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(54) **SHOULDER STRAP HEIGHT ADJUSTING MECHANISM, SEAT CLOTH AND CHILD CARRIER**

(57) The present disclosure provides a shoulder strap height adjusting mechanism. The shoulder strap height adjusting mechanism includes a seat pad and shoulder straps. The seat pad is provided with shoulder strap perforations through which the shoulder straps pass and shielding sheets located at the shoulder strap perforations. The shielding sheets at least partially shield the shoulder strap perforations and divide the shoulder strap perforations into an upper perforation and a lower perforation with different heights that extend substantially in the transverse direction. A communication hole is formed between the two perforations, communicating the upper perforation and the lower perforation. Extending directions of the upper perforation and the lower

perforation are parallel, and the communication hole extends substantially in the height direction. Two shoulder straps are provided, and two shoulder strap perforations are arranged side by side on the seat pad, with two shielding sheets respectively located at the two shoulder strap perforations. The two shoulder strap perforations are at the same height. Two sliding straps are disposed in the two shoulder strap perforations and extend respectively along the height direction. The two shoulder straps pass through the two shoulder strap perforations respectively and are slidably connected to the corresponding sliding straps through fasteners. The present disclosure further provides a seat cloth and a child carrier.

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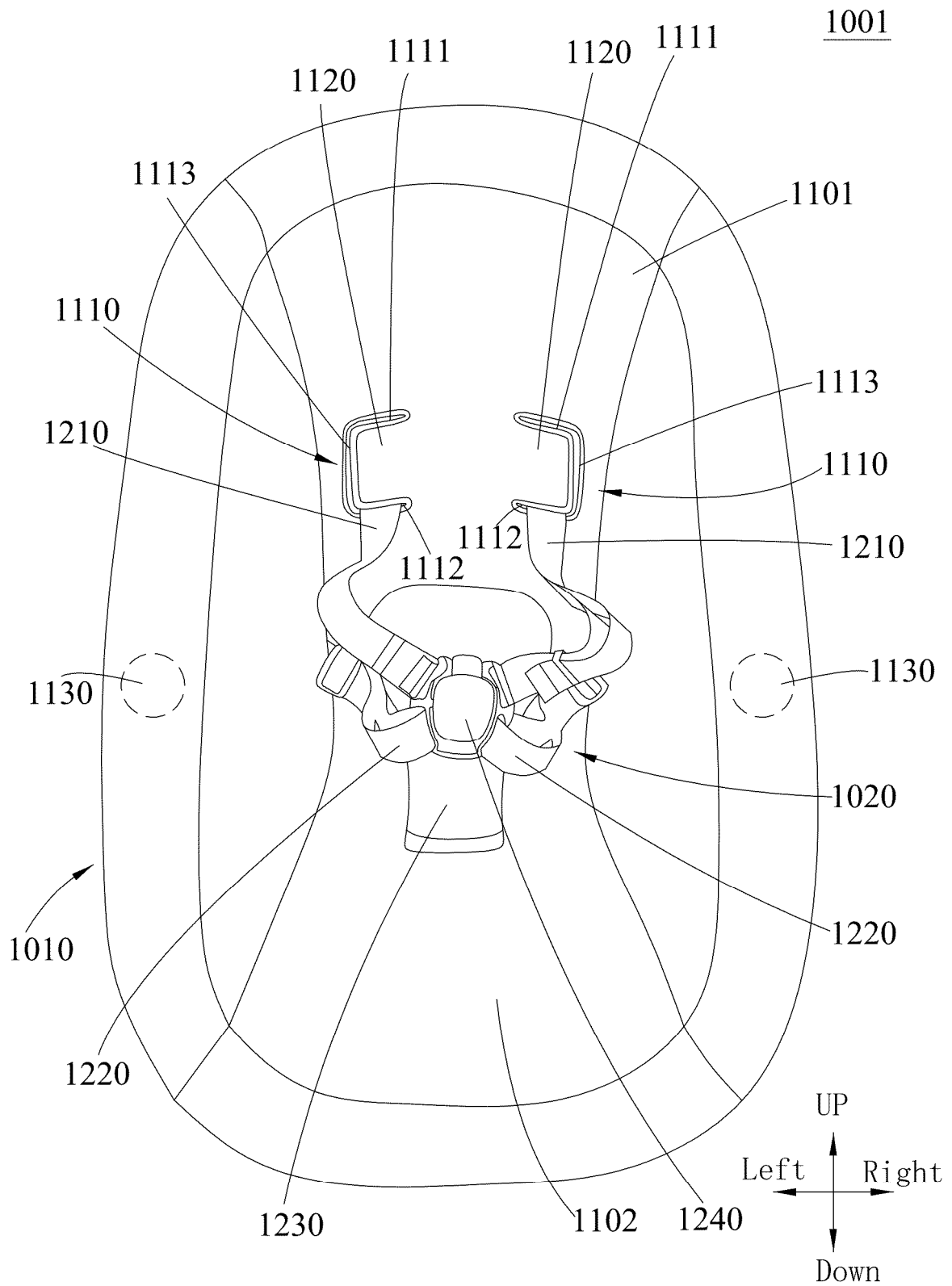


FIG. 1

Description

TECHNICAL FIELD

[0001] The present disclosure relates to the field of children's products, and more particularly to a shoulder strap height adjusting mechanism. The present disclosure also relates to a seat cloth, in particular to a seat cloth convenient for installation, and a child carrier including the seat cloth.

BACKGROUND

[0002] A child rocker is a seat specifically designed for infants or children and having a rocking function. The child rocker can effectively soothe emotions of infants or children through regular gentle rocking, helping them relax or fall asleep.

[0003] The child rocker may be provided with a seat pad and a restraint system for restraining the infant or child. The restraint system may be used to prevent the infant or child from accidentally falling off the child rocker. The restraint system may include shoulder straps, a waist strap, a crotch strap, and the like.

[0004] At present, the height of the shoulder straps in some rockers is not adjustable, or the adjustment method is complicated, which is not conducive to the user's operation. Therefore, there is an urgent need for a rocker with adjustable shoulder strap height for convenient adjustment.

[0005] An infant seat or infant rocker may provide a comfortable resting space for infants, thereby reducing the burden on caregivers. Common infant seats or infant rockers include a frame and a seat cloth. The frame is supported on the ground and bears weight of the infant, and the seat cloth is wrapped around the frame and provides a bearing surface for the infant. For the convenience of disassembly and cleaning, the seat cloth is designed to be detachably assembled to the frame through an installation structure. Existing installation structures are usually zippers or Velcro extending along the frame, for example, extending almost the entire circumference along the frame. Such an installation structure requires operating the zipper or Velcro around the entire circumference during disassembly, which brings inconvenience to the operation.

[0006] Therefore, there is a need to provide an improved seat cloth installation structure, which has more convenient operation and can be stably connected to the seat frame.

SUMMARY

[0007] An objective of the present disclosure is to provide a shoulder strap height adjusting mechanism that is convenient for adjustment and a rocker.

[0008] In order to achieve the above objective, in one aspect of the present disclosure, the present disclosure

provides a shoulder strap height adjusting mechanism and a rocker. The shoulder strap height adjusting mechanism includes a seat pad and shoulder straps. The seat pad is provided with shoulder strap perforations through which the shoulder straps pass and shielding sheets located at the shoulder strap perforations. The shielding sheets at least partially shield the shoulder strap perforations and divide the shoulder strap perforations into an upper perforation and a lower perforation with different heights. A communication hole is formed between the upper perforation and the lower perforation, and the communication hole is communicated with the upper perforation and the lower perforation. The upper perforation and the lower perforation extend substantially in a transverse direction. An extending direction of the upper perforation is parallel to an extending direction of the lower perforation. The communication hole extends substantially in a height direction. Two shoulder straps are provided. Two shoulder strap perforations are arranged side by side on the seat pad and two shielding sheets are respectively located at the two shoulder strap perforations. The two shoulder strap perforations are located at the same height. Two sliding straps are provided in the two shoulder strap perforations. The two sliding straps respectively extend along the height direction, and the two shoulder straps respectively pass through the two shoulder strap perforations and are respectively slidably connected to corresponding sliding straps through fasteners.

[0009] In one embodiment, the upper perforation and the lower perforation extend slightly obliquely to the transverse direction.

[0010] In one embodiment, the communication hole is connected to outer ends of the upper perforation and the lower perforation in the transverse direction, or the communication hole is connected to middle parts of the upper perforation and the lower perforation in the transverse direction.

[0011] In one embodiment, the shoulder strap height adjusting mechanism further includes a sliding strap extending along the height direction, the sliding strap is disposed in the shoulder strap perforation and connected to the seat pad, and the shoulder strap is slidable along the sliding strap to adjust a length of the shoulder strap.

[0012] In one embodiment, the shoulder strap height adjusting mechanism further includes a fastener, the fastener is slidably connected to the sliding strap, one end of the shoulder strap is connected to the fastener, and the fastener slides along the sliding strap to adjust the length of the shoulder strap.

[0013] In one embodiment, the shoulder strap height adjusting mechanism further includes an adjusting strap, one end of the adjusting strap is connected to the fastener, and the other end extends from a rear of the seat pad; the adjusting strap is pulled to drive the fastener to slide along a sliding strap, so as to adjust the length of the shoulder strap.

[0014] In one embodiment, the two adjusting straps are

integrally formed as the adjusting strap at the rear of the seat pad.

[0015] In one embodiment, the adjusting strap forms a free end at the rear of the seat pad.

[0016] In one embodiment, a handle sheath is sleeved on the adjusting strap.

[0017] In one embodiment, the shielding sheet is provided with a first fixing member, and the seat pad is provided with a second fixing member capable of being connected to and separated from the first fixing member.

[0018] In one embodiment, the first fixing member and the second fixing member are magnetic members or buckles.

[0019] In one embodiment, the seat pad is further connected with a waist strap and a crotch strap, a free end of the crotch strap is provided with a central buckle, and the shoulder strap and the waist strap are respectively detachably connected to the central buckle.

[0020] In one embodiment, a shoulder strap sheath is sleeved on the shoulder strap, and one end of the shoulder strap sheath is fixed to the seat pad; and/or a waist strap sheath is sleeved on the waist strap, and one end of the waist strap sheath is fixed to the seat pad.

[0021] In one embodiment, the shielding sheet is capable of being folded to expose the shoulder strap perforations.

[0022] In one embodiment, magnetic members are provided at edges of both sides of the seat pad, and magnets or metals capable of attracting the magnetic members are formed on the shoulder straps, so that the shoulder straps are capable of being stored on both sides of the seat pad.

[0023] In one embodiment, a closable receiving opening is formed on a back of the seat pad, and a back plate and a seat plate are accommodated in the receiving opening. A strength of the back plate and the seat plate is greater than that of the seat pad to reinforce the backrest part and the seat part of the seat pad respectively.

[0024] In one embodiment, the shoulder strap sheath includes a first protector and a second protector. A first end of the first protector is fixedly connected to the seat pad, a second end of the first protector is a free end, and a side edge of the second protector is connected to a side edge of the first protector.

[0025] In one embodiment, the first protector and the second protector are relatively folded at a connecting side to form a channel through which the shoulder strap passes.

[0026] In one embodiment, a first connecting member is provided on the first protector, and a second connecting member is provided on the second protector. The first connecting member cooperates with the second connecting member to keep the first protector and the second protector in a folded state relative to each other.

[0027] In one embodiment, the first connecting member is detachably connected to the second connecting member.

[0028] In one aspect of the present disclosure, a shoulder strap includes a seat pad and shoulder straps. The seat pad is provided with shoulder strap perforations through which the shoulder straps pass and one or more shielding sheets located at the shoulder strap perforations. The one or more shielding sheets at least partially shield the shoulder strap perforations and divide the shoulder strap perforations into an upper perforation and a lower perforation with different heights. A communication hole is formed between the upper perforation and the lower perforation, and the communication hole is communicated with the upper perforation and the lower perforation. The upper perforation and the lower perforation extend substantially in a transverse direction. An extending direction of the upper perforation is parallel to an extending direction of the lower perforation. The communication hole extends substantially in a height direction. Sliding straps are provided in the shoulder strap perforations. The sliding straps respectively extend along the height direction, and the shoulder straps respectively pass through the shoulder strap perforations and are respectively slidably connected to corresponding sliding straps through a fastener.

[0029] In another aspect, the present disclosure provides a shoulder strap height adjusting mechanism, which includes a seat pad and shoulder straps. The seat pad includes a backrest part and a seat part. The backrest part is provided with shoulder strap perforations through which the shoulder straps pass and shoulder strap sheaths. The shoulder strap perforations extend substantially along a height direction. The shoulder strap sheaths are connected close to upper edges of the shoulder strap perforations and also extend substantially along the height direction. An extending direction of the shoulder strap sheaths is parallel to that of the shoulder strap perforations, and a length of the shoulder strap sheaths is greater than that of the shoulder strap perforations.

[0030] In one embodiment, the shoulder strap sheath includes a first protector and a second protector that are connected to each other. A first end of the first protector is fixedly connected to the backrest part, a second end of the first protector is a free end, and the second protector is connected to the first protector at its side edge. The first protector and the second protector may be relatively folded at the connecting side to form a channel through which the shoulder strap passes.

[0031] In one embodiment, a first connecting member is provided on the first protector, and a second connecting member is provided on the second protector. The first connecting member cooperates with the second connecting member to keep the first protector and the second protector in a folded state relative to each other.

[0032] In one embodiment, the first protector is detachably connected to the second protector.

[0033] In yet another aspect, the present disclosure provides a rocker, which includes the shoulder strap height adjusting mechanism as described above.

[0034] In one embodiment, the rocker includes a frame body, and the frame body includes supporting feet supported on the ground and a connecting part detachably connected to the shoulder strap height adjusting mechanism.

[0035] The shoulder strap height adjusting mechanism of the present disclosure has beneficial technical effects such as simple structure, convenient operation, concise appearance, and low manufacturing cost.

[0036] A seat cloth according to the present disclosure is used for connecting to a seat frame of a carrier. The seat cloth includes a supporting sheet, a covering sheet, a first connecting sheet, a second connecting sheet. The supporting sheet is used for supporting a child riding in the carrier when the seat cloth is connected to the seat frame. The covering sheet is connected to an edge of the supporting sheet along a circumferential direction for covering an upper frame of the seat frame. The first connecting sheet is connected to one side of the covering sheet along a longitudinal direction, and a first insertion space for inserting into one side of the upper frame is formed among the first connecting sheet, the covering sheet and the supporting sheet. The second connecting sheet is connected to the other side of the covering sheet along the longitudinal direction, and a second insertion space for inserting into the other side of the upper frame is formed among the second connecting sheet, the covering sheet and the supporting sheet.

[0037] In one embodiment, the first connecting sheet and the second connecting sheet are spaced apart in the longitudinal direction, and the first connecting sheet and the second connecting sheet are detachably connected.

[0038] In one embodiment, the first connecting sheet includes a first body portion, first extending portions extending from both sides of the first body portion toward the second connecting sheet, and first engaging portions extending from the first extending portions toward the second connecting sheet; the second connecting sheet includes a second body portion, second extending portions extending from the second body portion toward the first connecting sheet, and second engaging portions extending from the second extending portions toward the first connecting sheet; the first engaging portions are detachably connected to the second engaging portions.

[0039] In one embodiment, when the first engaging portions are connected to the second engaging portions, an installation opening is formed among the first engaging portions, the second engaging portions and the covering sheet.

[0040] In one embodiment, the second connecting sheet includes a first wing and a second wing arranged in the transverse direction, and the first wing is detachably connected to the second wing.

[0041] In one embodiment, the supporting sheet includes a first supporting sheet and a second supporting sheet that are connected to each other and spaced apart in a vertical direction.

[0042] In one embodiment, in the vertical direction, the first supporting sheet is located above the second supporting sheet; the first supporting sheet includes a backrest part and a seat part arranged in the longitudinal direction, and two side parts arranged on both sides of the backrest part and the seat part in the transverse direction; the second supporting sheet corresponds to the backrest part and the seat part of the first supporting sheet, and the second supporting sheet is connected to the first supporting sheet at an overall outer edge of the backrest part and the seat part.

[0043] A child carrier according to the present disclosure includes the seat cloth according to the present disclosure and a seat frame.

[0044] In one embodiment, a longitudinal dimension of the first connecting sheet is designed to interfere with the backrest part of the supporting sheet.

[0045] In one embodiment, a longitudinal dimension of the second connecting sheet is designed to interfere with the seat part of the supporting sheet.

[0046] In one embodiment, the seat cloth further includes a first connecting structure for realizing a detachable connection between the first engaging portion and the second engaging portion. The first connecting structure includes a first male buckle and a first female buckle. The first male buckle is disposed on one of the first engaging portion and the second engaging portion, and the first female buckle is disposed on the other of the first engaging portion and the second engaging portion.

[0047] In one embodiment, a second connecting structure for realizing the detachable connection between a first wing and a second wing is included. The second connecting structure includes a third connecting member disposed on one of the first wing and the second wing, and a fourth connecting member disposed on the other of the first wing and the second wing.

[0048] In one embodiment, the supporting sheet includes a backrest part and a seat part arranged along the longitudinal direction, and two side parts arranged on both sides of the backrest part and the seat part along the transverse direction.

[0049] In one embodiment, each of the two side parts is connected to both the backrest part and the seat part, and the inner edge of each of the two side parts is formed as an inwardly recessed arc.

[0050] In one embodiment, an accommodating portion for receiving a supporting plate is formed between the first supporting sheet and the second supporting sheet.

[0051] In one embodiment, the second supporting sheet is provided with a transversely extending blocking portion at a boundary corresponding to the backrest part and the seat part of the first supporting sheet.

[0052] In one embodiment, a plurality of sets of shoulder strap height adjustment holes are arranged along the longitudinal direction on the first supporting sheet through which the shoulder straps pass.

[0053] In one embodiment, the seat frame includes an

upper frame, a connecting seat and a base. An opening is formed at the inner edge of the upper frame, and the supporting sheet is disposed in the opening and forms a pocket-like structure downward.

[0054] In one embodiment, the upper frame includes a first supporting member and a second supporting member arranged opposite to each other along a longitudinal direction, and two middle supporting members arranged opposite to each other along a transverse direction. A longitudinal dimension of the first connecting sheet is greater than or equal to that of the first supporting member, and a longitudinal dimension of the second connecting sheet is greater than or equal to that of the second supporting member of the upper frame.

[0055] In one embodiment, the first connecting sheet includes a first body portion, first extending portions extending from both sides of the first body portion toward the second connecting sheet, and first engaging portions extending from the first extending portions toward the second connecting sheet. The second connecting sheet includes a second body portion, second extending portions extending from the second body portion toward the first connecting sheet, and second engaging portions extending from the second extending portions toward the first connecting sheet. The first engaging portions are detachably connected to the second engaging portions.

[0056] In one embodiment, transverse dimensions of the first extending portion and the second extending portion are greater than or equal to a transverse dimension of the middle supporting member.

[0057] In one embodiment, the supporting sheet includes a first supporting sheet and a second supporting sheet that are connected to each other and spaced apart in the vertical direction.

[0058] In one embodiment, the child carrier includes shoulder straps. A plurality of sets of shoulder strap adjustment holes are arranged along the longitudinal direction on the first supporting sheet, and the shoulder straps pass through one set of the shoulder strap adjustment holes to be fixed between the first supporting sheet and the second supporting sheet.

[0059] In one embodiment, the child carrier includes a supporting plate, and an accommodating portion for inserting the supporting plate therein is formed between the first supporting sheet and the second supporting sheet.

