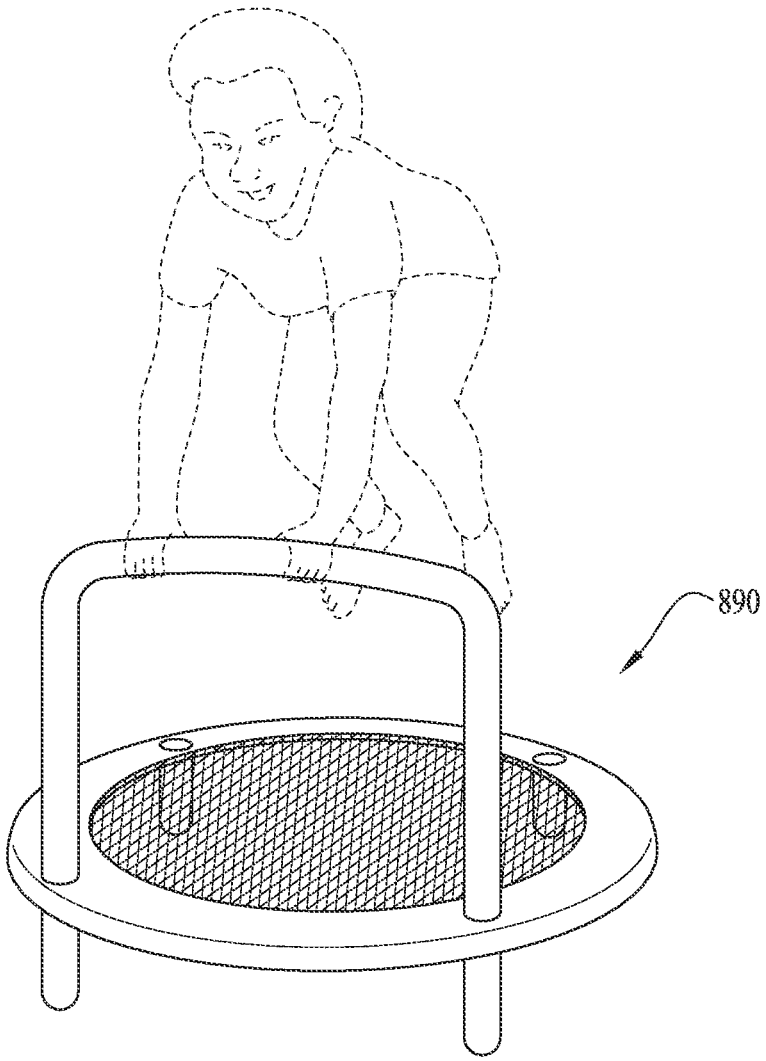

FIG. 29

MODULAR CHILDREN'S ACTIVITY SYSTEM

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application claims the benefit of U.S. Provisional Patent Application Ser. No. 63/027,067 filed May 19, 2020, the entirety of which is hereby incorporated herein by reference for all purposes.

TECHNICAL FIELD

[0002] The present disclosure relates generally to the field of children's accessories, such as for example children's seats, play mats, activity tables and accessories, and more particularly to modular children's activity systems convertible between different configurations including children's jumpers, play mats, activity tables and/or chairs.

BACKGROUND

[0003] Children's accessories and furniture can help promote physical and mental development in children and provide convenience to parents through various stages of early childhood. For example, during infancy, a baby mat provides a safe environment for babies to lie and/or rest. As babies grow, jumpers and activity centers can aid in developing muscles and motor skills while also providing entertainment for the child. As children continue to grow, activity tables, chairs and other accessories may be more appropriate to accommodate more advanced activities. Most parents acknowledge that children grow and develop at an astounding rate, often outgrowing typical children's gear and devices in relatively short time. As a result, the useful life of many known children's accessories may be short-lived and result in considerable expense and waste when products are replaced as a child develops.

[0004] Accordingly, it has been found that needs exist for children's accessories that can be reconfigured for different uses as a child grows and develops. It is to the provision of an improved children's activity system meeting these and other needs that the present disclosure is primarily directed.