BRIEF DESCRIPTION OF THE DRAWINGS

[0060] Various objectives, features and advantages of the present disclosure will become more apparent upon consideration of the following detailed description of the preferred embodiments of the present disclosure in conjunction with the accompanying drawings. The accompanying drawings are merely exemplary illustrations of the present disclosure and are not necessarily drawn to scale. In the accompanying drawings, the same refer-

ence numerals always denote the same or similar components, in which,

FIG. 1 is a schematic front view of a shoulder strap height adjusting mechanism according to a first embodiment of the present disclosure, wherein a shoulder strap is located at a lower perforation; FIG. 2 is a schematic front view of the shoulder strap height adjusting mechanism according to the first embodiment of the present disclosure, wherein a shoulder strap is located at an upper perforation; FIG. 3A is a schematic partial view of the shoulder strap height adjusting mechanism according to the first embodiment of the present disclosure, wherein a shielding sheet is opened; FIG. 3B is a schematic side cross-sectional view of the shoulder strap height adjusting mechanism according to the first embodiment of the present disclosure, wherein the shielding sheet is opened; FIG. 4 is another schematic partial view of the shoulder strap height adjusting mechanism according to the first embodiment of the present disclosure, wherein the shielding sheet is opened; FIG. 5 is a schematic rear view of the shoulder strap height adjusting mechanism according to the first embodiment of the present disclosure; FIG. 6 is a schematic front view of a shoulder strap height adjusting mechanism according to a second embodiment of the present disclosure, wherein a shoulder strap is located at a lower perforation; FIG. 7 is a schematic front view of the shoulder strap height adjusting mechanism according to the second embodiment of the present disclosure, wherein a shoulder strap is located at an upper perforation; FIG. 8 is a schematic partial view of the shoulder strap height adjusting mechanism according to the second embodiment of the present disclosure, wherein a shielding sheet is opened; FIG. 9 is another schematic partial view of the shoulder strap height adjusting mechanism according to the second embodiment of the present disclosure, wherein the shielding sheet is opened; FIG. 10 is a schematic front view of a shoulder strap height adjusting mechanism according to a third embodiment of the present disclosure, wherein a shoulder strap is located at a lower perforation; FIG. 11 is a schematic front view of the shoulder strap height adjusting mechanism according to the third embodiment of the present disclosure, wherein a shoulder strap is located at an upper perforation; FIG. 12 is a schematic rear view of the shoulder strap height adjusting mechanism according to the third embodiment of the present disclosure; FIG. 13 is a schematic front view of a shoulder strap height adjusting mechanism according to a fourth embodiment of the present disclosure; FIG. 14 is a schematic partial view of the shoulder strap height adjusting mechanism according to the

fourth embodiment of the present disclosure;		1112 lower perforation
FIG. 15 is a schematic front view of a shoulder strap height adjusting mechanism according to a fifth embodiment of the present disclosure;		1113 communication hole
FIG. 16 is a schematic partial view of the shoulder strap height adjusting mechanism according to the fifth embodiment of the present disclosure, wherein a shoulder strap sheath is opened;	5	1120 shielding sheet
FIG. 17 is another schematic partial view of the shoulder strap height adjusting mechanism according to the fifth embodiment of the present disclosure, wherein a waist strap sheath is opened;	10	1121 first fixing member
FIG. 18 is a schematic rear view of the shoulder strap height adjusting mechanism according to the fifth embodiment of the present disclosure;	15	1130 magnetic member
FIG. 19 is a perspective view of a frame body of a rocker according to the present disclosure;		1140 sliding strap
FIG. 20 is a perspective view of a frame of a seat according to the present disclosure;		1150 connecting zipper
FIG. 21 is a bottom view of a seat cloth of the seat according to the present disclosure;	20	1151 first zipper part
FIG. 22 is a top view of the seat according to the present disclosure, wherein the seat cloth has been installed on the seat;		1152 second zipper part
FIGS. 23 and 24 are perspective views of the seat according to the present disclosure from different angles, wherein the seat cloth has been installed on the seat;	25	1160 second fixing member
FIG. 25 is a side cross-sectional view of the seat according to the present disclosure, and FIG. 26 is a partial enlarged view of a boxed portion in FIG. 25;	30	1170 receiving opening
FIG. 27 is a bottom view of the seat according to the present disclosure, wherein the seat cloth is being installed on the seat;		1180 back plate
FIG. 28 is a bottom view of the seat according to the present disclosure, wherein the seat cloth is being installed on the seat;	35	1190 seat plate
FIG. 29 is a bottom perspective view of the seat according to the present disclosure, wherein the seat cloth has been installed on the seat;	40	1020 safety belt assembly
FIG. 30 is a bottom view of the seat according to the present disclosure, showing the supporting plate and the seat cloth.		1210 shoulder strap
[List of the Reference Numerals]	45	1211 adjusting strap
[0061]		1212 fastener
1001 shoulder strap height adjusting mechanism	50	1212a first crossbar
1010 seat pad		1212b second crossbar
1101 backrest part		1212c third crossbar
1102 seat part	55	1213 shoulder strap adjusting end
1103 receiving part		1214 handle sheath
1110 shoulder strap perforation		1220 waist strap
1111 upper perforation		1221 fastener
		1230 crotch strap 1240 central shoulder strap height adjusting mechanism 1250 magnetic buckle assembly
		1251 first fastener
		1252 second fastener
		1260 shoulder strap sheath
		1260a first protector
		1260b first end
		1260c second end
		1260d second protector
		1261 first connecting member
		1262 second connecting member
		1270 waist strap sheath
		1271 fixing member
		1030 frame body
		1310 supporting foot
		1320 connecting part
		2001 seat

2100 seat cloth

2211 first supporting member

2212 second supporting member

2213 middle supporting member

2110 supporting sheet

2110a first supporting sheet

5

2220 opening

2110b second supporting sheet

2110c supporting sheet engaging part

2240 connecting seat

2111 shoulder strap engaging part

2250 base

2112 accommodating part

2113 third connecting part

10

2251 bottom bar

2114 backrest part

2252 crossbar

2115 seat part

2116 side part

2300 accommodating space

2117 first connecting part

2118 second connecting part

15

DETAILED DESCRIPTION

2130 first connecting sheet

2131 first extending portion

2132 first engaging portion

2133 first outer edge

2134 first inner edge

2135 first body portion

20

[0062] In order to more clearly illustrate the overall concept of the present disclosure, a detailed description will be provided below by way of examples in conjunction with the accompanying drawings of the specification.

[0063] It should be noted that numerous specific details are set forth in the following description to facilitate a full understanding of the present disclosure; however, the present disclosure may also be implemented in other ways different from those described herein. Therefore, the protection scope of the present disclosure is not limited by the specific embodiments disclosed below.

2140 second connecting sheet

2141 second extending portion

2142 second engaging portion

2143 second outer edge

2144 second inner edge

2145 second body portion

2146 first wing

2147 second wing

25

[0064] In addition, in the description of the present disclosure, it should be understood that the terms "center", "upper", "lower", "front", "rear", "left", "right", "vertical", "horizontal", "top", "bottom", "inner", "outer", "axial", "radial", "circumferential" and the like indicate orientations or positional relationships based on the orientations or positional relationships shown in the accompanying drawings, which are only for the convenience of describing the present disclosure and simplifying the description, and do not indicate or imply that the referred device or component must have a specific orientation, be constructed and operated in a specific orientation, and thus shall not be construed as limiting the present disclosure.

2150 first connecting structure

2151 first connecting member

2152 second connecting member

35

2160 second connecting structure

2161 third connecting member

2162 fourth connecting member

40

[0065] In the present disclosure, unless otherwise explicitly specified and limited, the terms "installation", "connection", "coupling", "fixation" and the like shall be construed broadly. For example, it may be a fixed connection, a detachable connection, or an integral structure; it may be a direct connection, or an indirect connection through an intermediate medium, or internal communication between two components or an interaction relationship between two components. However, the indication of direct connection means that the two connected main bodies do not form a connection relationship through an intermediate structure, but form an integral body only through a connecting structure. For those of ordinary skill in the art, the specific meanings of the above terms in the present disclosure can be understood according to specific circumstances.

2170 covering sheet

2171 supporting plate

2172 installation opening

2173 first insertion space

2174 second insertion space

2180 shoulder strap

2181 shoulder strap connecting member

2190 crotch strap

2191 buckle

45

2200 seat frame

55

2210 upper frame

[0066] In the present disclosure, unless otherwise explicitly specified and limited, a first feature being "on" or

"under" a second feature may mean that the first and second features are in direct contact, or the first and second features are in indirect contact through an intermediate medium. In the description of this specification, the descriptions referring to the terms "one embodiment", "some embodiments", "example", "specific example", or "some examples" etc., mean that the specific features, structures, materials, or characteristics described in conjunction with the embodiment or example are included in at least one embodiment or example of the present disclosure. In this specification, the schematic representations of the above terms are not necessarily directed to the same embodiment or example. Moreover, the described specific features, structures, materials, or characteristics may be combined in any suitable manner in any one or more embodiments or examples.

[0067] A shoulder strap height adjusting mechanism 1001 of the present disclosure may be used in children's products, such as child rockers, child safety seats, child safety baskets, strollers, and the like. One or more shoulder strap height adjusting mechanisms 1001 may be provided on the children's products.

[0068] A first embodiment of the present disclosure will be described below.

[0069] Referring to FIG. 1, the shoulder strap height adjusting mechanism 1001 may include a seat pad 1010. The seat pad 1010 may be made of a flexible material (e.g., fabric). The seat pad 1010 may contain an elastic material (e.g., sponge) to provide a soft touch. The seat pad 1010 may be provided with shoulder strap perforations 1110 and shielding sheets 1120 located at the shoulder strap perforations 1110. The shielding sheets 1120 may divide the shoulder strap perforations 1110 into upper perforations 1111 and lower perforations 1112 with different heights. In the present disclosure, the "height" may refer to a vertical direction in FIG. 1, or the height relative to the ground when a rocker of the present disclosure is placed on the ground.

[0070] The seat pad 1010 may include a backrest part 1101 and a seat part 1102. The backrest part 1101 is used to support a waist and back of an infant or child. The seat part 1102 is used to support the buttocks and legs of the infant or child. That is, when viewed from a side of the seat pad 1010, the seat pad 1010 may be curved or bent. In other words, when viewed from the side of the seat pad 1010, the backrest part 1101 and the seat part 1102 are arranged at an angle.

[0071] Referring to FIGS. 1 and 3, the shoulder strap perforations 1110 may be quadrilateral holes. For example, the shoulder strap perforations 1110 may be formed in a substantially parallelogram shape. One side of the shielding sheet 1120 is integrally formed with the seat pad 1010. The shielding sheet 1120 covers a part of the shoulder strap perforation 1110 to form an upper perforation 1111, a lower perforation 1112, and a communication hole 1113 between the upper perforation 1111 and the lower perforation 1112. The upper perforation 1111, the lower perforation 1112, and the communication hole 1113

are all in the form of gaps. That is, the shielding sheet 1120 covers most of the area of the shoulder strap perforation 1110, and only the upper perforation 1111, the lower perforation 1112, and the communication hole 1113 in the form of gaps remain uncovered by the shielding sheet 1120. The communication hole 1113 may facilitate switching the shoulder strap between the upper perforation 1111 and the lower perforation 1112.

[0072] FIG. 1 shows the natural state of the shielding sheet 1120. In addition, the shielding sheet 1120 may be bent (as shown in FIG. 3) to expose the complete shoulder strap perforation 1110. The shielding sheet 1120 may be integrally formed on the seat pad 1010. In other embodiments, the shielding sheet 1120 may be formed separately and attached to the seat pad 1010.

[0073] The upper perforation 1111, the lower perforation 1112, and the communication hole 1113 may all be straight, but the present disclosure is not limited thereto.

[0074] An extending direction of the upper perforation 1111 may be parallel to that of the lower perforation 1112. In one example, the upper perforation 1111 and the lower perforation 1112 extend substantially in a transverse direction. More specifically, the extending directions of the upper perforation 1111 and the lower perforation 1112 are slightly inclined relative to the transverse direction. The "slight inclination" referred to herein means that the inclination angle relative to the transverse direction does not exceed 20 degrees, and the "transverse direction" referred to herein means a left-right direction in the figure. The extending direction of the communication hole 1113 may intersect with the extending directions of the upper perforation 1111 and the lower perforation 1112. In one example, the extending direction of the communication hole 1113 is substantially parallel to a height direction, and the "height direction" referred to herein means an up-down direction in the figure.

[0075] The upper perforation 1111, the lower perforation 1112, and the communication hole 1113 may collectively form a shape similar to a letter "C". In other words, the communication hole 1113 may be connected to one end of the upper perforation 1111 and one end of the lower perforation 1112. Preferably, the communication hole 1113 may be connected to the ends of the upper perforation 1111 and the lower perforation 1112 that are close to an outer side (close to an edge of the seat pad 1010), which may reduce the possibility that the communication hole 1113 is blocked by an infant or child sitting on the rocker.

[0076] As shown in FIG. 1, an inner side of the upper perforation 1111 may be slightly higher than an outer side, and an inner side of the lower perforation 1112 may be slightly higher than an outer side, but the present disclosure is not limited thereto. Such an arrangement may enable the shoulder strap 1210 (to be described in detail below) passing through the upper perforation 1111 or the lower perforation 1112 to match a contour of the shoulders of an infant or child, improving the comfort of the shoulder strap 1210.

[0077] The shoulder strap height adjusting mechanism 1001 may further include a safety belt assembly 1020. The safety belt assembly 1020 may be connected to the seat pad 1010 to safely restrain an infant or child on the seat pad 1010. The safety belt assembly 1020 may include shoulder straps 1210, a waist strap 1220, a crotch strap 1230, and a central buckle 1240. The shoulder straps 1210 are used to restrain the shoulders of the infant or child. The waist strap 1220 is used to restrain the waist of the infant or child. The crotch strap 1230 is used to restrain the crotch of the infant or child. One end of the crotch strap 1230 may be connected to the seat pad 1010. Specifically, one end of the crotch strap 1230 may be sewn to the seat pad 1010. The central buckle 1240 may be fixed at the other end (free end) of the crotch strap 1230. Both the shoulder straps 1210 and the waist strap 1220 are detachably connected to the central buckle 1240.

[0078] Referring to FIG. 1, the seat pad 1010 may have two side-by-side shoulder strap perforations 1110. The two shoulder strap perforations 1110 may have the same height. A shielding sheet 1120 may be provided at each shoulder strap perforation 1110. The sides of the two shielding sheets 1120 close to each other may be integrally formed with the seat pad 1010. That is, the two shoulder strap perforations 1110 and the two shielding sheets 1120 may be formed on the backrest part 1101 of the seat pad 1010 in an axisymmetric manner. The safety belt assembly 1020 may include two shoulder straps 1210, two waist straps 1220, one crotch strap 1230, and one central buckle 1240. The two shoulder straps 1210 may pass through the two shoulder strap perforations 1110 respectively. It should be understood that the number of the components above is only an example and does not limit the protection scope of the present disclosure.

[0079] Referring to FIGS. 1 and 2, the shoulder strap 1210 may pass through the shoulder strap perforation 1110 via the upper perforation 1111, or the shoulder strap 1210 may pass through the shoulder strap perforation 1110 via the lower perforation 1112. The shoulder strap 1210 may be switched between the upper perforation 1111 and the lower perforation 1112 through the communication hole 1113. Since the shoulder strap 1210 may optionally pass through one of the upper perforation 1111 and the lower perforation 1112, the height of the shoulder strap 1210 may be adjusted to adapt to the shoulder height of an infant or child. Magnetic members 1130 may be provided at the edges of both sides of the seat pad 1010 (the magnetic members 1130 in FIGS. 1 and 2 are shown in dashed lines, indicating that the magnetic members 1130 are disposed inside the seat pad 1010 and not visible on the surface). Magnets or metals capable of attracting the magnetic members 1130 may be formed on the shoulder strap 1210, so that the shoulder strap 1210 may be attached to the edges of both sides of the seat pad 1010 when not in use to achieve storage of the shoulder strap 1210.

[0080] In other embodiments, the shoulder strap perforation 1110 and the shielding sheet 1120 may also form perforations of other heights in addition to the upper perforation 1111 and the lower perforation 1112, thereby providing more height options for the shoulder strap.

[0081] Referring to FIGS. 3A, 3B, and 4, a sliding strap 1140 may be disposed in the shoulder strap perforation 1110. The sliding strap 1140 may extend along the height direction. The shoulder strap 1210 may be slidably connected to the sliding strap 1140 through a fastener 1212. Specifically, the fastener 1212 may include a first crossbar 1212a, a second crossbar 1212b, and a third crossbar 1212c. The second crossbar 1212b is connected to the sliding strap 1140. In other words, the sliding strap 1140 passes a space between the first crossbar 1212a and the second crossbar 1212b in one direction, and passes a space between the second crossbar 1212b and the third crossbar 1212c in a direction opposite to the aforementioned one direction. The first crossbar 1212a is connected to the adjusting strap 1211. The third crossbar 1212c is connected to the shoulder strap 1210. The adjusting strap 1211 may be pulled to drive the fastener 1212 to slide along the sliding strap 1140, thereby driving the shoulder strap 1210 to move up and down, and thus adjusting the length of the shoulder strap 1210 exposed from the shoulder strap adjustment hole 1110. When the shoulder strap 1210 is located at the lower perforation 1112, the fastener 1212 may be located within the shoulder strap perforation 1110. The shielding sheet 1120 may block the fastener 1212 to prevent the fastener 1212 from contacting the infant or child and causing discomfort.

[0082] Referring to FIG. 5, the adjusting strap 1211 is integrally formed as a handle convenient for manual operation. That is, the two ends of the adjusting strap 1211 are respectively connected to the fastener 1212, and the part between the two ends of the adjusting strap 1211 may extend from the rear side of the seat pad 1010 to form a handle. The "rear side of the seat pad 1010" refers to the side of the seat pad 1010 away from where the infant or child sits. By pulling the adjusting strap 1211, the fastener 1212 may slide upward along the sliding strap 1140, thereby adjusting the height of the shoulder strap. A back plate 1180 and a seat plate 1190 may be disposed in a back area of the seat pad 1010, as schematically shown in FIG. 18. The back plate 1180 may support the waist and back of the infant or child. The seat plate 1190 may support the buttocks and legs of the infant or child. The hardness or strength of the back plate 1180 and the seat plate 1190 is greater than that of the seat pad 1010, so that great supporting force can be provided. The back plate 1180 and the seat plate 1190 may be formed of PE. In other embodiments, the seat pad 1010 may have only the back plate 1180 or the seat plate 1190. A receiving part 1103 may be formed at an outer edge of the back of the seat pad 1010 (as shown in FIG. 5). The receiving part 1103 may be formed along the entire outer edge of the seat pad 1010 or a part of the outer edge. The

receiving part 1103 may receive the connecting part 1320 of the frame body 1030 (to be described in detail below). The receiving part 1103 may be closed by a connecting zipper 1150. The connecting zipper 1150 may include a first zipper part 1151 and a second zipper part 1152. The first zipper part 1151 and the second zipper part 1152 may be formed at the edge of the receiving part 1103 and the back of the seat pad 1010, respectively. In other embodiments, the receiving part 1103 may be closed by other means, such as hook-and-loop fasteners, snap fasteners, and the like. The two ends of the sliding strap 1140 may be respectively fixed (e.g., sewn) to the back plate 1180. In other embodiments, the two ends of the sliding strap 1140 may be respectively fixed to the back of the seat pad 1010.

[0083] A second embodiment of the present disclosure will be described below.

[0084] Referring to FIGS. 6 and 7, main difference between the second embodiment and the first embodiment lies in the shielding sheet 1120. The seat pad 1010 may include one shielding sheet 1120. The shielding sheet 1120 may be formed separately and fixed on the seat pad 1010, but the present disclosure is not limited thereto. The shielding sheet 1120 has a quadrilateral shape, such as a rectangle or a trapezoid. The seat pad 1010 may include two shoulder strap perforations 1110. The left and right sides of the shielding sheet 1120 may respectively cover most of one shoulder strap perforation 1110, and form an upper perforation 1111 and a lower perforation 1112 with each shoulder strap perforation 1110. That is, in the second embodiment, no communication hole 1113 is formed between the shoulder strap perforation 1110 and the shielding sheet 1120, and the upper perforation 1111 and the lower perforation 1112 are not communicated with each other.

[0085] Referring to FIGS. 8 and 9, the two sides of the shielding sheet 1120 may be bent so that the shoulder strap perforations 1110 may not be shielded. The left and right ends of the shielding sheet 1120 may respectively extend to outside the two shoulder strap perforations 1110. The "left and right ends of the shielding sheet 1120" refer to the ends along the left-right direction (also referred to as the transverse direction) in FIG. 8 or FIG. 9. The shielding sheet 1120 may be provided with a first fixing member 1121, and the seat pad 1010 may be provided with a second fixing member 1160 capable of being connected to and separated from the first fixing member 1121 (the second fixing member 1160 in FIGS. 8 and 9 is shown in dashed lines, indicating that the second fixing member 1160 is disposed inside the seat pad 1010 and not visible on the surface). Specifically, the left and right ends of the shielding sheet 1120 may be provided with the first fixing members 1121. Two second fixing members 1160 may be provided at corresponding positions on the seat pad 1010. The first fixing member 1121 may cooperate with the second fixing member 1160 to connect the left and right ends of the shielding sheet 1120 to the seat pad 1010, so that the shielding sheet 1120

covers most of the shoulder strap holes 1110. The first fixing member 1121 and the second fixing member 1160 may be magnetic members attracted with each other, but the present disclosure is not limited thereto. In another embodiment, the first fixing member 1121 and the second fixing member 1160 may be snap fasteners that cooperate with each other.

[0086] For other contents of the second embodiment, reference may be made to the first embodiment, which will not be repeated here.

[0087] A third embodiment of the present disclosure will be described below.

[0088] Referring to FIGS. 10 and 11, main differences between the third embodiment and the first embodiment lie in the shielding sheet 1120 and the shoulder strap perforations 1110. A shielding sheet 1120 may be formed on each of the left and right sides of each shoulder strap perforation 1110. The two shielding sheets 1120 divide one shoulder strap perforation 1110 into an upper perforation 1111, a lower perforation 1112 with different heights, and a communication hole 1113 between the upper perforation 1111 and the lower perforation 1112. The communication hole 1113 may connect a middle part of the upper perforation 1111 and the lower perforation 1112.

[0089] Referring to FIG. 12, one end of the adjusting strap 1211 is connected to the fastener 1212 (referring to the first embodiment), and the other end of the adjusting strap 1211 may form a free end (shoulder strap adjusting end 1213). That is, the two adjusting straps 1211 respectively connected to the two fasteners 1212 extend from the rear side of the seat pad 1010 to form two handles. The two adjusting straps 1211 may be pulled separately to drive the fasteners 1212 to slide on the sliding straps 1140, thereby adjusting the height of the corresponding one shoulder strap 1210.

[0090] For other contents of the third embodiment, reference may be made to the first embodiment, which will not be repeated here.

[0091] A fourth embodiment of the present disclosure will be described below.

[0092] Referring to FIGS. 13 and 14, main difference between the fourth embodiment and the first embodiment lies in the safety belt assembly 1020. The safety belt assembly 1020 may have two waist straps 1220, one crotch strap 1230, and two magnetic buckle assemblies 1250. That is, the safety belt assembly 1020 in the fourth embodiment may not have the central buckle 1240 and the shoulder straps 1210. Correspondingly, the seat pad 1010 in the fourth embodiment may not have the shoulder strap perforations 1110, the shielding sheets 1120, and the sliding straps 1140. The two waist straps 1220 may be connected to the left and right sides of one crotch strap 1230 by means of two magnetic buckle assemblies 1250. The magnetic buckle assembly 1250 may include a first fastener 1251 and a second fastener 1252. The first fastener 1251 and the second fastener 1252 may be

fixed on the waist strap 1220 and the crotch strap 1230, respectively. The first fastener 1251 and the second fastener 1252 may be operated to be connected to or separated from each other. The first fastener 1251 and the second fastener 1252 may be magnetic and attracted with each other magnetically, but the present disclosure is not limited thereto.

[0093] For other contents of the fourth embodiment, reference may be made to the first embodiment, which will not be repeated here.

[0094] A fifth embodiment of the present disclosure will be described below.

[0095] Referring to FIGS. 15 to 17, no shielding sheet is provided in this embodiment. A shoulder strap sheath 1260 may be sleeved on the shoulder strap 1210, and a waist strap sheath 1270 may optionally be sleeved on the waist strap 1220. The shoulder strap sheath 1260 and the waist strap sheath 1270 may be made of fabric, thereby avoiding uncomfortable feelings caused by the direct contact of the shoulder strap 1210 and the waist strap 1220 with infants or children, and improving the comfort of use. One end of the shoulder strap sheath 1260 may be fixed (e.g., sewn) to the seat pad 1010 to prevent undesired sliding of the shoulder strap sheath 1260 on the shoulder strap 1210, but the present disclosure is not limited thereto. The shoulder strap sheath 1260 extends substantially along the height direction, roughly parallel to the extending direction of the shoulder strap perforation 1110, and the length of the shoulder strap sheath 1260 is greater than that of the shoulder strap perforation 1110, so that it can cover the shoulder strap perforation 1110. Thus, the shoulder strap sheath 1260 can shield the shoulder strap perforation 1110 to improve the aesthetic appearance of the product. Specifically, one end of the shoulder strap sheath 1260 may be sewn and fixed close to the upper edge of the shoulder strap perforation 1110, and the other end of the shoulder strap sheath 1260 may be a free end, so that the shoulder strap 1210 can adapt to the contour of the occupant's shoulders. The shoulder strap sheath 1260 protrudes from the surface of the backrest part 1101 of the seat pad 1010.

[0096] In this embodiment, a fastener 1212, a sliding strap 1140, and an adjusting strap 1211 are also provided. The shoulder strap 1210 may movably pass through the shoulder strap sheath 1260 to be connected to the fastener 1212. The adjusting strap 1211 may be pulled to drive the fastener 1212 to slide on the sliding strap 1140, thereby driving the shoulder strap 1210 to move relative to the shoulder strap sheath 1260 to adjust the exposed length of the shoulder strap 1210.

[0097] More specifically, the shoulder strap sheath 1260 includes a first protector 1260a and a second protector 1260d. A first end 1260b of the first protector 1260a is fixedly connected to the seat pad 1010, a second end 1260c of the first protector 1260a is a free end, and the second protector 1260d is connected to a side edge of the first protector 1260a at its side edge. The first protector 1260a and the second protector 1260d may

be relatively folded at the connecting side to form a channel through which the shoulder strap 1210 passes. Specifically, a first connecting member 1261 is provided on the first protector 1260a, and a second connecting member 1262 is provided on the second protector 1260d. The first connecting member 1261 cooperates with the second connecting member 1262 to keep the first protector 1260a and the second protector 1260d in a relatively folded state. Preferably, the first connecting member 1261 is detachably connected to the second connecting member 1262. When the first connecting member 1261 is not connected to the second connecting member 1262, the shoulder strap 1210 may be removed from the shoulder strap sheath 1260.

[0098] One end of the waist strap sheath 1270 may be fixed (e.g., sewn) to the seat pad 1010 to prevent undesired sliding of the waist strap sheath 1270 on the waist strap 1220, but the present disclosure is not limited thereto. One end of the crotch strap 1230 may be fixed (e.g., sewn) to the seat pad 1010, but the present disclosure is not limited thereto. The central buckle 1240 may be fixed on the crotch strap 1230.

[0099] Similarly, a fixing member 1271 may be provided on the waist strap sheath 1270. The waist strap sheath 1270 may be opened or closed by means of the fixing member 1271. When the waist strap sheath 1270 is opened, the waist strap 1220 may be detached from the waist strap sheath 1270. The fixing member 1271 may be, for example, a snap fastener, but the present disclosure is not limited thereto.

[0100] Referring to FIG. 18, a handle sheath 1214 may be sleeved on the adjusting strap 1211. The handle sheath 1214 may be made of a flexible material (e.g., leather) to provide a good tactile feel when operating the adjusting strap 1211. A closable receiving opening 1170 may be formed on the back of the seat pad 1010. A back plate 1180 and a seat plate 1190 may be accommodated in the receiving opening 1170. The receiving opening 1170 may be operated to open or close (e.g., by means of a zipper). When the receiving opening 1170 is opened, the back plate 1180 and the seat plate 1190 may be taken out.

[0101] Referring to FIG. 19, the shoulder strap height adjusting mechanism 1001 of the present disclosure may be used in a rocker. The rocker may further include a frame body 1030. The frame body 1030 may include supporting feet 1310 supported on the ground and a connecting part 1320 detachably connected to the shoulder strap height adjusting mechanism 1001. The frame body 1030 may include two supporting feet 1310, but the present disclosure is not limited thereto. The connecting part 1320 may have an annular shape corresponding to the shape of the outer contour of the seat pad 1010. The connecting part 1320 may be received into the receiving part 1103 and fixed within the receiving part 1103. The connecting part 1320 may be a chamfered rectangle or an ellipse, but the present disclosure is not limited thereto. When the supporting feet 1310 are sup-

ported on the ground, the connecting part 1320 may be inclined at a certain angle relative to the ground, thereby making the sitting posture of infants or children more comfortable.

[0102] Other embodiments of the present disclosure will be readily conceived by those skilled in the art after considering the specification and practicing the invention disclosed herein. The present disclosure is intended to cover any modifications, uses, or adaptations of the present disclosure that follow the general principles of the present disclosure and include common general knowledge or conventional technical means in the technical field not disclosed in the present disclosure. The specification and examples are to be regarded as exemplary only, and the true scope and spirit of the present disclosure are indicated by the claims of the present disclosure.

[0103] The seat frame 2200 of the seat 2001 according to the present disclosure will be described with reference to FIG. 20. In this embodiment, the seat 2001 is, for example, a child rocker, and the seat frame 2200 includes an upper frame 2210, a connecting seat 2240, and a base 2250. The upper frame 2210 is an annular frame extending substantially in the same plane. In this embodiment, the upper frame 2210 is formed in a substantially rectangular shape, and includes a first supporting member 2211 and a second supporting member 2212 extending in a transverse direction and opposite to each other, and two middle supporting members 2213 extending in a longitudinal direction and connected between the first supporting member 2211 and the second supporting member 2212. It should be understood that the first supporting member 2211, the second supporting member 2212, and the middle supporting member 2213 are only named for different parts of the upper frame 2210 for ease of understanding. In fact, the upper frame 2210 may be formed as an integral single component, and the upper frame 2210 may have different shapes, such as circular, elliptical, or other polygonal shapes. The middle part of the upper frame 2210 is empty and forms an opening 2220. After the seat cloth 2100 is wrapped around the upper frame 2210, a seating surface for the child to sit on is formed, which will be described in detail later. The "longitudinal direction" herein refers to a front-back extending direction of the seat cloth, the "transverse direction" refers to a left-right direction of the seat cloth, and the "vertical direction" refers to a height direction (or up-down direction) corresponding to the seat 2001 in a normal use state.

[0104] The base 2250 includes two bottom bars 2251 and a crossbar 2252 connected between the bottom bars 2251. The two bottom bars 2251 are arranged on both transverse sides of the seat frame 2200, extend in the longitudinal direction respectively and are bent at least at the ends, and the two crossbars 2252 are distributed front and rear in the longitudinal direction, so that the bottom bars 2251 and the crossbars 2252 form a frame-shaped structure. Therefore, the base 2250 contacts the ground through the arc-shaped bottom surface of the bottom bar

2251, enabling the seat frame 2200 to rock back and forth. In other embodiments, the bottom bar 2251 may be straight, so the base 2250 may be a straight and non-rockable frame-shaped structure; or the base 2250 includes a plurality of legs supported on the ground.

[0105] The connecting seat 2240 is connected between the upper frame 2210 and the base 2250. In this embodiment, two vertically extending connecting seats 2240 are connected at an approximately longitudinal middle portion of the upper frame 2210, for example, the position of the connecting seat 2240 corresponds to a center of gravity of the upper frame 2210. In this embodiment, the connecting seat 2240 has a rectangular cross-section, and its longitudinal dimension is greater than its transverse dimension.

[0106] The seat cloth 2100 according to the present disclosure will be described with reference to FIGS. 21 and 22. The seat cloth 2100 includes a supporting sheet 2110 and a connecting sheet extending circumferentially from the supporting sheet 2110, both of which are made of flexible materials, such as textile materials. The supporting sheet 2110 and the connecting sheet are overlapped vertically. When the seat cloth 2100 is wrapped around the seat frame 2200, the supporting sheet 2110 is located in the opening 2220 of the upper frame 2210 and extends downward, thereby forming a carrying space 2300 for carrying infants and young children. An outer edge of the supporting sheet 2110 corresponds to an inner edge of the upper frame 2210. The connecting sheet extends outward from a circumference of the supporting sheet 2110 to cover the upper frame 2210, and is folded inward after covering the upper frame 2210 to firmly connect the seat cloth 2100 to the seat frame 2200.

[0107] In this embodiment, the supporting sheet 2110 is a single piece of material and forms a sunken pocket-like structure within the opening 2220 of the upper frame 2210. The supporting sheet 2110 includes a backrest part 2114, a seat part 2115, and two side parts 2116. The backrest part 2114 and the seat part 2115 are arranged at an angle along the longitudinal direction, and the two side parts 2116 are obliquely arranged along the longitudinal direction and connected to both the backrest part 2114 and the seat part 2115. The inner edges of the two side parts 2116 are both formed as inwardly recessed arcs. The two side parts 2116 are connected to the backrest part 2114 and the seat part 2115 through two first connecting parts 2117, and the first connecting parts 2117 define edge shapes of the backrest part 2114, the seat part 2115, and the two side parts 2116. In this embodiment, the first connecting part 2117 is a connecting line and presents an inwardly recessed curve shape, thereby dividing the supporting sheet 2110 into a backrest part 2114, a seat part 2115, and two side parts 2116 with curve edges, thereby making the formed carrying space 2300 more ergonomic.

[0108] As shown in FIGS. 21 and 22, the connecting sheet includes a first connecting sheet 2130, a second connecting sheet 2140, and a covering sheet 2170. The

covering sheet 2170 is connected to the outer edge of the supporting sheet 2110 along the circumferential direction of the supporting sheet 2110, and is connected to the supporting sheet 2110 through a second connecting portion 2118. A position of the second connecting portion 2118 corresponds to an inner upper edge of the upper frame 2210 and an outer edge of the supporting sheet 2110. The covering sheet 2170 covers the upper surface of the upper frame 2210, and is connected to the first connecting sheet 2130 and the second connecting sheet 2140 through a third connecting portion 2113. A position of the third connecting portion 2113 corresponds to an outer lower edge of the upper frame 2210.

[0109] The first connecting sheet 2130 and the second connecting sheet 2140 may be connected to the front and rear sides of the covering sheet 2170 along the longitudinal direction. The first connecting sheet 2130 includes a first body portion 2135, first extending portions 2131 extending from both sides of the first body portion toward the second connecting sheet 2140, and first engaging portions 2132 extending from the first extending portions 2131 toward the second connecting sheet 2140. The transverse dimension of the first body portion 2135 is larger than that of the first extending portion 2131, and the transverse dimension of the first extending portion 2131 is larger than that of the first engaging portion 2132. The second connecting sheet 2140 includes a second body portion 2145, second extending portions 2141 extending from both sides of the second body portion 2145 toward the first connecting sheet 2130, and second engaging portions 2142 extending from the second extending portions 2141 toward the first connecting sheet 2130. The transverse dimension of the second body portion 2145 is larger than that of the second extending portion 2141, and the transverse dimension of the second extending portion 2141 is larger than that of the second engaging portion 2142. The first outer edge 2133 of the first connecting sheet 2130 and the second outer edge 2143 of the second connecting sheet 2140 are respectively connected to the covering sheet 2170 through the third connecting portion 2113. In this embodiment, the first connecting sheet 2130 and the second connecting sheet 2140 are respectively non-separably connected to the covering sheet 2170, for example, by sewing. Certainly, in other embodiments, the first connecting sheet 2130 and the second connecting sheet 2140 may also be detachably connected to the covering sheet 2170. A first insertion space 2173 for inserting one side of the upper frame 2210 is formed among the first connecting sheet 2130, the covering sheet 2170, and the supporting sheet 2110. The first supporting member 2211 of the upper frame 2210 may be inserted and accommodated therein. A second insertion space 2174 for inserting the other side of the upper frame 2210 is formed among the second connecting sheet 2140, the covering sheet 2170, and the supporting sheet 2110. The second supporting member 2212 of the upper frame 2210 may be inserted and accommodated therein.

[0110] The first connecting sheet 2130 is located at one longitudinal end of the seat cloth 2100, and extends toward the second connecting sheet 2140 to form a first body portion 2135. The second connecting sheet 2140 is located at the other longitudinal end of the seat cloth 2100, and extends toward the first connecting sheet 2130 to form a second body portion 2145. More specifically, the rear side (i.e., the upper side in FIG. 21) and the transverse sides of the first body portion 2135 respectively extend to the first outer edge 2133 of the first connecting sheet 2130, and are connected to the supporting sheet 2110 through the third connecting portion 2113. The front side (i.e., the lower side in FIG. 21) of the first body portion 2135 extends to the first inner edge 2134 of the first connecting sheet 2130, and is connected to the first extending portions 2131 at the transverse sides respectively. The front side and the transverse sides of the second body portion 2145 respectively extend to the second outer edge 2143 of the second connecting sheet 2140, and are connected to the supporting sheet 2110 through the third connecting portion 2113. The rear side of the second body portion 2145 extends to the second inner edge 2144 of the second connecting sheet 2140, and is connected to the second extending portions 2141 at the transverse sides respectively.

[0111] The two first extending portions 2131 respectively extend from the transverse sides of the first body portion 2135 toward the second connecting sheet 2140, and the two sides of the first extending portion 2131 respectively extend to the first outer edge 2133 to be connected to the supporting sheet 2110. The two second extending portions 2141 respectively extend from the two sides of the second body portion 2145 toward the first connecting sheet 2130, and the two sides of the second extending portion 2141 respectively extend to the second outer edge 2143 to be connected to the supporting sheet 2110. The two first engaging portions 2132 respectively extend from the two first extending portions 2131 toward the second connecting sheet 2140, and the two second engaging portions 2142 respectively extend from the two second extending portions 2141 toward the first connecting sheet 2130. Each first extending portion 2131 and the corresponding second extending portion 2141 are spaced apart in the longitudinal direction, and each first engaging portion 2132 and the corresponding second engaging portion 2142 form an installation opening 2172 through which the connecting seat 2240 passes, which will be described in detail later. Optionally, the transverse width of the first extending portion 2131 and the second extending portion 2141 is not less than the size of the pipe fitting of the upper frame 2210, so that the first extending portion 2131 and the second extending portion 2141 can at least cover the lower surface of the upper frame 2210.

[0112] With reference to FIGS. 25 and 26, in this embodiment, the longitudinal dimension of the first connecting sheet 2130 is optionally designed to interfere with the backrest part 2114 of the supporting sheet 2110, and the longitudinal dimension of the second connecting sheet

2140 is designed to interfere with the seat part 2115 of the supporting sheet 2110. That is, the longitudinal dimension of the first connecting sheet 2130 is sufficiently long to abut against the lower part of the backrest part 2114 and provide partial support thereto; similarly, the longitudinal dimension of the second connecting sheet 2140 is also sufficiently long to abut against the lower part of the seat part 2115 and provide partial support thereto. In other words, the backrest part 2114 abuts above the first inner edge 2134 of the first connecting sheet 2130 near its rear end, and the seat part 2115 abuts above the second inner edge 2144 of the second connecting sheet 2140 near its front end. Thus, the first connecting sheet 2130 and the second connecting sheet 2140 respectively provide partial support to the supporting sheet 2110 at the rear and front ends in the longitudinal direction, preventing its pocket-like structure from sagging excessively. In other embodiments, the longitudinal dimension of the first connecting sheet 2130 may be independently designed to interfere with the backrest part 2114 of the supporting sheet 2110. Alternatively, the longitudinal dimension of the second connecting sheet 2140 may be independently designed to interfere with the seat part 2115 of the supporting sheet 2110, which is not limited thereto.