SUMMARY

[0005] According to example embodiments, the present disclosure relates to a modular children's activity system that can be reconfigured for different uses as a child grows and develops. In example embodiments, the system includes a top insert, a base and a bottom plate. The top insert includes a seat integrated or mounted thereon. The base includes a top frame and a plurality of legs or support posts. The bottom plate is suspended from the base by a plurality of suspension components.

[0006] In further example embodiments, the disclosure relates to a children's activity system including a top insert, a base and a bottom plate. The base includes a top frame and a plurality of legs or support posts. The bottom plate is suspended from the base by a plurality of suspension components. The top insert includes a rigid panel and a seat mounted to the rigid panel.

[0007] In other example embodiments, the disclosure relates to a children's activity system including a top insert, a base and a bottom plate. The base includes a top frame and a plurality of legs or support posts. The bottom plate is suspended from the base by a plurality of suspension components. The top insert includes an elastic panel and a seat mounted to the elastic panel.

[0008] In still further embodiments, the disclosure relates to a children's activity system including a top insert, a base and a bottom plate. The base includes a top frame and a plurality of legs or support posts. The bottom plate is suspended from the base by a plurality of suspension components. The top insert includes an elastomeric mesh panel and a seat mounted to the elastomeric mesh panel. Optionally, the elastomeric mesh panel may include a plurality of openings configured to receive and temporarily retain a variety of children's toys and accessories.

[0009] These and other aspects, features and advantages of the disclosed example embodiments will be understood with reference to the drawing figures and detailed description herein and will be realized by means of the various elements and combinations particularly pointed out in the appended claims. It is to be understood that both the foregoing general description and the following brief description of the drawings and detailed description of example embodiments are explanatory of example embodiments, and are not restrictive of the invention, as claimed.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] FIG. **1** is a perspective view of a children's activity system configured as a jumper, according to an example embodiment of the present disclosure.

[0011] FIG. **2** is a perspective view of a baby mat configuration converted from the children's activity system of FIG. **1**.

[0012] FIG. **3** is a perspective view of a children's seat configuration converted from the children's activity system of FIG. **1**.

[0013] FIG. **4** is a perspective view of an activity table configuration converted from the children's activity system of FIG. **1**.

[0014] FIG. **5** is a perspective view of a children's activity system configured as a jumper, according to another example embodiment of the present disclosure, showing a web-like mesh having a plurality of gaps or openings and adapted for retaining other toys and accessories in the plurality of gaps and openings.

[0015] FIG. **6** is a perspective view of an activity table configuration converted from the children's activity system of FIG. **5**.

[0016] FIG. **7** is a detailed view of one of the legs of the activity table of FIG. **6**, showing possible movement of the leg.

[0017] FIG. **8** is a perspective view of the activity table of FIG. **6** in an entertainment table configuration.

[0018] FIG. **9** shows a play mat configured to be used as a tabletop insert for the activity table of FIG. **6**.

[0019] FIGS. **10-13** show various configurations of a modular children's activity system, according to further example embodiments and configurations of the present disclosure.

[0020] FIGS. **14-17** show various configurations of a modular children's activity system, according to further example embodiments and configurations of the present disclosure.

[0021] FIGS. **18-21** show various configurations of a modular children's activity system, according to further example embodiments and configurations of the present disclosure.

[0022] FIGS. **22-24** show various configurations of a modular children's activity system, according to further example embodiments and configurations of the present disclosure.

[0023] FIGS. **25-26** show various configurations of a modular children's activity system, according to further example embodiments and configurations of the present disclosure.

[0024] FIGS. **27-29** show various configurations of a modular children's activity system, according to further example embodiments and configurations of the present disclosure.

DETAILED DESCRIPTION OF EXAMPLE EMBODIMENTS

[0025] The present disclosure may be understood more readily by reference to the following detailed description of example embodiments taken in connection with the accompanying drawing figures, which form a part of this disclosure. It is to be understood that this invention is not limited to the specific devices, methods, conditions or parameters described and/or shown herein, and that the terminology used herein is for the purpose of describing particular embodiments by way of example only and is not intended to be limiting of the claimed invention. Any and all patents and other publications identified in this specification are incorporated by reference as though fully set forth herein.

[0026] Also, as used in the specification including the appended claims, the singular forms "a," "an," and "the" include the plural, and reference to a particular numerical value includes at least that particular value, unless the context clearly dictates otherwise. Ranges may be expressed herein as from "about" or "approximately" one particular value and/or to "about" or "approximately" another particular value. When such a range is expressed, another embodiment includes from the one particular value and/or to the other particular value. Similarly, when values are expressed as approximations, by use of the antecedent "about," it will be understood that the particular value forms another embodiment.

[0027] With reference now to the drawing figures, FIGS. **1-29** show examples of modular baby gear systems according to example embodiments of the present disclosure. The modular baby gear systems generally comprise a plurality of support platforms and/or a plurality of support structures. Generally, the support structures are configured to support one or more support platforms above a support surface (e.g., floor or other underlying ground surface). In some depicted embodiments, the support platforms are configured to hold and support a child or infant. In other depicted embodiments, the support platforms provide a surface on which the child can carry out a variety of activities, such as for example writing, drawing, playing with toys, eating and studying. In still other depicted embodiments, the support platforms serve as surfaces for securing children's toys and/or accessories and providing all-around entertainment centers. Generally, the modular baby gear systems are configured such that one or more support structures are compatible with one or more support platforms. Accordingly, a single set of components can be configured in a variety of configurations extending the lifespan of the products and reducing lifetime cost and waste.

[0028] FIGS. **1-4** show a modular children's activity system according to one example embodiment of the present disclosure. According to example embodiments, components of the modular children's activity system can be configured in a variety of configurations, such as for example a children's jumper configuration **110**, an activity table configuration **170**, a play mat configuration **150** and/or a chair configuration **160**. FIG. **1**, for example, shows a configuration of the children's activity system in the form of a convertible children's jumper **110** according to an example embodiment. Generally, the jumper configuration **110** includes a base or support frame **120**, a seat platform **140** comprising a child-receiving apparatus or child-seat **142** and a bottom plate **130** suspended from the base by a plurality of suspension elements or elastic tethers **138**. The base **120** includes a top portion having a top frame **122** configured to receive and retain the seat platform **140**. The top frame **122** is supported by at least one leg **124**, for example a plurality of legs such as two, three, four or more legs. In example embodiments, the base **120** is configured to rest on a support surface (e.g., floor or other underlying ground surface) and, when an infant or child C is occupying the child-seat **142**, child C is suspended above the support surface by the seat **142**. The bottom plate **130** is configured to be suspended under the child's legs and feet and provide tactile feedback as the child moves his/her legs to push down on the bottom plate **130**. The child's interaction with the bottom plate **130** is designed to teach balance, develop lower body motor skills and provide exercise. According to example embodiments, components of the activity system **110** including, for example, the base **120**, seat platform **140**, and bottom plate **130** may be rearranged or reconfigured into a jumper configuration and/or other children's activity device configurations, such as for example a play mat configuration, activity table configurations and/or chair configurations. In example embodiments, the system further includes instructions for configuring one or more components of the system into the different configurations, such as for example written instructions included in or on packaging for the system, on the system components, video instructions, and/or instructions provided via the internet or other communications system. Additional aspects of the disclosure include methods of assembly and/or use of the system by assembly of one or more of the components into one or more of the configurations.

[0029] Generally, the base **120** comprises a top portion comprising a top frame **122** supported by a bottom portion comprising legs **124**. In example embodiments, the base **120** comprises an assembly of geometric tubing of rigid materials, such as for example polyethylene or other polymers or plastics, aluminum or other metals, composites, natural or synthetic wood, or other structural materials of construction. In example embodiments, the top frame **122** is configured or adapted such that other children's toys and accessories A can be removably attached thereto (see FIG. **1**). For example, the top frame **122** may comprise one or more dedicated adaptors or receivers for releasably retaining one or more children's toys and/or accessories A. In another example, the top frame **122** may be adapted for clamping or clipping thereon the children's toys and/or accessories A, for example, by way of dedicated slots or grooves. In example embodiments, the top frame **122** comprises a perimetric structure defining an area

or opening configured to receive and retain, for example, the seat platform **140**—or the bottom plate **130** in certain configurations as described greater detail below. In the depicted embodiment, the top frame **122** has an annular profile with an inner circular opening adapted to secure therein the circular seat platform **140**. However, in other example embodiments, the top frame and top insert can be any geometric shape as desired or preferred.