[0113] Continuing to refer to FIG. 21, the first connecting structure 2150 is disposed on the first engaging portion 2132 and the second engaging portion 2142, and includes a first connecting member 2151 and a second connecting member 2152. Specifically, the first connecting member 2151 is disposed on one of the first engaging portion 2132 and the second engaging portion 2142, and the second connecting member 2152 is disposed on the other of the first extending portion 2131 and the second extending portion 2141. By connecting the first connecting member 2151 to the second connecting member 2152, the first engaging portion 2132 and the second engaging portion 2142 are connected to each other, so that the first connecting sheet 2130 and the second connecting sheet 2140 are connected to each other to form a ring covering the lower part of the upper frame 2210, and the first body portion 2135 and the second body portion 2145 are respectively located below the first supporting member 2211 and the second supporting member 2212. In other embodiments, the first connecting structure 2150 may have different forms, such as hook-and-loop fasteners, rope loops, etc., as long as it can connect the first engaging portion 2132 and the second engaging portion 2142.

[0114] It should be understood that both the supporting sheet 2110 and the connecting sheet of the seat cloth 2100 are made of flexible materials, and the above shape description is based on the state where the seat cloth 2100 is wrapped around the upper frame 2210 during normal use. In other states, the supporting sheet 2110 and the connecting sheet may be folded or flipped to have different shapes.

[0115] As shown in FIG. 25, when the seat cloth 2100 is sleeved on the upper frame 2210, the lower outer edge of

the upper frame 2210 corresponds to the position of the third connecting portion 2113, while the first connecting structure 2150 and the second connecting structure 2160 are respectively far away from the upper frame 2210. This prevents the hard upper frame 2210 from hindering the connection operation of the first connecting structure 2150 and the second connecting structure 2160, thereby providing operational convenience. Moreover, since the first connecting structure 2150 and the second connecting structure 2160 are far away from the contact position between the upper frame 2210 and the seat cloth 2100, an interaction force between the upper frame 2210 and the seat cloth 2100 is prevented from being transmitted to the first connecting structure 2150 and the second connecting structure 2160 to cause them to open accidentally, thus improving safety performance.

[0116] In this embodiment, the longitudinal dimensions of the first body portion 2135 and the second body portion 2145 may be larger than the longitudinal dimensions of the first supporting member 2211 and the second supporting member 2212 (i.e., the widths of the first supporting member 2211 and the second supporting member 2212), for example, several times the longitudinal dimensions of the first supporting member 2211 and the second supporting member 2212, so that the seat cloth 2100 is stably wrapped around the upper frame 2210 and is not easy to slide or fall off. The transverse dimensions of the first extending portion 2131 and the second extending portion 2141 may be equal to or slightly larger than the transverse dimension of the middle supporting member 2213, to facilitate wrapping the seat cloth 2100 around the upper frame 2210. In other embodiments (not shown), the longitudinal dimensions of the first body portion 2135 and the second body portion 2145 may be equal to or slightly larger than the widths of the first supporting member 2211 and the second supporting member 2212.

[0117] As shown in FIG. 21, in this embodiment, the second connecting sheet 2140 is optionally not a continuously extending structure in the transverse direction. Specifically, the second connecting sheet 2140 is disconnected along the longitudinal direction at approximately the middle position in the transverse direction and forms a first wing 2146 and a second wing 2147. By connecting the first wing 2146 and the second wing 2147 through the second connecting structure 2160, the second connecting sheet 2140 may form a continuous structure. The first wing 2146 extends from the inner edge of the second connecting sheet 2140 toward the second outer edge 2143 of the second connecting sheet 2140. The first wing 2146 and the second wing 2147 are connected or separated through the second connecting structure 2160, so that the second connecting sheet 2140 is switched between an open state and a wrapped state. In the open state, the second connecting sheet 2140 has a first wing 2146 and a second wing 2147 that may be separated respectively in the left and right directions, as shown in FIG. 23. In the wrapped state, the first

wing 2146 and the second wing 2147 of the second connecting sheet 2140 are connected to each other to form a continuous second body portion 2145, as shown in FIG. 25. In this embodiment, the first wing 2146 extends substantially along the longitudinal direction; however, in other embodiments, the first wing 2146 may extend obliquely or along a curve. The first wing 2146 extends from the transverse middle of the second inner edge 2144 of the second connecting sheet 2140 toward the second outer edge 2143 of the second connecting sheet 2140 along the longitudinal direction, and has a gap with the second outer edge 2143. That is, the first wing 2146 and the second wing 2147 are flipably disposed at the middle portion of the second inner edge 2144, and the first wing 2146 and the second wing 2147 do not extend to the second outer edge 2143, so the second connecting sheet 2140 is complete and undivided at the second outer edge 2143. The first wing 2146 and the second wing 2147 of the second connecting sheet 2140 are switched between the open state and the wrapped state through the second connecting structure 2160, to facilitate wrapping the seat cloth 2100 around the upper frame 2210 and stably wrap it around the upper frame 2210 without easy sliding or falling off.

[0118] As shown in FIG. 21, in this embodiment, optionally, the second connecting structure 2160 includes a plurality of second connecting structures 2160, which are respectively disposed on the second connecting sheet 2140 along the longitudinal direction. In this embodiment, the second connecting structure 2160 includes a plurality of third connecting members 2161 and a plurality of fourth connecting members 2162, wherein the third connecting members 2161 are disposed on the first wing 2146 of the second connecting sheet 2140, and the fourth connecting members 2162 are disposed on the second wing 2147. The plurality of third connecting members 2161 can be respectively connected to the fourth connecting members 2162 to connect the first wing 2146 and the second wing 2147 to each other. For example, in this embodiment, two third connecting members 2161 are disposed at the front end and the rear end of the first wing 2146 of the second connecting sheet 2140. Correspondingly, two fourth connecting members 2162 are disposed at the front end and the rear end of the second wing 2147 of the second connecting sheet 2140. In other embodiments, the second connecting structure 2160 may have different forms, such as hook-and-loop fasteners, rope loops, zippers, etc.

[0119] Referring to FIGS. 22, 25, and 26, the supporting sheet 2110 includes a first supporting sheet 2110a and a second supporting sheet 2110b stacked vertically, i.e., formed into a double-layer structure, and the first supporting sheet 2110a is located above. The first supporting sheet 2110a is provided with two groups of shoulder strap engaging portions 2111 arranged transversely, and each group of shoulder strap engaging portions 2111 includes a plurality of shoulder strap engaging portions 2111 arranged longitudinally. The shoulder strap

2180 may be selectively engaged with any one of the shoulder strap engaging portions 2111 to adjust the position of the shoulder strap 2180 to adapt to children of different body types. In this embodiment, the shoulder strap engaging portions 2111 are transversely extending slots, and the end of the shoulder strap 2180 is provided with a frame-shaped shoulder strap connecting member 2181, which is detachably engaged with the shoulder strap engaging portion 2111 through the shoulder strap connecting member 2181. For example, the shoulder strap connecting member 2181 may be a double-D buckle (i.e., 1-bar ladderlock buckle), a triple-D buckle (i.e., 2-bar ladderlock buckle), or other components. In this embodiment, the thickness of the shoulder strap connecting member 2181 is set to be able to pass through the shoulder strap engaging portion 2111, and after passing through the shoulder strap engaging portion 2111 to the lower part of the first supporting sheet 2110a (i.e., reaching the space between the first supporting sheet 2110a and the second supporting sheet 2110b), the shoulder strap connecting member 2181 may be flipped (e.g., flipped by 90 degrees) and cannot be separated from the shoulder strap engaging portion 2111, thereby engaging the shoulder strap 2180 to the supporting sheet 2110. When it is necessary to adjust the height of the shoulder strap 2180, the shoulder strap connecting member 2181 may be flipped to pull it out of the shoulder strap engaging portion 2111 together with the shoulder strap 2180, and then the shoulder strap connecting member 2181 and the shoulder strap 2180 may be inserted into another shoulder strap engaging portion 2111 again. A crotch strap 2190 is further provided on the front surface of the supporting sheet 2110, which is detachably engaged with the two shoulder straps 2180 through a buckle 2191 to keep the child on the seat cloth 2100.

[0120] The operation of wrapping the seat cloth 2100 of the present disclosure around the upper frame 2210 will be described with reference to FIG. 27. Before wrapping, the first connecting structure 2150 and the second connecting structure 2160 are opened, so that the first connecting sheet 2130 and the second connecting sheet 2140 are separated from each other, and the first wing 2146 and the second wing 2147 of the second connecting sheet 2140 are separated from each other. Therefore, the first connecting sheet 2130 may be wrapped around the first supporting member 2211 of the upper frame 2210 from the back to the front, or the first supporting member 2211 may be inserted into the first insertion space 2173 of the first connecting sheet 2130, so that the first supporting member 2211 is completely accommodated in the first insertion space 2173 of the first connecting sheet 2130. FIG. 27 shows a state where the first supporting member 2211 is being inserted into the first insertion space 2173.

[0121] The operation of wrapping the seat cloth 2100 around the upper frame 2210 will be continued with reference to FIG. 28. After the first connecting sheet 2130 is completely wrapped around the first supporting member 2211, that is, after the first supporting member

2211 is close to the first outer edge 2133, the first wing 2146 and the second wing 2147 of the second connecting sheet 2140 are respectively wrapped around the second supporting member 2212. It should be understood that since the second connecting sheet 2140 includes the first wing 2146 and the second wing 2147 that may be separated from each other, it can be easily wrapped around the second supporting member 2212. At this time, the second supporting member 2212 is completely accommodated in the second insertion space 2174, i.e., near the second outer edge 2143 of the second connecting sheet 2140.

[0122] The operation of wrapping the seat cloth 2100 around the upper frame 2210 will be continued with reference to FIG. 29. After the first connecting sheet 2130 and the second connecting sheet 2140 are wrapped in place, the covering sheet 2170, the first engaging portion 2132, and the second engaging portion 2142 are wrapped around the connecting seat 2240, and the first connecting member 2151 and the second connecting member 2152 of the first connecting structure 2150 are connected to each other. At the same time, the third connecting member 2161 and the fourth connecting member 2162 of the second connecting structure 2160 are connected to each other, for example, the first connecting member 2151 and the second connecting member 2152 are fastened, and the third connecting member 2161 and the fourth connecting member 2162 are fastened. Therefore, the first connecting sheet 2130 is connected to the second connecting sheet 2140, and the first wing 2146 and the second wing 2147 of the second connecting sheet 2140 are connected to each other. The first connecting sheet 2130 and the second connecting sheet 2140 form a continuous structure covering the lower part of the upper frame 2210.

[0123] It is easy to understand that the seat cloth 2100 and the upper frame 2210 may be separated by performing the above operations in reverse order.

[0124] Referring to FIG. 30, in this embodiment, the seat cloth 2100 further includes a supporting plate 2171.

[0125] The inner surface (i.e., the lower surface) of the supporting sheet 2110 is provided with an accommodating portion 2112, which is specifically configured as a pocket opening backward. A supporting plate 2171 is inserted into the accommodating portion 2112 to enhance the strength of the supporting sheet 2110. The supporting plate 2171 is made of a material (such as plastic) that is not easily deformed, and is formed into a substantially rectangular shape. The connecting sheet may be flipped to expose the accommodating portion 2112. For example, the first connecting sheet 2130 may be flipped without being wrapped under the supporting sheet 2110, so that the accommodating portion 2112 is exposed. Therefore, the supporting plate 2171 may be easily inserted into or taken out of the accommodating portion 2112. In other embodiments, the second connecting sheet 2140 may also be flipped to expose the accommodating portion 2112. The dashed box in FIG. 26 in-

dicates the supporting plate 2171 that has been inserted into the supporting sheet 2110. More specifically, referring to FIGS. 30, 25, and 26, in this embodiment, the accommodating portion 2112 is formed between the first supporting sheet 2110a and the second supporting sheet 2110b. The first supporting sheet 2110a and the second supporting sheet 2110b are joined to each other at a boundary between the backrest part 2114 and the seat part 2115 through a supporting sheet joining portion 2110c, which is, for example, a sewing line. The supporting sheet joining portion 2110c is formed as a blocking portion that limits the position of the supporting plate 2171, thereby stably fixing the supporting plate 2171.

[0126] Although the present disclosure has been described with reference to exemplary embodiments, the terms used are illustrative and exemplary rather than restrictive. Since the present disclosure may be embodied in various forms without departing from the spirit and essence of the present disclosure, it should be understood that the above embodiments are not limited to any of the foregoing details, but should be interpreted in the broadest scope defined by the claims. Therefore, all changes falling within the scope of the claims or their equivalents should be covered by the claims.

Claims

1. A shoulder strap height adjusting mechanism (1001), comprising a seat pad (1010) and shoulder straps (1210), wherein the seat pad (1010) is provided with shoulder strap perforations (1110) through which the shoulder straps (1210) pass and shielding sheets (1120) located at the shoulder strap perforations (1110), the shielding sheets (1120) at least partially shield the shoulder strap perforations (1110) and divide the shoulder strap perforations (1110) into an upper perforation (1111) and a lower perforation (1112) with different heights,

a communication hole (1113) is formed between the upper perforation (1111) and the lower perforation (1112), and the communication hole (1113) is communicated with the upper perforation (1111) and the lower perforation (1112), the upper perforation (1111) and the lower perforation (1112) extend substantially in a transverse direction, an extending direction of the upper perforation (1111) is parallel to an extending direction of the lower perforation (1112), and the communication hole (1113) extends substantially in a height direction, two shoulder straps (1210) are provided, two shoulder strap perforations (1110) are arranged side by side on the seat pad and two shielding sheets (1120) are respectively located at the two shoulder strap perforations (1110); the two shoulder strap perforations (1110) are located

- at the same height; two sliding straps (1140) are provided in the two shoulder strap perforations (1110), the two sliding straps (1140) respectively extend along the height direction, and the two shoulder straps (1210) respectively pass through the two shoulder strap perforations (1110) and are respectively slidably connected to corresponding sliding straps (1140) through a fastener (1212).
2. The shoulder strap height adjusting mechanism according to claim 1, wherein the communication hole (1113) is connected to outer ends of the upper perforation (1111) and the lower perforation (1112) in the transverse direction, or the communication hole (1113) is connected to middle parts of the upper perforation (1111) and the lower perforation (1112) in the transverse direction.
 3. The shoulder strap height adjusting mechanism according to claim 1 or 2, wherein the sliding strap is connected to the seat pad, and the shoulder strap (1210) is slidable along the sliding strap (1140) to adjust a length of the shoulder strap (1210).
 4. The shoulder strap height adjusting mechanism according to claim 3, wherein the fastener (1212) is slidably connected to the sliding strap (1140), one end of the shoulder strap (1210) is connected to the fastener (1212), and the fastener (1212) slides along the sliding strap (1140) to adjust the length of the shoulder strap (1210).
 5. The shoulder strap height adjusting mechanism according to any one of the preceding claims, wherein the shoulder strap height adjusting mechanism further comprises an adjusting strap (1211), one end of the adjusting strap (1211) is connected to the fastener (1212), and the other end extends from a rear of the seat pad; the adjusting strap (1211) is pulled to drive the fastener (1212) to slide along the sliding strap (1140), so as to adjust the length of the shoulder strap (1210).
 6. The shoulder strap height adjusting mechanism according to claim 5, wherein the two adjusting straps (1211) are integrally formed as the adjusting strap (1211) at the rear of the seat pad (1010); and/or the adjusting strap (1211) forms a free end at the rear of the seat pad (1010).
 7. The shoulder strap height adjusting mechanism according to any one of the preceding claims, wherein the shielding sheets (1120) are provided with a first fixing member (1121), and the seat pad (1010) is provided with a second fixing member (1160) capable of being connected to and separated from the first fixing member (1121); and/or the seat pad is further connected with a waist strap (1220) and a crotch strap (1230), a free end of the crotch strap (1230) is provided with a central buckle (1240), and the shoulder strap (1210) and the waist strap (1220) are respectively detachably connected to the central buckle; and/or a shoulder strap sheath (1260) is sleeved on the shoulder strap (1210), and one end of the shoulder strap sheath (1260) is fixed to the seat pad (1010).
 8. A seat cloth (2100) for connecting to a seat frame (2200) of a carrier, comprising:
 - a supporting sheet (2110) for supporting a child riding in the carrier when the seat cloth (2100) is connected to the seat frame (2200);
 - a covering sheet (2170) connected to an edge of the supporting sheet (2110) along a circumferential direction for covering an upper frame (2210) of the seat frame (2200);
 - a first connecting sheet (2130) connected to one side of the covering sheet (2170) along a longitudinal direction, and a first insertion space (2173) for inserting into one side of the upper frame (2210) is formed among the first connecting sheet (2130), the covering sheet (2170) and the supporting sheet (2110);
 - a second connecting sheet (2140) connected to the other side of the covering sheet (2170) along the longitudinal direction, a second insertion space (2174) for inserting into the other side of the upper frame (2210) is formed among the second connecting sheet (2140), the covering sheet (2170) and the supporting sheet (2110).
 9. The seat cloth (2100) according to claim 8, wherein the first connecting sheet (2130) and the second connecting sheet (2140) are spaced apart in the longitudinal direction, and the first connecting sheet (2130) and the second connecting sheet (2140) are detachably connected.
 10. The seat cloth (2100) according to claim 9, wherein the first connecting sheet (2130) comprises a first body portion (2135), first extending portions (2131) extending from both sides of the first body portion (2135) toward the second connecting sheet (2140), and first engaging portions (2132) extending from the first extending portions (2131) toward the second connecting sheet (2140); the second connecting sheet (2140) comprises a second body portion (2145), second extending portions (2141) extending from the second body portion (2145) toward the first connecting sheet (2130), and second engaging portions (2142) extending from the second extending

portions (2141) toward the first connecting sheet (2130); the first engaging portions (2132) are detachably connected to the second engaging portions (2142).

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11. The seat cloth (2100) according to claim 10, wherein when the first engaging portions (2132) are connected to the second engaging portions (2142), an installation opening (2172) is formed among the first engaging portions (2132), the second engaging portions (2142) and the covering sheet (2170).

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12. The seat cloth (2100) according to any one of claims 8-11, wherein the second connecting sheet (2140) comprises a first wing (2146) and a second wing (2147) arranged in the transverse direction, and the first wing (2146) is detachably connected to the second wing (2147).

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13. The seat cloth (2100) according to any one of claims 8-12, wherein the supporting sheet (2110) comprises a first supporting sheet (2110a) and a second supporting sheet (2110b) that are connected to each other and spaced apart in a vertical direction.

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14. The seat cloth (2100) according to claim 13, wherein in the vertical direction, the first supporting sheet (2110a) is located above the second supporting sheet (2110b); the first supporting sheet (2110a) comprises a backrest part (2114) and a seat part (2115) arranged in the longitudinal direction, and two side parts (2116) arranged on both sides of the backrest part (2114) and the seat part (2115) in the transverse direction; the second supporting sheet (2110b) corresponds to the backrest part (2114) and the seat part (2115) of the first supporting sheet (2110a), and the second supporting sheet (2110b) is connected to the first supporting sheet (2110a) at an overall outer edge of the backrest part (2114) and the seat part (2115).

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15. A child carrier, comprising the seat cloth (2100) according to any one of claims 8-14 and a seat frame (2200);

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a longitudinal dimension of the first connecting sheet (2130) is designed to interfere with the backrest part (2114) of the supporting sheet (2110); and/or

a longitudinal dimension of the second connecting sheet (2140) is designed to interfere with the seat part (2115) of the supporting sheet (2110).

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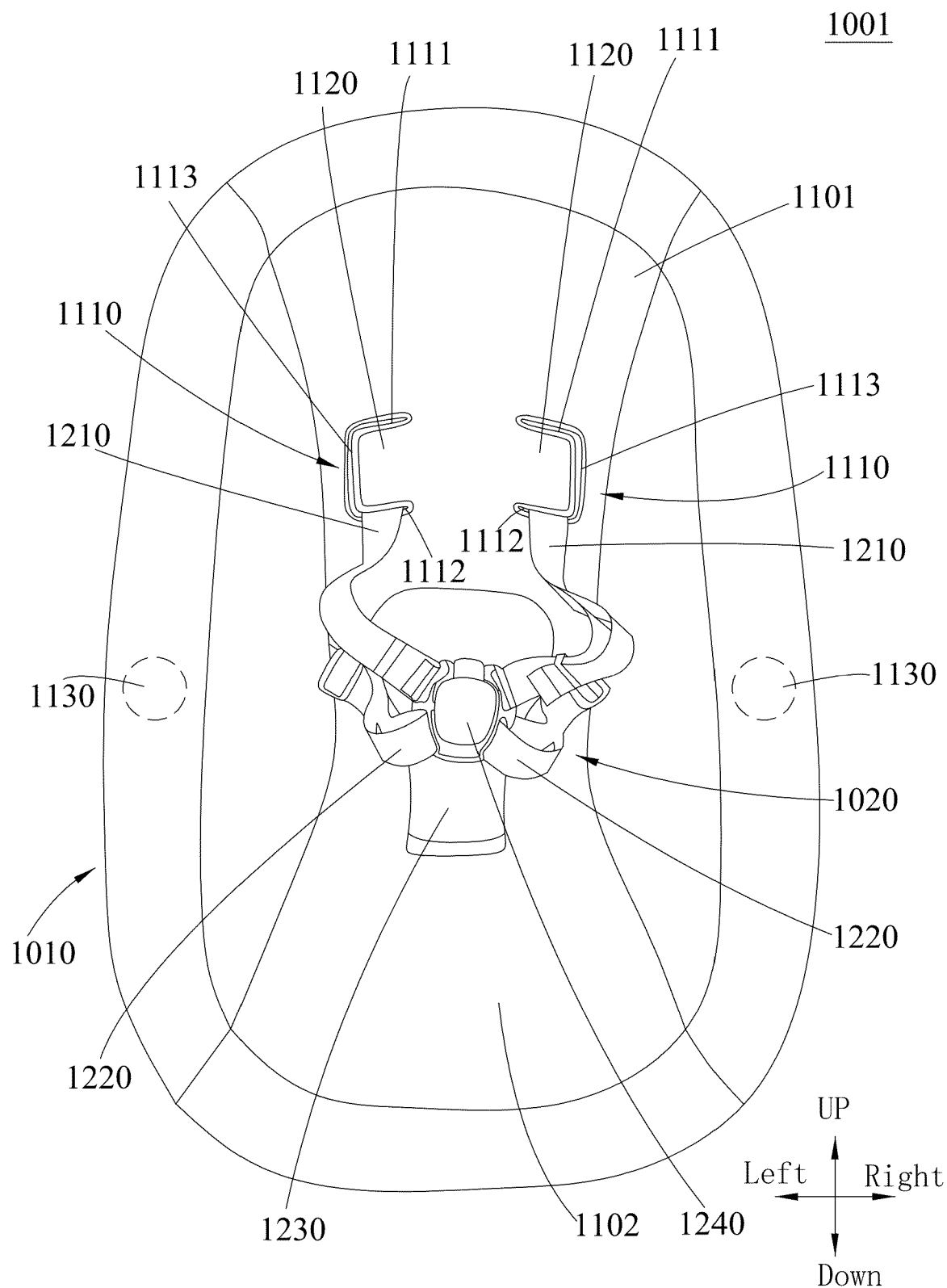