[0030] In example embodiments, the top frame **122** is supported by two generally U-shaped legs **124** where each of the legs **124** includes a first vertical post **124***a*, a second vertical post **124***b* and a bottom crossmember **124***c*, as best shown in FIG. **3**. Each of the first and second vertical posts **124***a*, **124***b* comprise top, proximal ends and bottom, distal ends. In example embodiments, the top, proximal ends of the first and second vertical posts are configured to be detachably secured to the top frame **122** while the bottom, distal ends of the vertical posts **124***a* and **124***b* are connected by the bottom crossmember **124***c*. In example embodiments, the legs **124** comprise elliptical tubing arranged in a generally trapezoidal profile. The trapezoidal profile ensures a wider footprint towards the support surface (e.g., ground) than near the top to help increase the stability in the various baby gear configurations. In example embodiments, the bottom, distal ends of the vertical posts and bottom crossmember **124***c* form an arcuate or rounded profile to permit rocking motions, for example, in the jumper and chair configurations **140**, **160**. In some example embodiments, the first vertical post **124***a*, second vertical posts **124***b* and crossmember **124***c* may comprise at least portions or section deformable or flexible material which can be twisted or otherwise manipulated to prevent rocking motions. For example, the crossmembers **124***c* may comprise a deformable or modifiable portion or section allowing the legs to be altered from the general U-shaped profile to a W-shaped profile effectively providing four points of contact with the support surface to prevent any rocking of the baby gear. Alternatively, feet or stops **140** may be provided under the legs **124**, as best shown in FIG. **4**, to achieve the same purpose.

[0031] In example embodiments, the seat platform **140** comprises an outer ring or frame **146** surrounding a surface panel **144** and a child-seat **142** embedded or integrated in, for example, substantially the center of the surface panel **144**. In example embodiments, the surface panel comprises a rigid panel material, such as for example, polyethylene or other rigid, durable material. In some example embodiments, the surface panel **144** comprises an elastomeric mesh or an elastic web membrane **244** (see, e.g., FIG. **5**). In example embodiments, the elastomeric mesh **244** is a web or a mesh of elastomeric material featuring a matrix of gaps or cell openings in which a variety of children's toys and accessories A can be removably secured. In example embodiments, the elastomeric mesh **244** provides enough tension between the child-seat **248** and the outer frame **242** to keep the child suspended from the support surface (e.g., ground) and allows for vertical and slight tilting motions while the child is seated in the child-seat **248**. In other example embodiments, the surface panel comprises an elastic, tensioned fabric. In still other example embodiments, the surface panel comprises an elastic, tensioned fabric surface with an elastomeric mesh membrane.

[0032] In example embodiments, the bottom plate **130** is generally suspended below the seat platform **140** and child-seat **142** by a plurality of suspension or elastic tethers **138** removably connected to the base **120** or legs **124**. The bottom plate **130** is spaced from the seat platform **140** and child-seat **142** such that, when a child is seated in the child-seat **142**, the child is able to manipulate the bottom plate **130** in three-dimensional motion. For example, the child can push down on the bottom plate **130** with his/her feet and also wobble it side-to-side, as depicted by the motion arrows in FIG. **1**. The child's interaction with the bottom plate, and the tactile feedback therefrom, can help with the development of the child's motor skills, body awareness and muscle growth. In example embodiments, the height or vertical position of the bottom plate may be adjusted by adjusting the length of the tethers **138** or the attachment points of the tethers to the base **120** or legs **124**.