FIG. 1

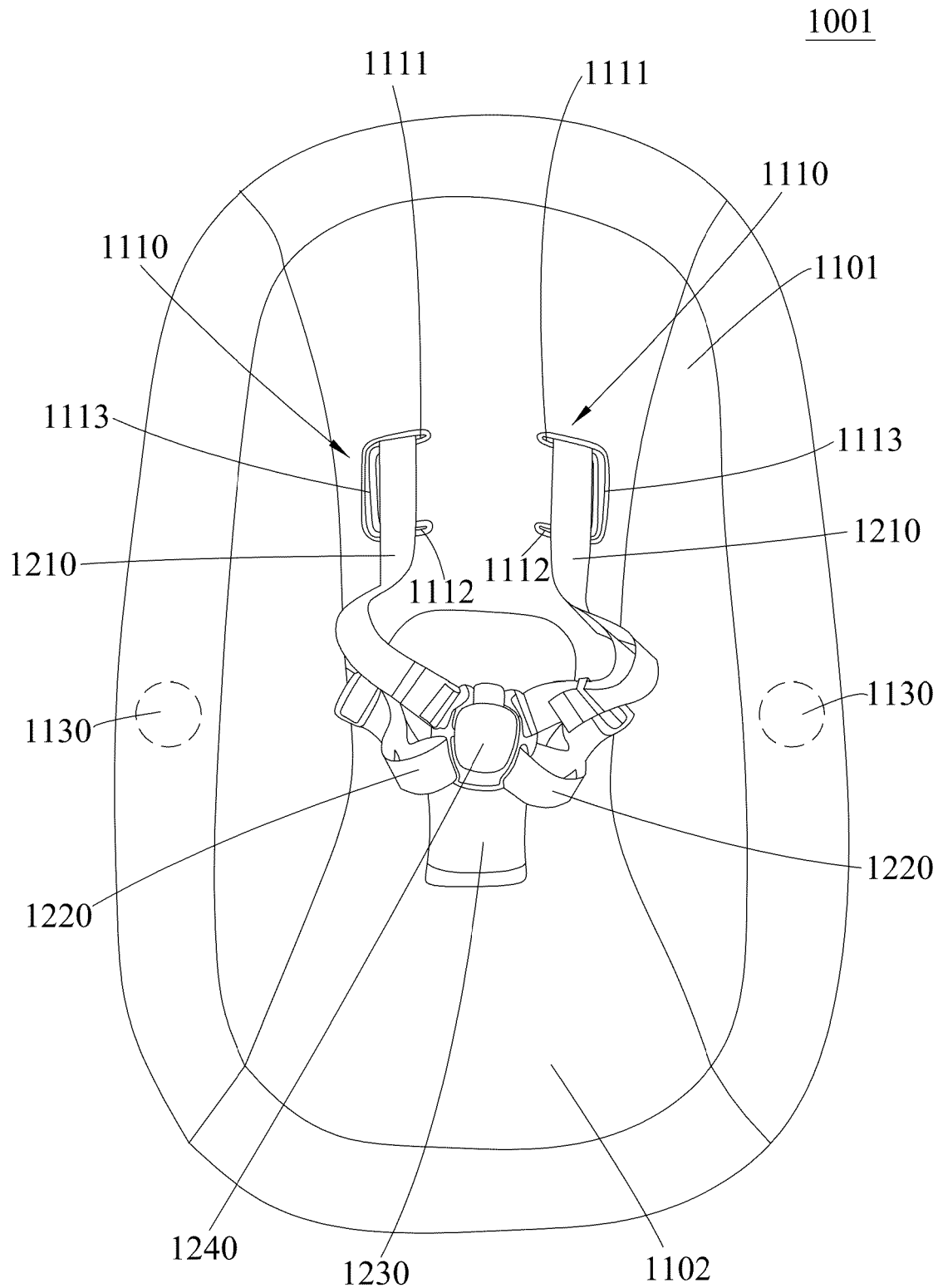


FIG. 2

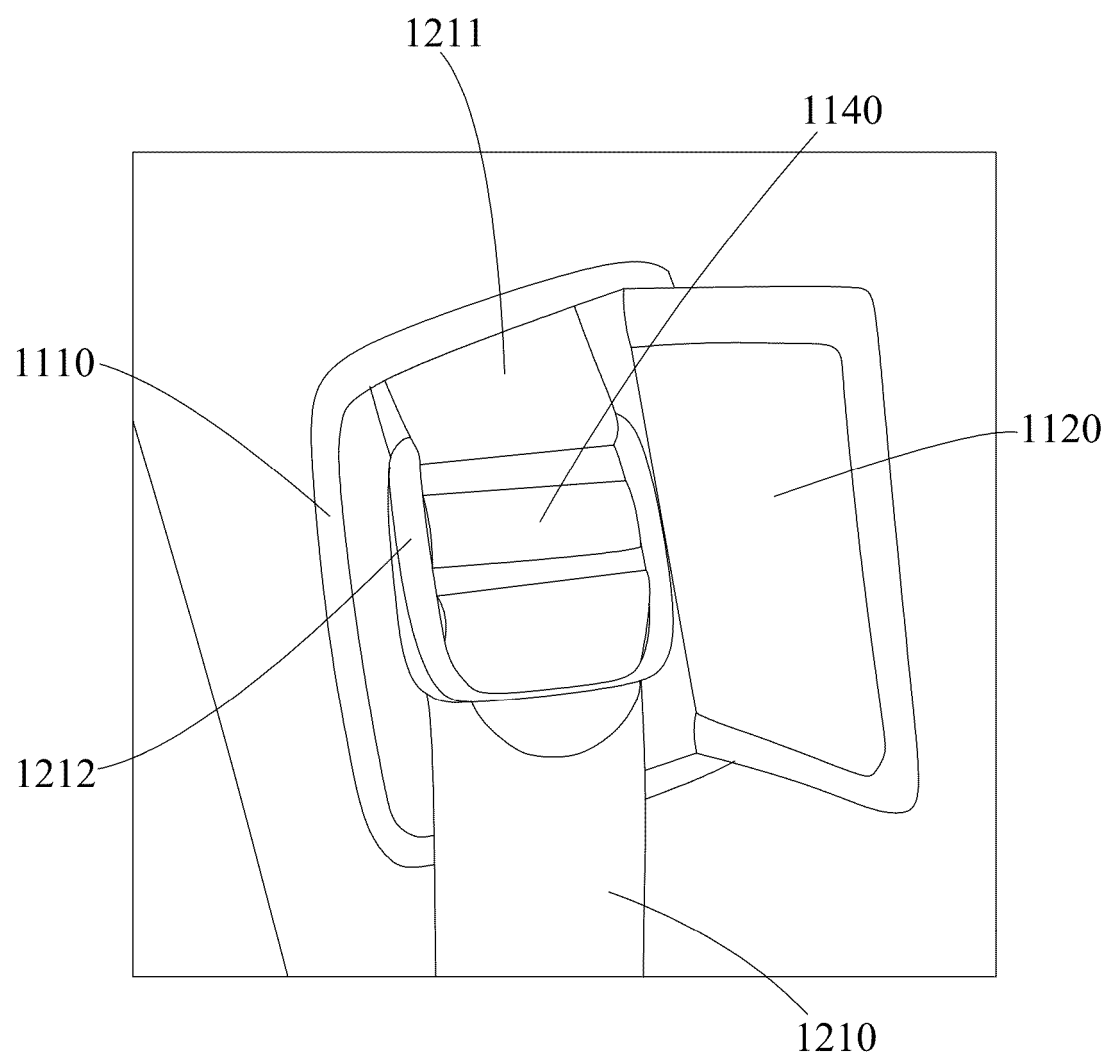


FIG. 3A

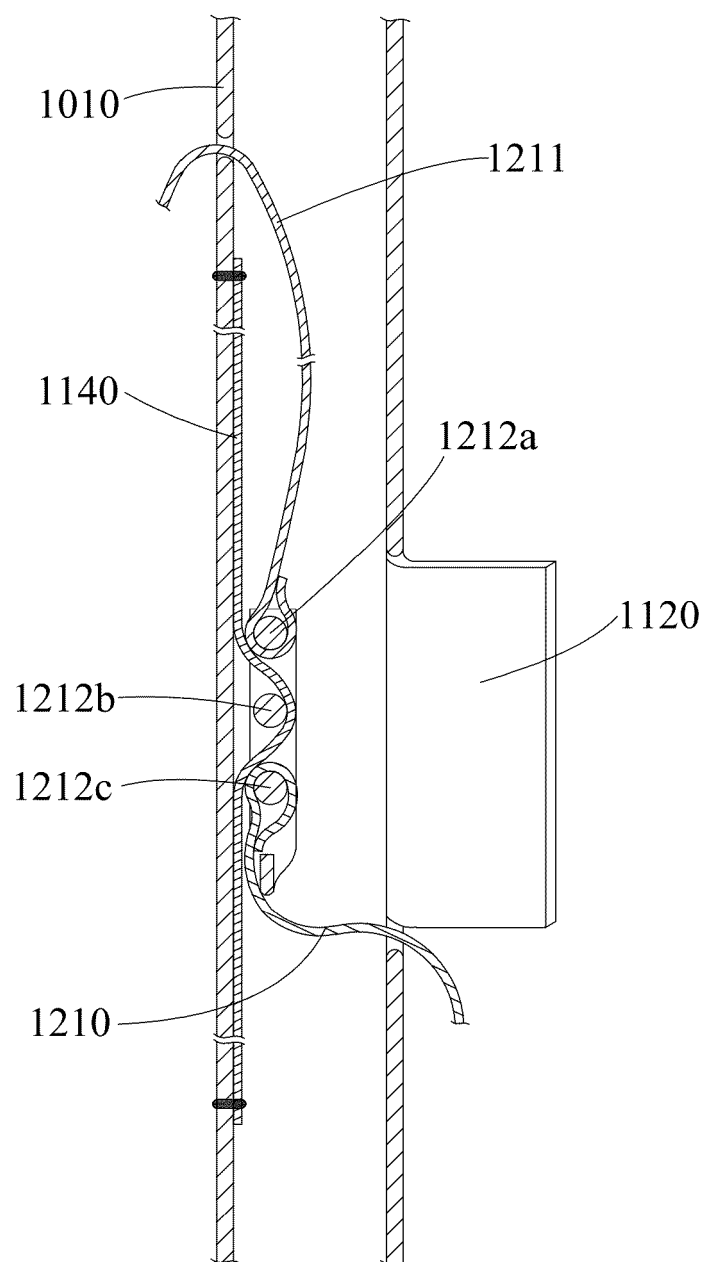


FIG. 3B

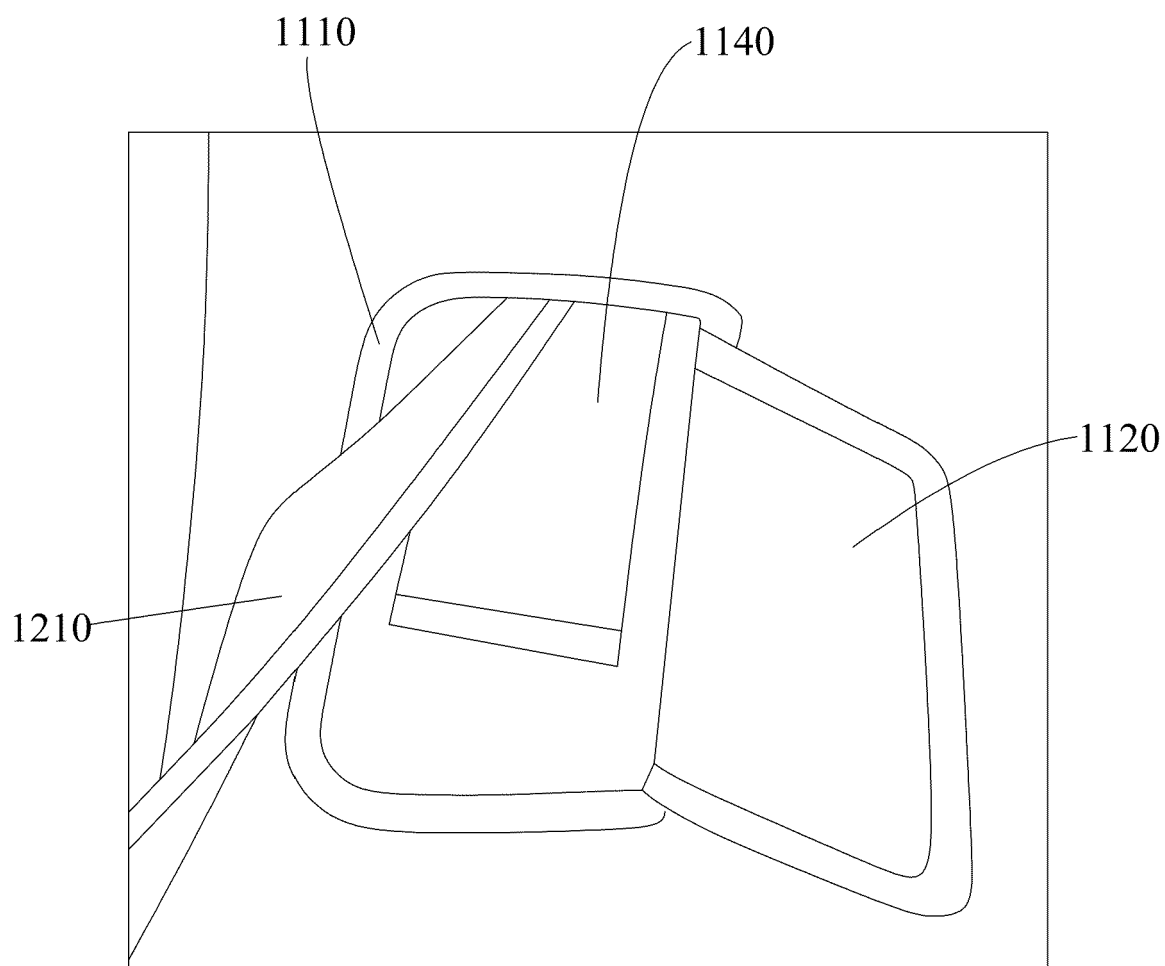


FIG. 4

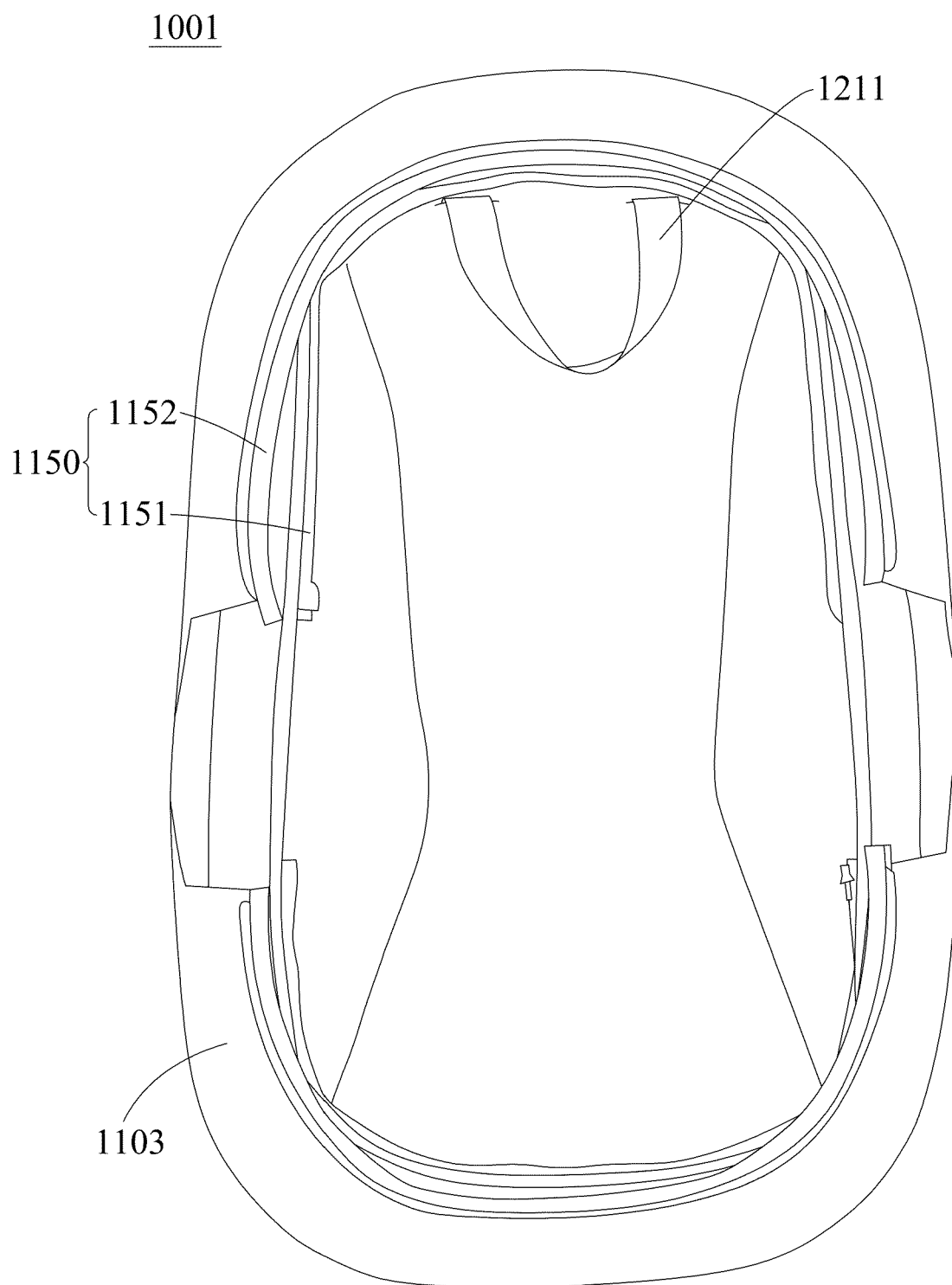


FIG. 5

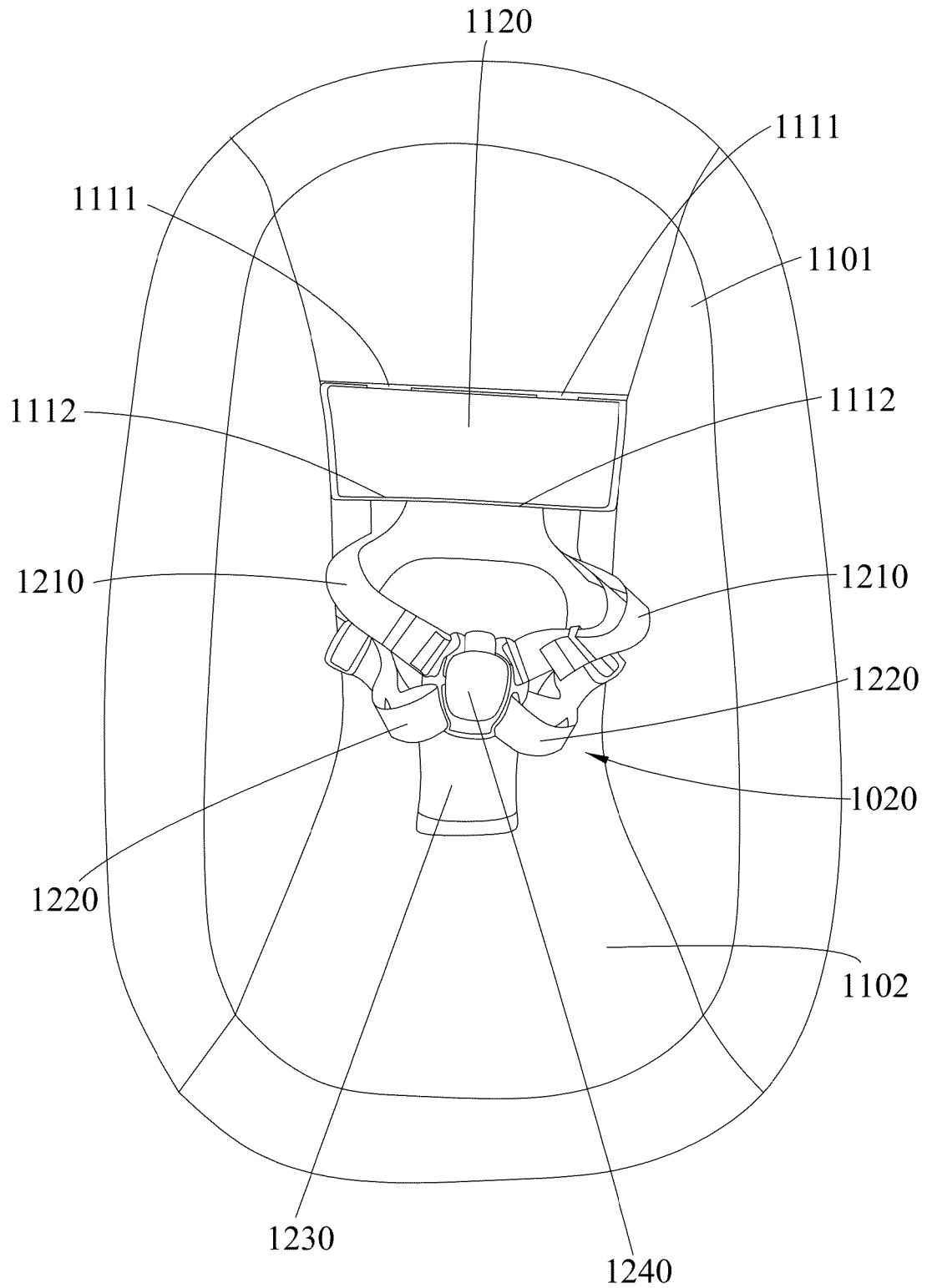


FIG. 6

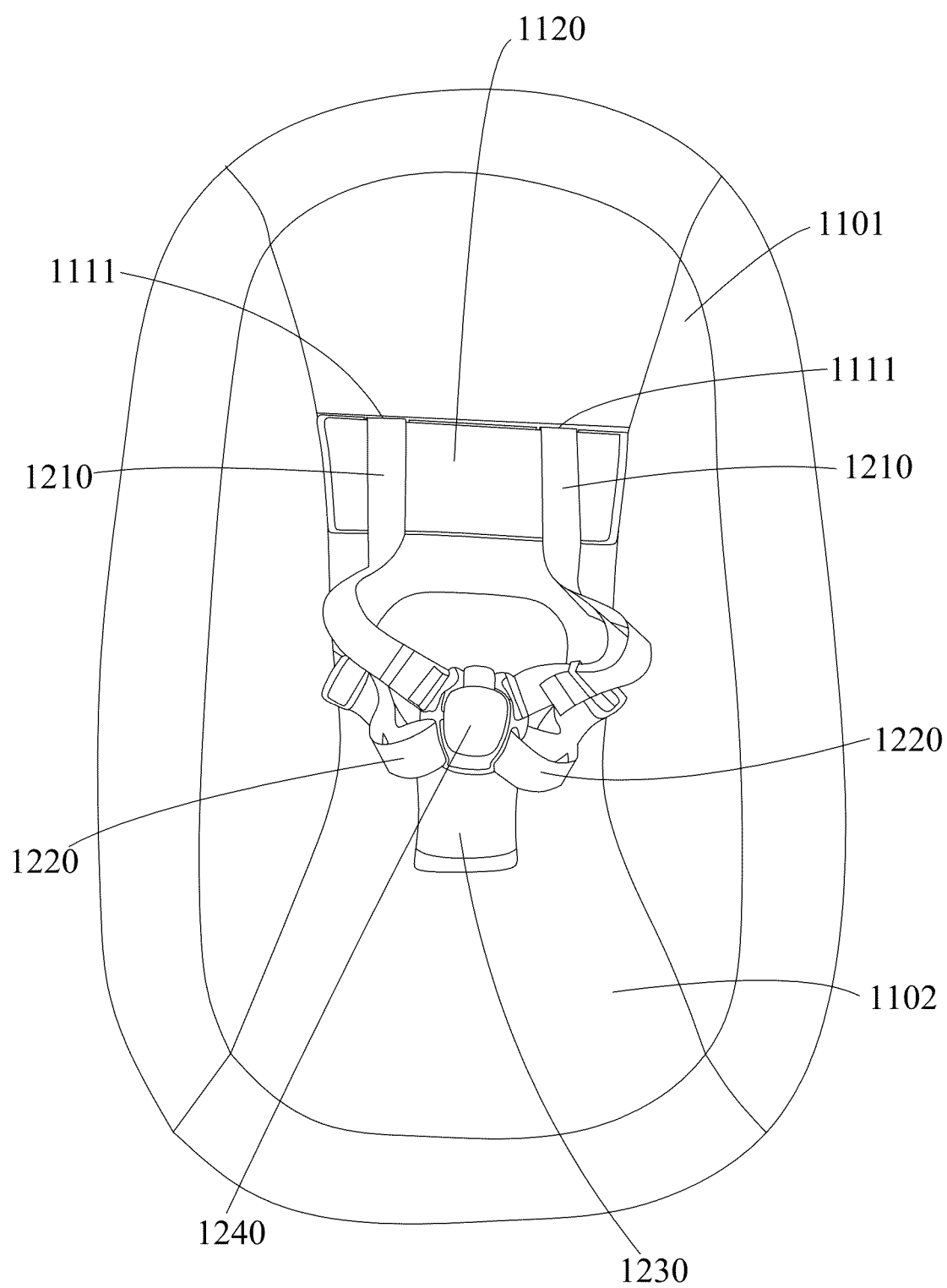


FIG. 7

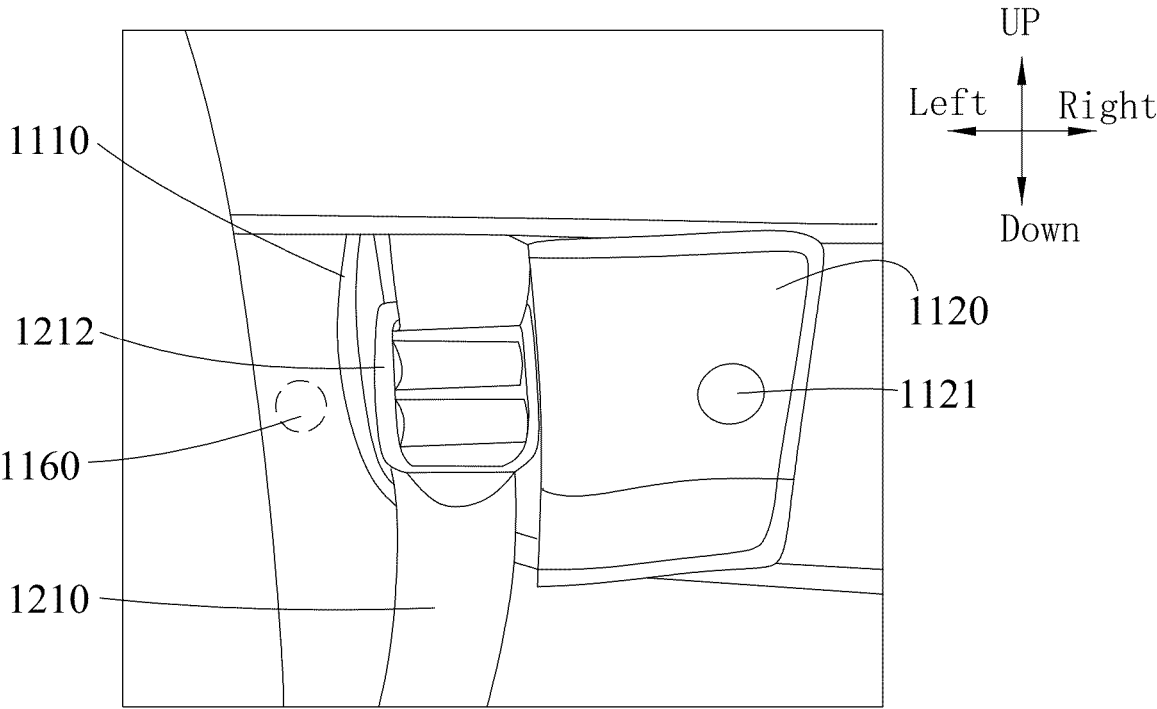


FIG. 8

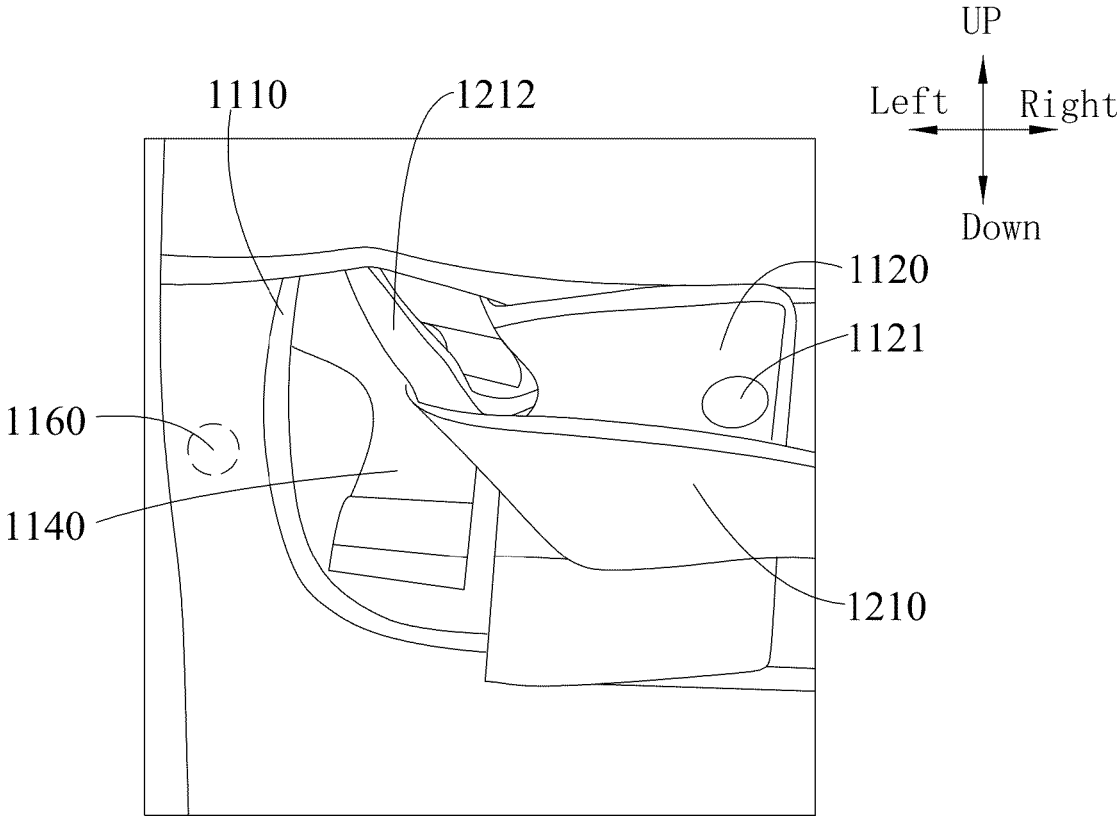


FIG. 9

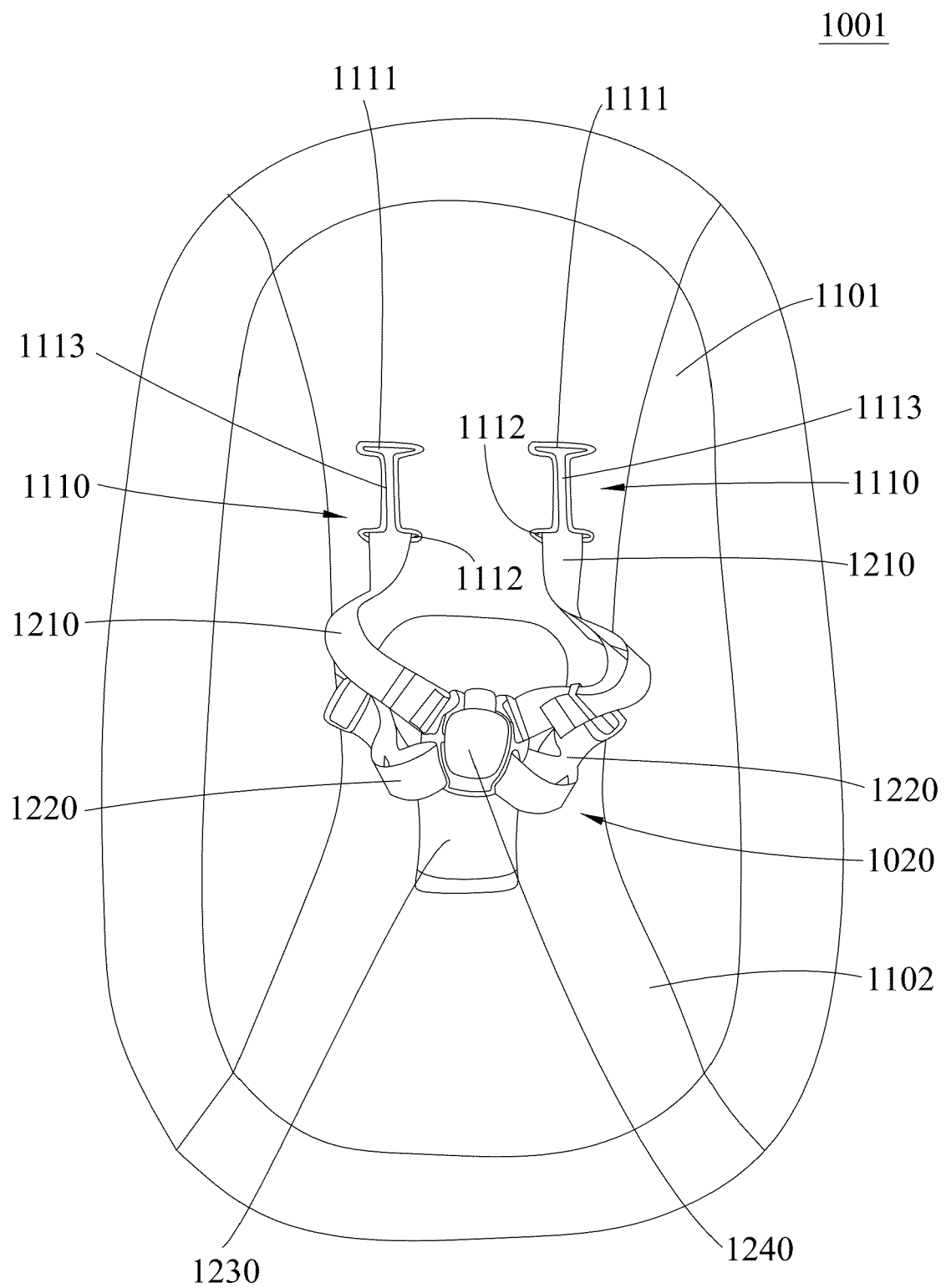


FIG. 10

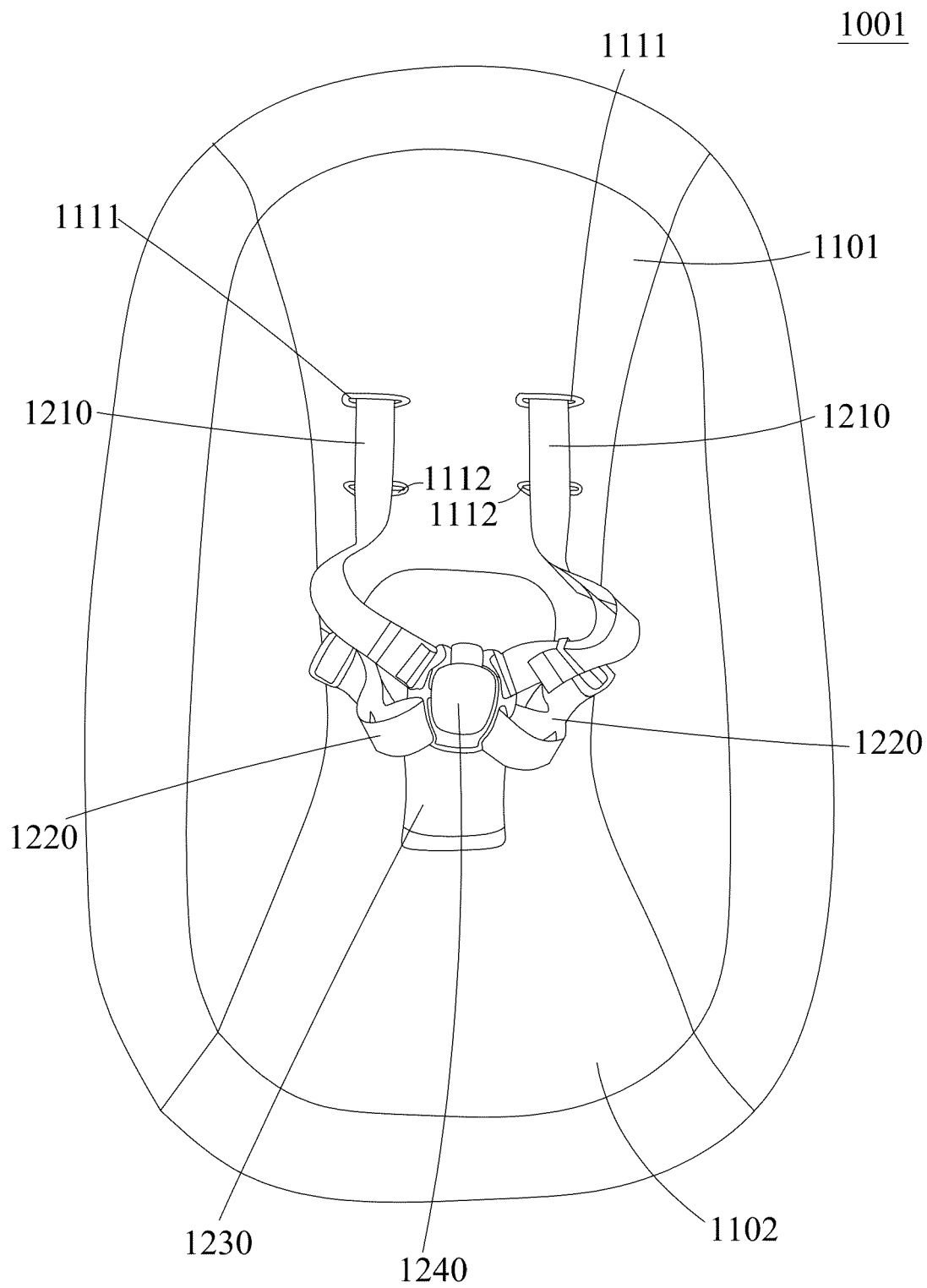


FIG. 11

1001

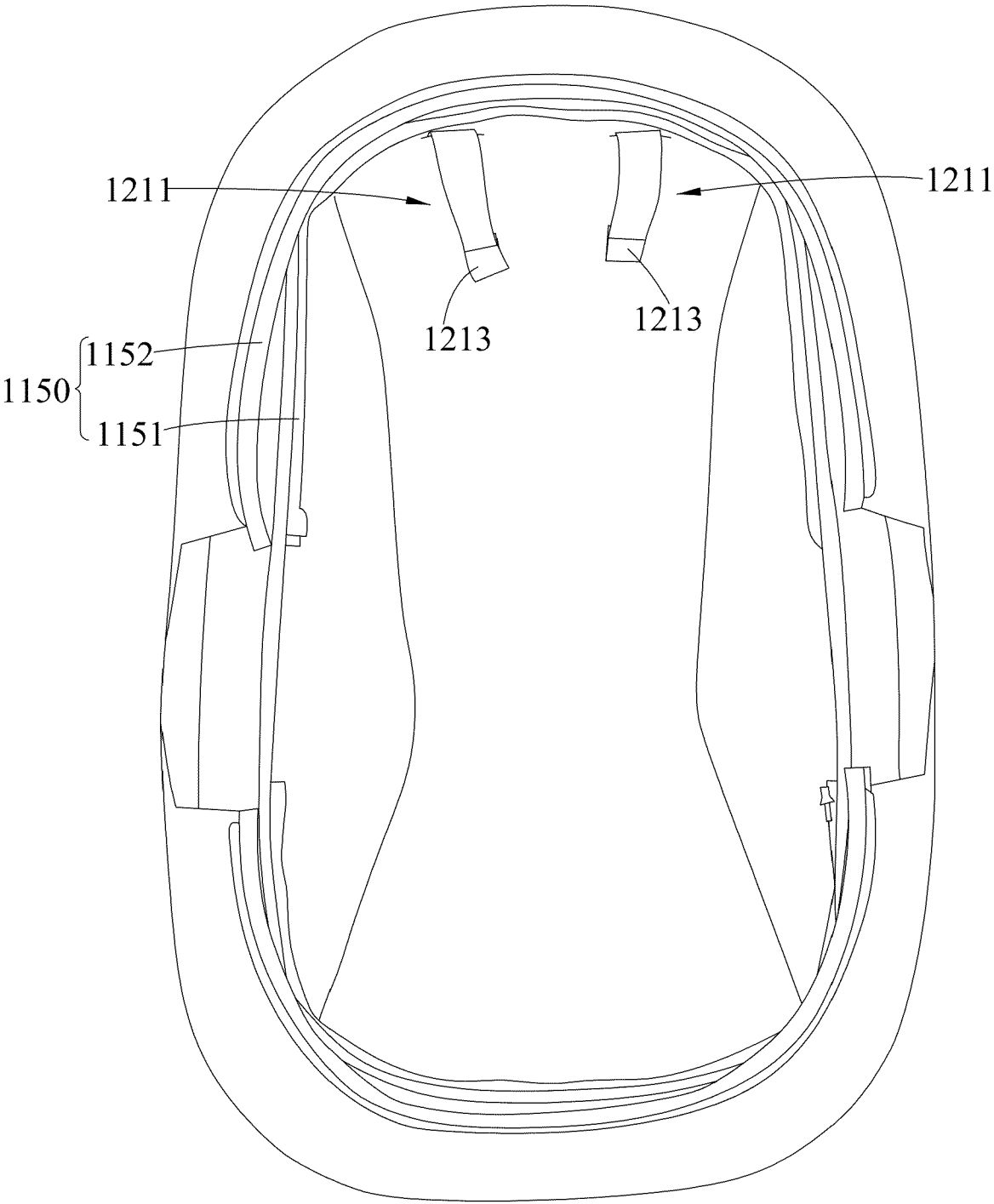


FIG. 12

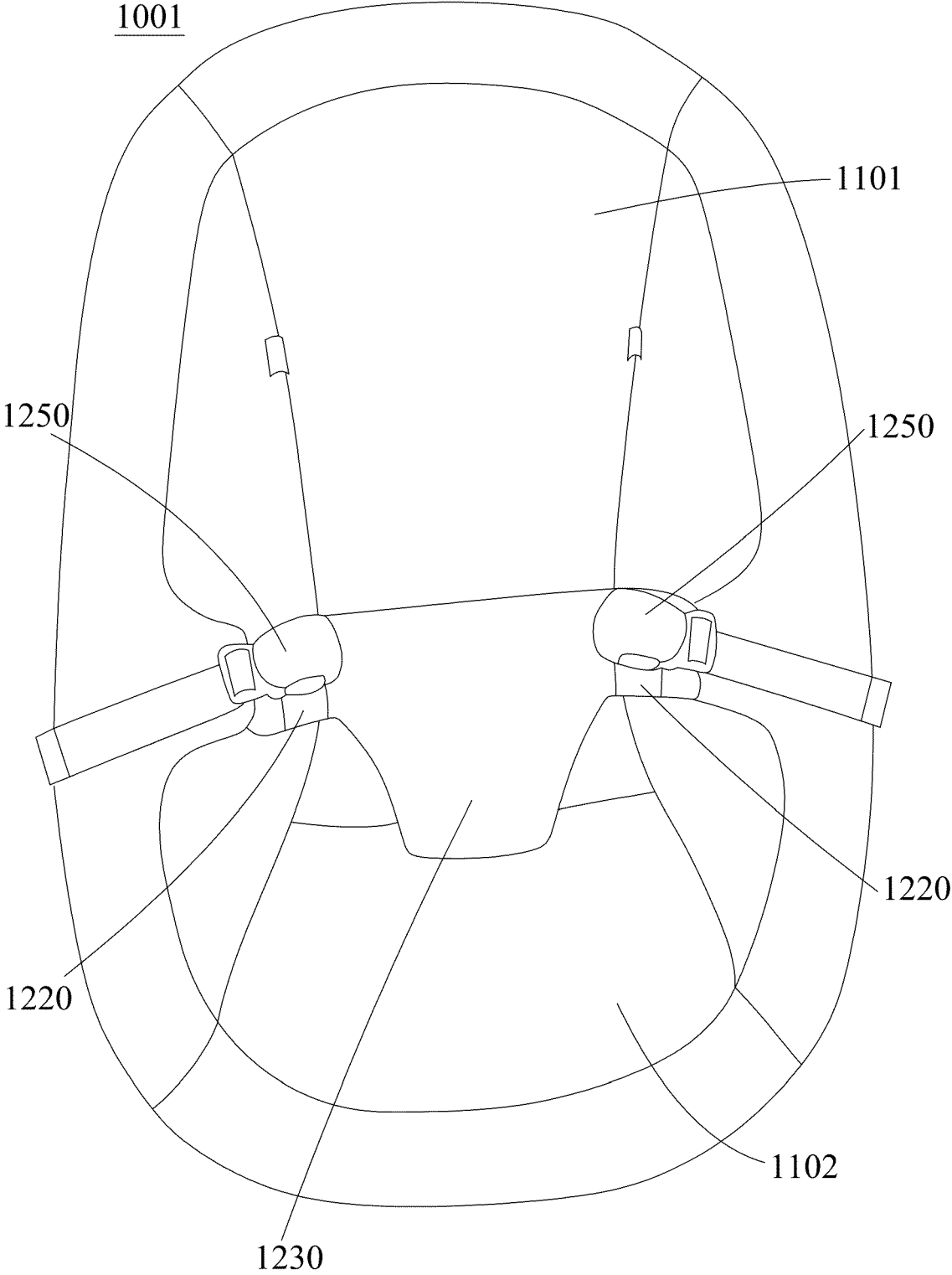


FIG. 13

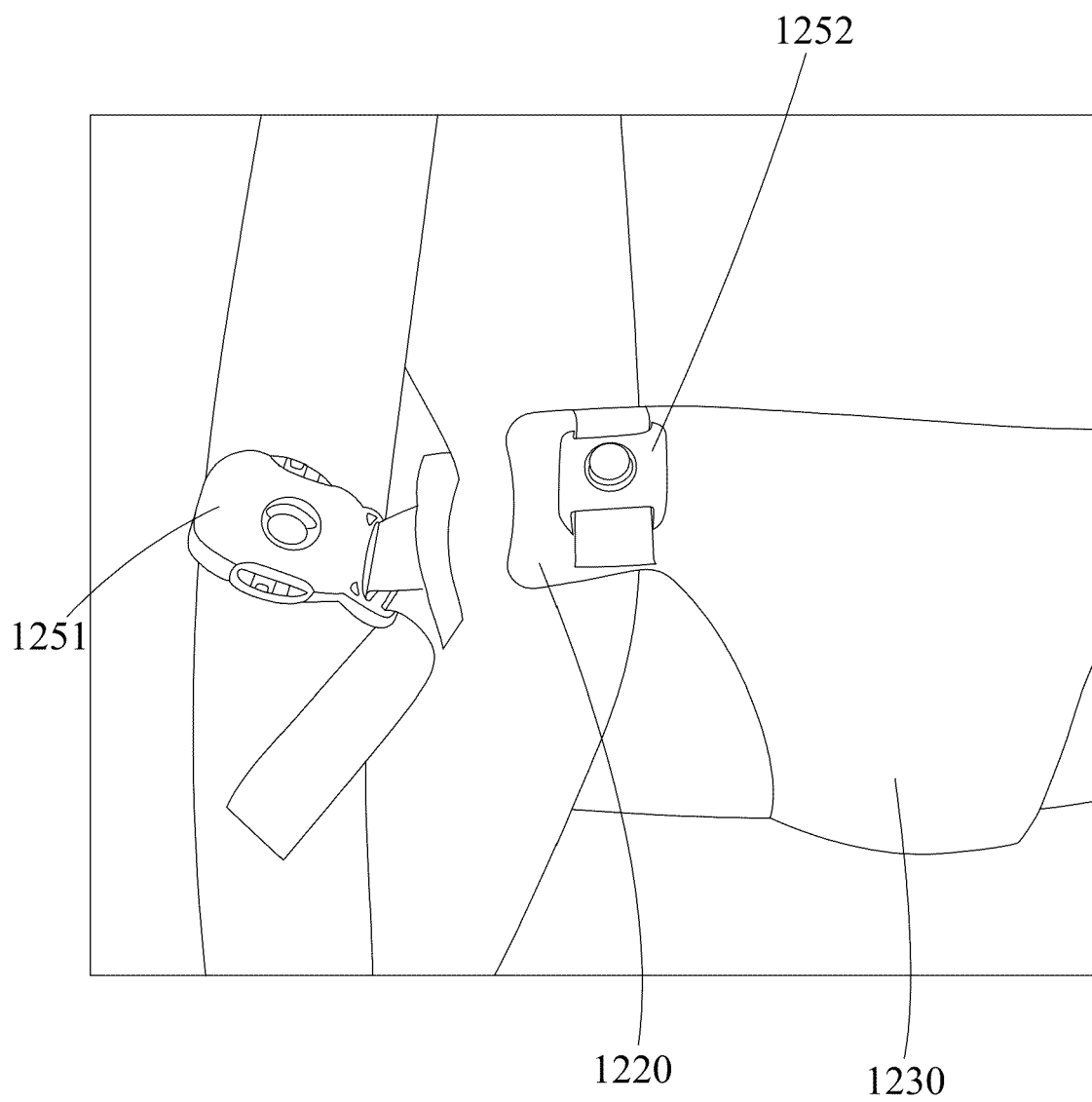


FIG. 14

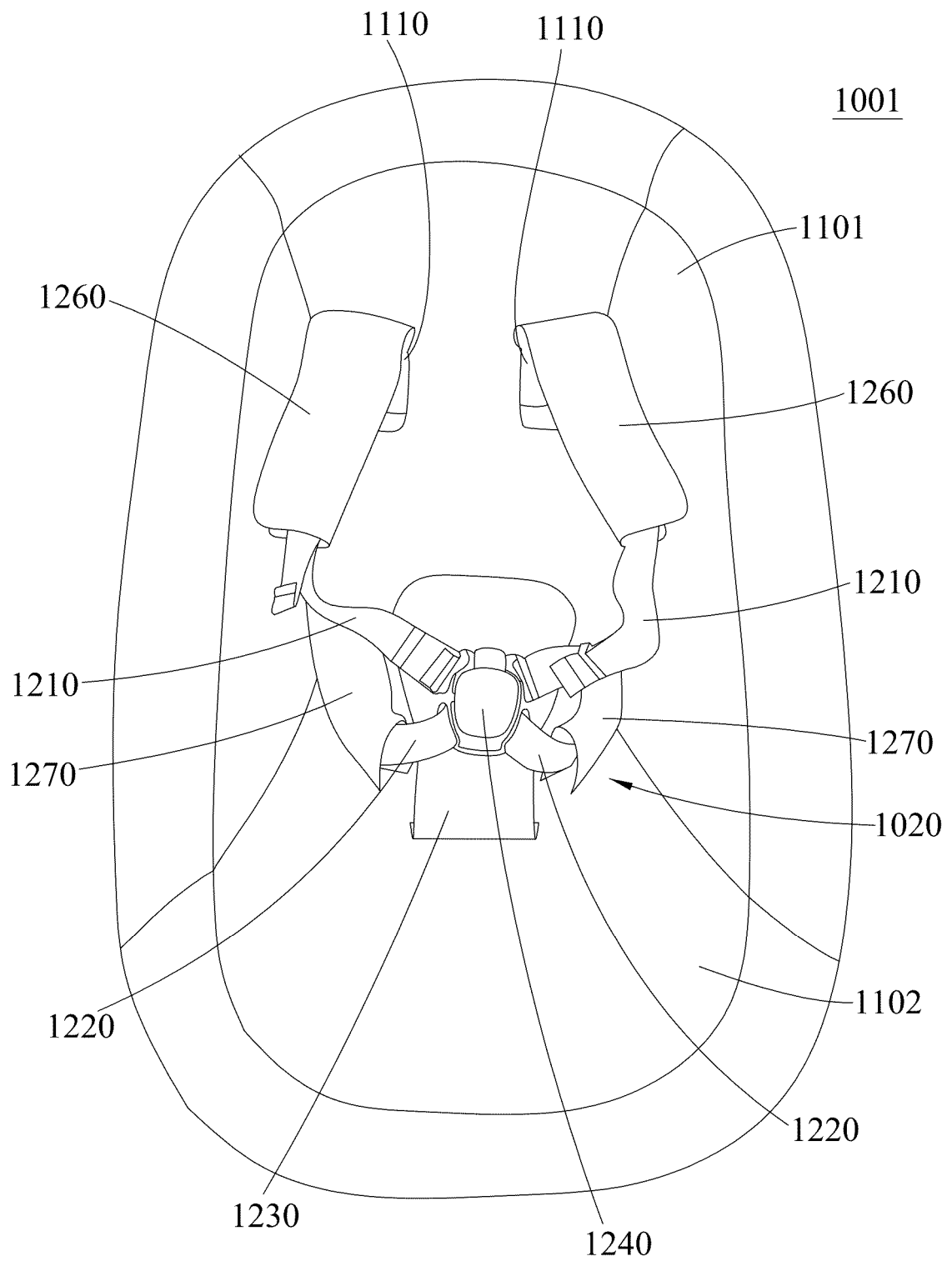