[0033] In example embodiments, the children's activity system can also be reconfigured or converted into multiple (two or more) different children's accessory configurations depending on the needs of the child during various stages of the child's growth and development—for example, a play mat configuration for a newborn, an activity table configuration for infant and a sling chair configuration for a toddler (see FIGS. **2-4**). For example, to accommodate a newborn child not yet capable or ready to sit independently, the bottom plate **130** of the children's activity system can be used as a play mat, as shown in FIG. **2**. The bottom plate **130** includes a first, upholstered side **132** and a second, hard-surface side **134**. When used separately and alone, the bottom plate **130** can be placed on the support surface with the upholstered side **132** facing up wherein the upholstered side provides a safe and padded area for the child to play and rest.

[0034] As the child grows, the children's activity system can be converted to a chair configuration **160**, as shown in FIG. **3**, to accommodate toddlers and older children. According to example embodiments, in the chair configuration, the seat platform **140** is replaced with a chair insert **148**. In example embodiments, the chair insert **148** is removably secured to the top frame **122**. In example embodiments, the chair insert **148** comprises a fabric or mesh material attached to and surrounded by an outer frame. Generally, the fabric or mesh material is adapted to support the child in a seated position and may be elastic or nonelastic. In the chair configuration **160**, the bottom plate **130** and suspension members **138** may be removed from the base **120** without affecting the functionality of the chair. To provide a more comfortable seating angle for the child user, extension members may be inserted between respective vertical posts (for example, post **124***b*) of each leg **124** and the top frame **122** whereby one side of the top frame **122** is positioned lower to the support surface than the opposite side of the top frame (i.e., the side of the top frame **122** supported by vertical posts **124***a* is lower than the opposite side of the top frame **122** supported by vertical posts **124***b* as depicted in FIG. **3**).

[0035] Alternatively, the activity system can be converted to an activity table configuration **170**, as shown in FIG. **4**. According to example embodiments, in the activity table configuration, the seat platform **140** is replaced with the bottom plate **130** wherein the bottom plate **130** is removably secured to the top frame **122** with the hard-surface side **134** facing up. The hard-surface tabletop **134** provides an area on which the child or user can partake in a variety of activities, such as for example writing, drawing, playing with toys,

eating, studying, etc. To prevent rocking and provide stability in the table, chair or jumper configurations, feet or wedges **126** may be detachably secured to the underside of crossmembers **124***c*.

[0036] In another example form, the present disclosure relates to a modular children's activity system comprising a plurality of interchangeable and/or reconfigurable modular components which, alone or in different combinations, can be arranged to construct or form a variety of children's accessories such as, for example, a jumper, a baby mat, an activity table and/or a chair. The modular activity system provides a convenient and efficient system capable of providing a variety of accessories and furniture to accommodate the needs of a child as the child grows from a newborn to an infant to a toddler and beyond. In example embodiments, the modular activity system comprises at least a top insert, a body frame adapted to receive the top insert, a bottom plate suspended from the body frame, and a plurality of suspension components. In example embodiments, the top insert, body frame, bottom plate and plurality of suspension components, alone or in combinations thereof, can be rearranged to form the children's jumper, activity table, chair and/or baby mat. In example embodiments, the top insert comprises a rigid panel with a seat adapted for a child embedded or integrated therein. The rigid panel is surrounded by an outer frame configured to be releasably mated or mounted to the body frame. In some example embodiments, the top insert includes an elastic panel comprising an elastic fabric and/or an elastomeric mesh membrane, and the seat is suspended from the outer frame by the elastic panel. Additionally, according to example embodiments of the present disclosure, the bottom plate includes an upholstered side and a hard-top side. Accordingly, the bottom plate can function as a play mat wherein the upholstered side provides a safe and padded area for a child to play and rest. Alternatively, the hard-top side of the bottom plate can also function as a tabletop when placed on the body frame. In some example embodiments, the modular baby gear system may include additional components such as for example a top insert comprising a fabric or mesh panel tensioned between an outer frame and adapted to support a child thereon in a seated position, for example, like a sling chair.

[0037] FIGS. **5-9** show a modular children's activity system according to another example embodiment of the present disclosure. In the depicted embodiment, components of the modular activity system can be configured in a variety of configurations, such as for example a jumper configuration **210**, an activity table configuration **260**, an entertainment center configuration **270** and/or a play mat configuration **280**. In the depicted embodiment, the jumper configuration **210** includes a seat platform **240** and a base frame **220**. The seat platform **240** comprises an annular elastomeric mesh panel **244** tensioned between an outer ring **242** and an inner ring **246**. In example embodiments, a seat **248** is mounted to the inner ring **246**. The base frame **220** comprises a tabletop frame **226** and a plurality of legs **224** connected to the tabletop frame **226**.

[0038] In the jumper configuration **210**, as shown in FIG. **5**, the base frame **220** is placed on the support surface (e.g., ground) with the tabletop frame **226** down and in contact with support surface and the plurality of legs **224** extending up or into the air. The seat platform **240** is mounted on and supported by the plurality of legs **224** over the tabletop frame **226**. A child-seat **248** is attached or otherwise mounted to the inner ring **246** whereby the child-seat is supported and suspended over the support surface by the elastomeric mesh panel **244**.

[0039] In the activity table configuration **260**, as shown in FIG. **6**, the seat platform **240** is removed and the base frame **220** is placed on the support surface with the plurality of legs **224** contacting the support surface and supporting the tabletop frame **226** above the support surface. In example embodiments, the tabletop frame **226** defines an opening configured to receive and retain a tabletop insert **230**. The tabletop insert **230** comprises an upholstered side **232** and a hard-top side **234**. For use with the activity table **260**, the tabletop insert **230** is secured to the opening in the tabletop frame **226** with the hard-top side **234** facing up. Alternatively, the tabletop insert **230** can be replaced with the seat platform **240** to provide an entertainment center, as best shown in FIG. **8**. The elastomeric mesh panel comprises a plurality of cell openings or gaps adapted to releasably hold a variety of children's toys and accessories A. In other example embodiments, as shown in FIG. **9**, the tabletop insert **230** can be used alone as a play mat such that the upholstered side **232** provides a padded and safe area for an infant or child to play and/o rest.

[0040] As shown in FIG. **7**, the plurality of legs **224** are generally titled or slanted with respect to the tabletop frame **230**. The legs **224** are optionally configured to rotate about an axis B transverse to the tabletop frame **230**. Therefore, when the legs **224** are rotated about axis B, the free ends of the legs **224** are configured to follow circular trajectories allowing the legs to be configured such that they spread down and out in any configuration, for example inwardly or outwardly directed at an oblique, acute or obtuse angle, or at a right angle, relative to the tabletop. For example, in the activity table configuration, as shown in FIG. **6**, the legs **224** are rotated outward to form a wider base at the free ends of the legs **224**. In the jumper configurations, as shown in FIG. **5**, the free ends of legs **224** are rotated inwards and coupled to the seat platform **240** such that the legs tilt outwards closer to the support surface. The wider footprint near the support surface in both configurations ensures better stability.

[0041] FIGS. **10-13** show a modular children's activity system according to another example embodiment. In the depicted embodiment, components of the modular activity system can be configured in a variety of children's accessory configurations such as for example a child jumper configuration **310**, an activity table configuration **360**, an entertainment center configuration **370** and/or a play mat configuration **380**.

[0042] FIGS. **14-17** show a modular children's activity system according to another example embodiment. In the depicted embodiment, components of the modular activity system can be configured in a variety of children's accessory configurations such as for example a child jumper configuration **410**, an activity table configuration **460**, a toy box or storage configuration **490** and/or a play mat configuration **480**.

[0043] FIGS. **18-21** show a modular children's activity system according to another example embodiment. In the depicted embodiment, components of the modular activity system can be configured in a variety of children's accessory configurations such as for example a child jumper configu-

ration **510**, an activity table configuration **560**, an entertainment center configuration **570** and/or a play mat configuration **580**.

[0044] FIGS. **22-24** show a modular children's activity system according to another example embodiment. In the depicted embodiment, components of the modular activity system can be configured in a variety of children's accessory configurations such as for example a child jumper configuration **610**, an activity table configuration **660**, an entertainment center configuration **670** and/or a wobble disk configuration **680**.

[0045] FIGS. **25-26** show a modular children's activity system according to another example embodiment. In the depicted embodiment, components of the modular activity system can be configured in a variety of children's accessory configurations such as for example a child jumper configuration **710** and an activity table configuration **760**.

[0046] FIGS. **27-29** show a modular children's activity system according to another example embodiment. In the depicted embodiment, components of the modular activity system can be configured in a variety of children's accessory configurations such as for example a child jumper configuration **810**, an activity table configuration **860** and/or a trampoline configuration **890**.

[0047] While the invention has been described with reference to example embodiments, it will be understood by those skilled in the art that a variety of modifications, additions, and deletions are within the scope of the invention, as defined by the following claims.

What is claimed is:

1. A modular activity system comprising:
a top insert including a seat integrated thereon,
a base having a top frame and plurality of legs, and
a bottom plate suspended from the base by a plurality of suspension components.

2. The modular activity system of claim **1**, wherein the top insert, the base and the bottom plate are reconfigurable between a plurality of configurations, said plurality of configurations selected from a jumper configuration, a baby mat configuration, an activity table configuration, and a chair configuration.

3. The modular activity system of claim **1**, wherein the top insert comprises a rigid panel and wherein the seat is integrated to the rigid panel.

4. The modular activity system of claim **1**, wherein the top insert comprises an elastic panel and wherein the seat is integrated to the elastic panel and suspended therefrom.

5. The modular activity system of claim **1**, wherein the top insert comprises an elastomeric mesh panel and wherein the seat is integrated with the elastomeric mesh panel and suspended therefrom.

6. The modular activity system of claim **5**, wherein the mesh membrane comprises a plurality of openings configured to detachably receive one or more children's toys and accessories.

7. The modular activity system of claim **1**, wherein the plurality of legs each have an arcuate profile to permit rocking.

8. The modular activity system of claim **1**, convertible between a jumper configuration and a sling chair configuration.

9. The modular activity system of claim **1**, convertible between a children's jumper configuration and an activity table configuration.

10. The modular activity system of claim **1**, wherein the bottom plate comprises an upholstered side and a hard-surface side.

11. The modular activity system of claim **8**, wherein the bottom plate is configurable as a baby mat.

12. The modular activity system of claim **8**, wherein the bottom plate is configurable as a tabletop in an activity table configuration.

13. The modular activity system of claim **1**, wherein the suspension components are removably secured to the bottom plate and the base.

14. The modular activity system of claim **1**, wherein the suspension components comprise spring-loaded straps.

15. A modular activity system comprising:
a top insert,
a body frame adapted to receive the top insert,
a bottom plate suspended from the body frame, and
a plurality of suspension components,
wherein the top insert, body frame, bottom plate and plurality of suspension components are reconfigurable between a plurality of configurations, the plurality of configurations comprising a children's jumper configuration, an activity table configuration, a chair configuration, and a play mat configuration.

16. The modular activity system of claim **15**, wherein the top insert comprises a seat configured to receive and support a child.

17. The modular activity system of claim **16**, wherein the top insert comprises a rigid panel and wherein the seat is embedded in the rigid panel.

18. The modular activity system of claim **16**, wherein the top insert comprises an elastic panel and wherein the seat is mounted to the elastic panel.

19. The modular activity system of claim **15**, wherein the bottom plate comprises a first upholstered side and a second hard-surface side.

20. The modular activity system of claim **19**, wherein the first upholstered side is adapted for laying a baby thereon when the bottom plate is used in the play mat configuration, and wherein the second hard-surface side is adapted for providing a tabletop surface when the bottom plate is used in the activity table configuration.

21. A method of conversion between a plurality of children's accessory configurations of a modular activity system, the method comprising:
providing a modular activity system comprising a top component, a body component, and a bottom component; and
enabling assembly of at least one of the top component, the body component, and the bottom component into a plurality of configurations, said plurality of configurations selected from a jumper configuration, a baby mat configuration, an activity table configuration, and a chair configuration.

22. The method of claim **21**, wherein the step of enabling assembly into a plurality of configurations comprises providing instructions for a user to assemble the top component, the base component, and the bottom component into the plurality of configurations.

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