FIG. 15

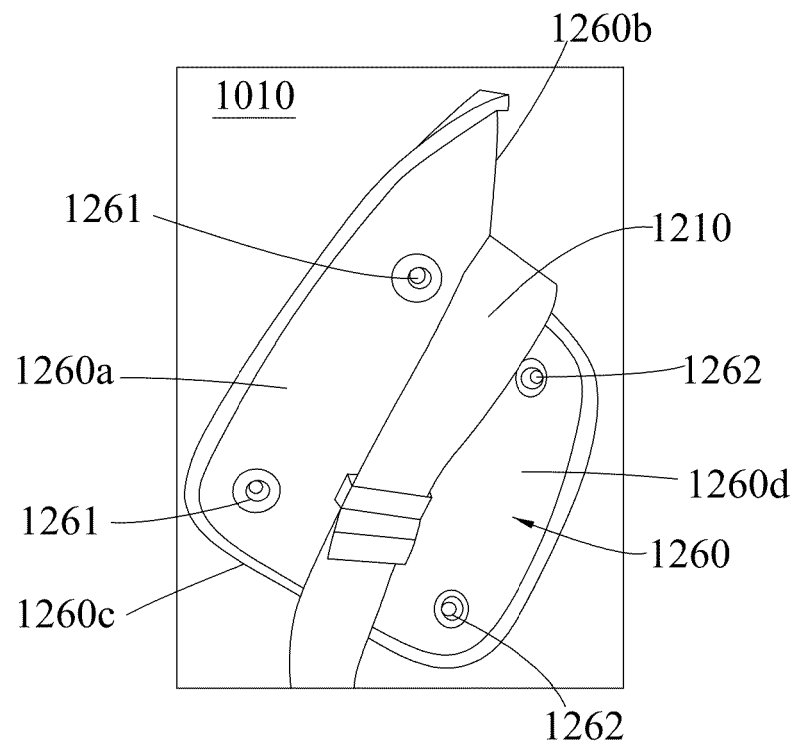


FIG. 16

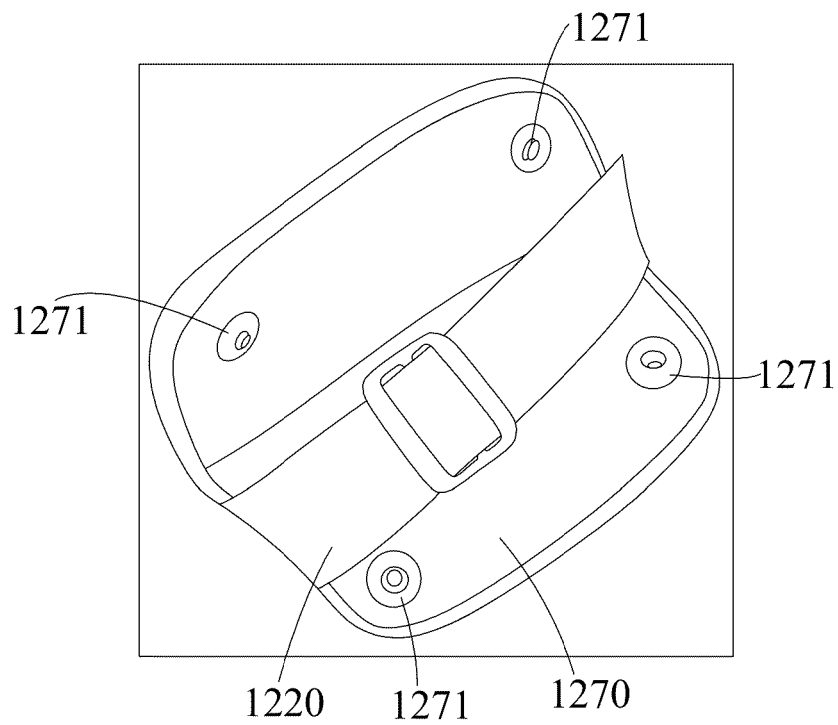


FIG. 17

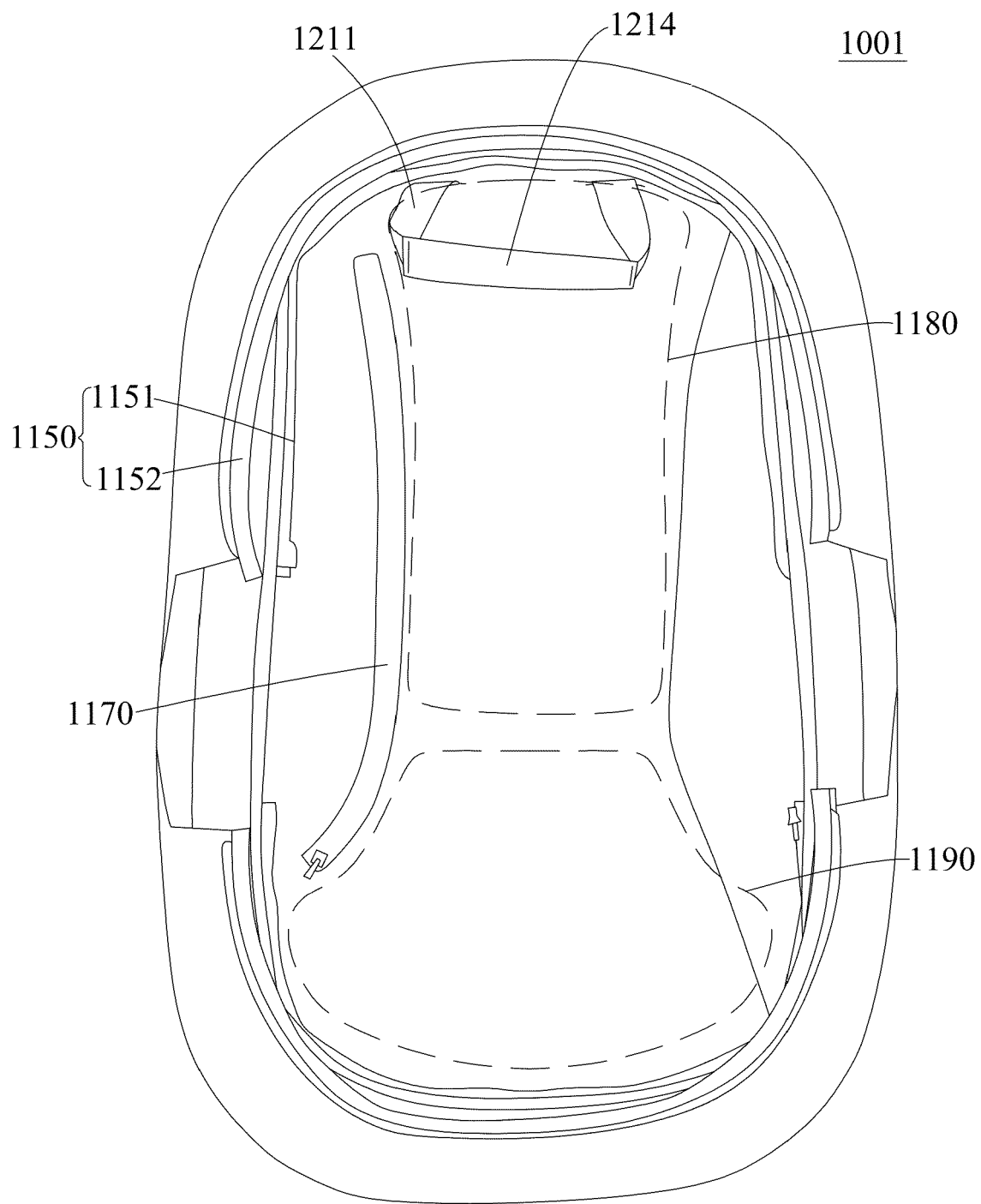


FIG. 18

1030

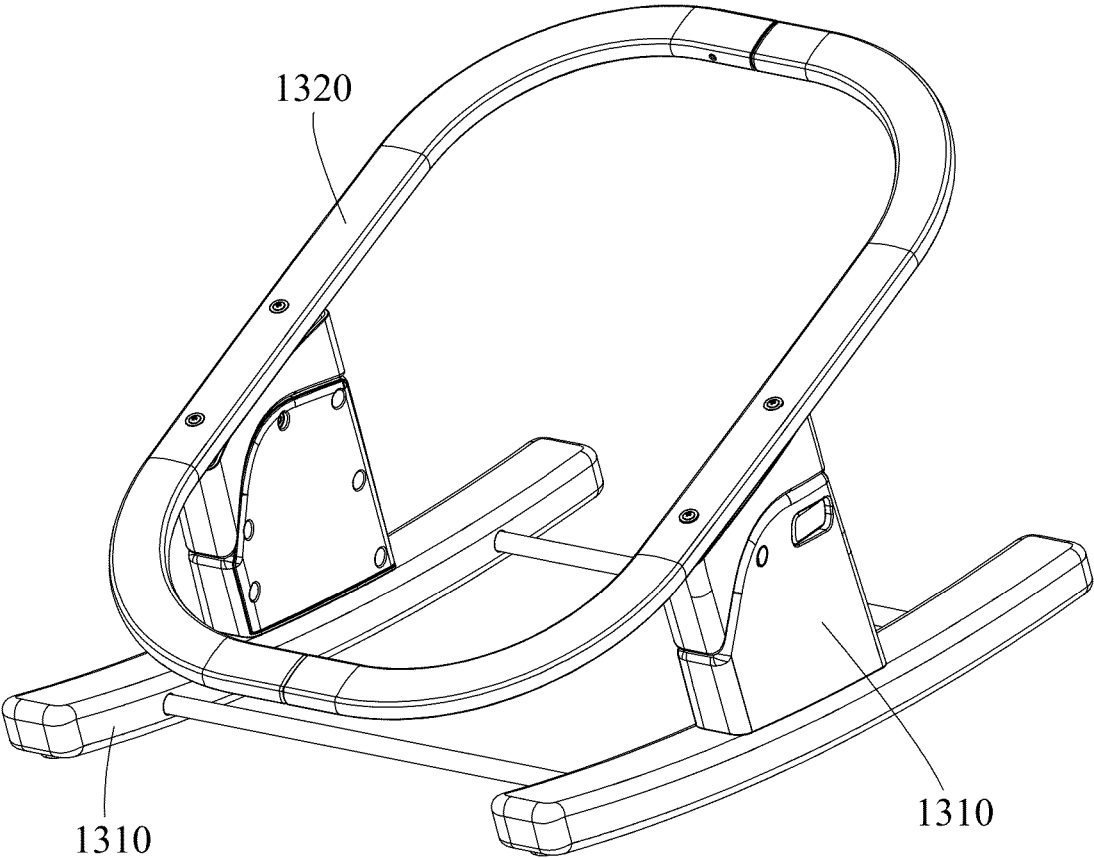


FIG. 19

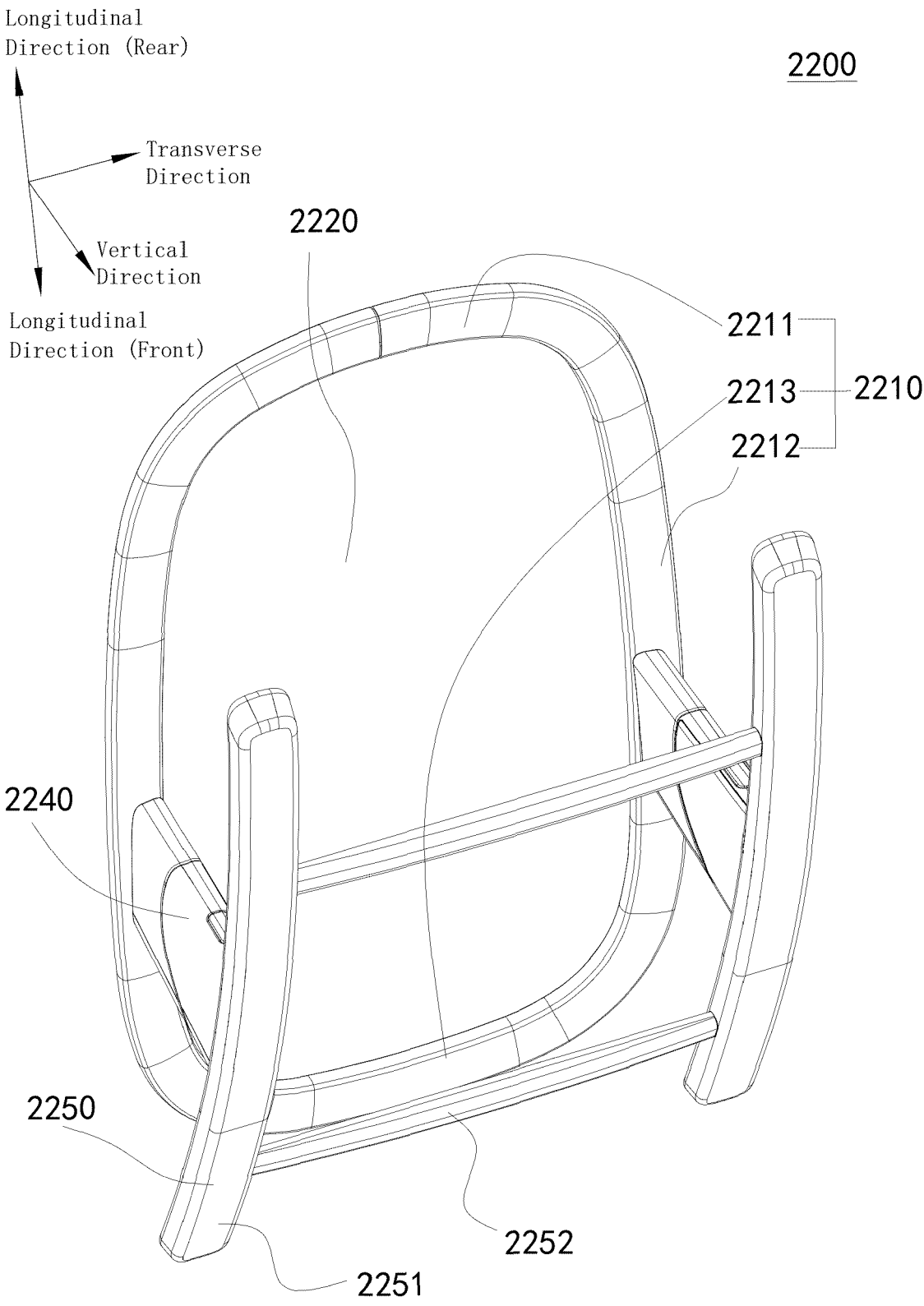


FIG. 20

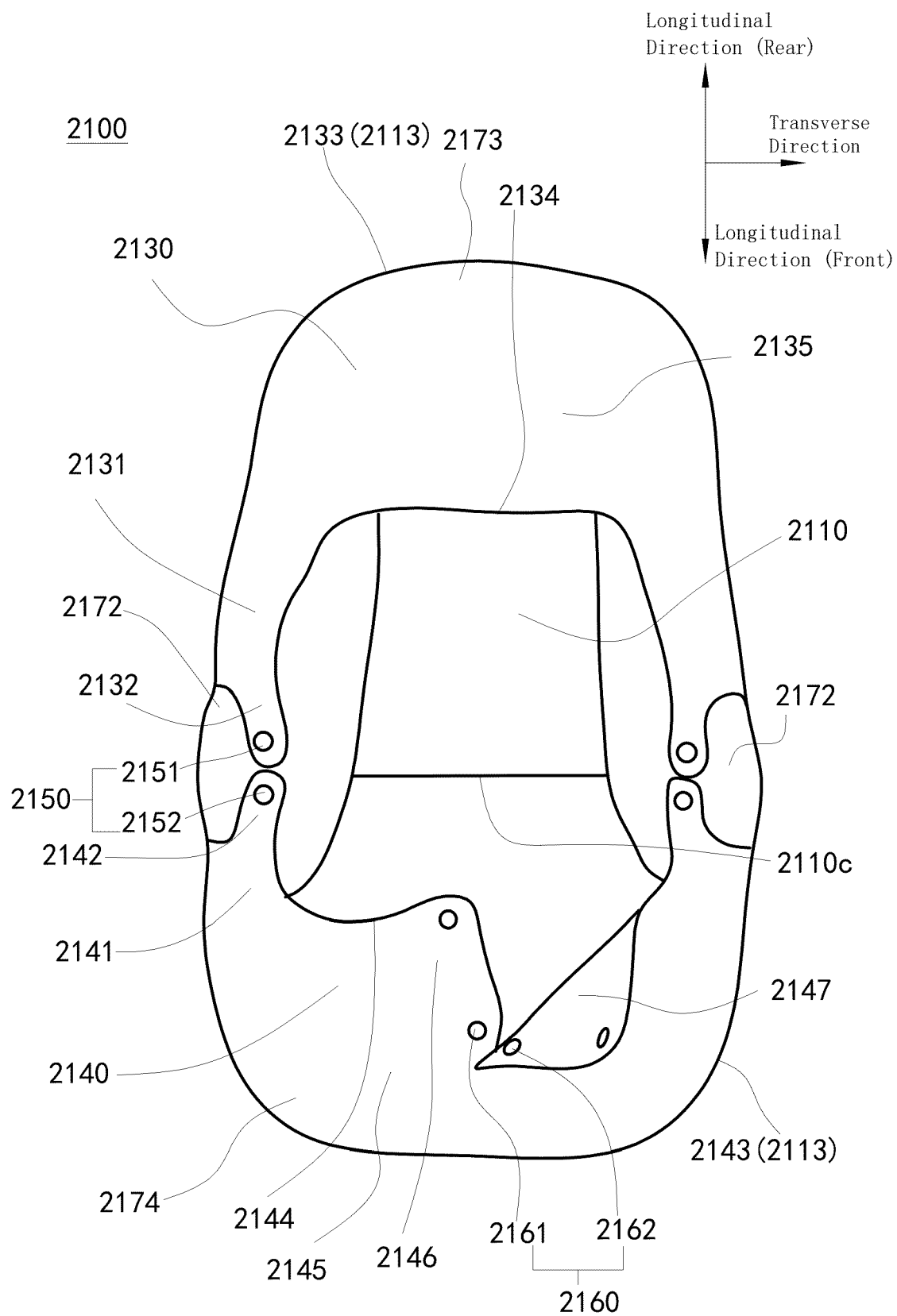


FIG. 21

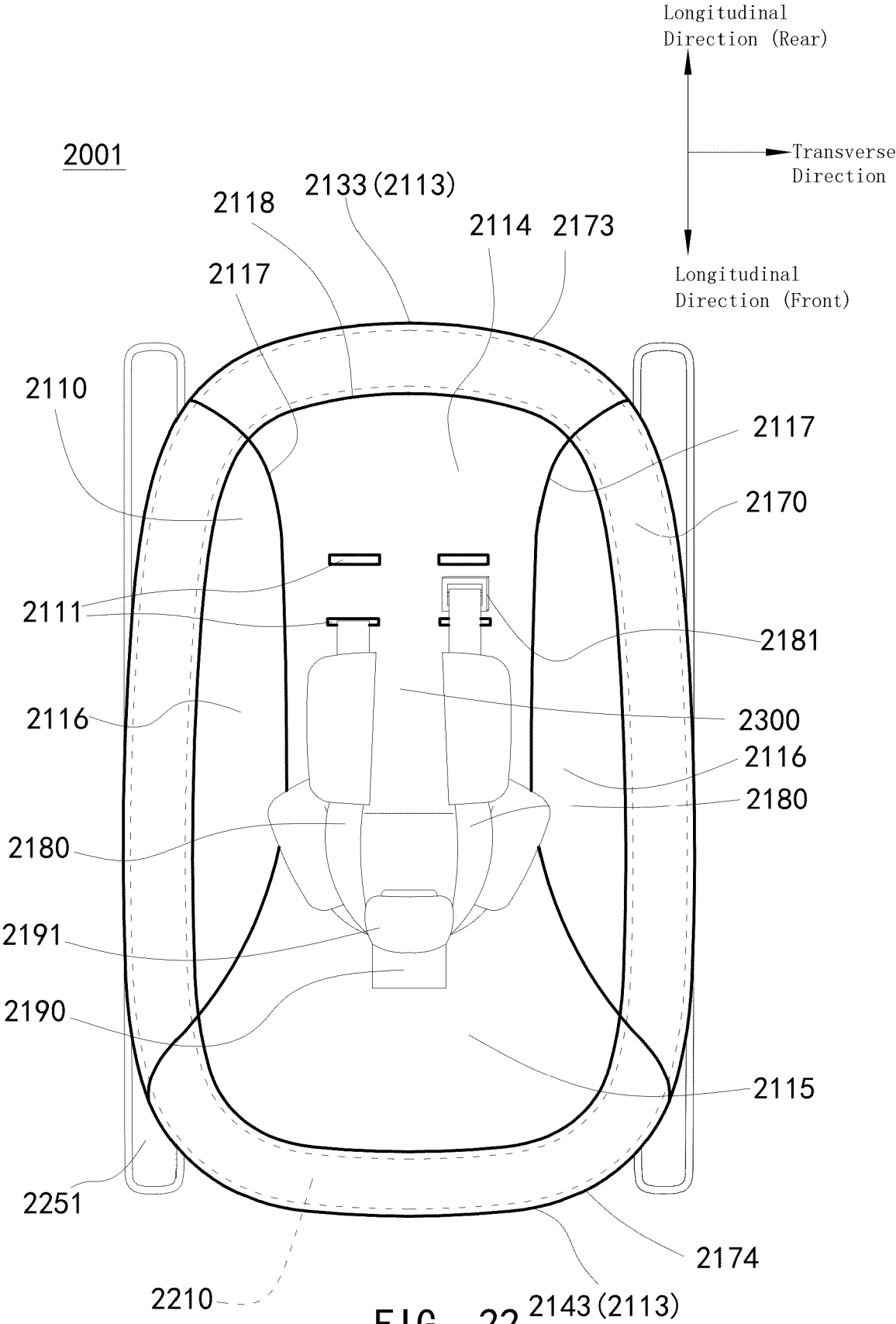


FIG. 22

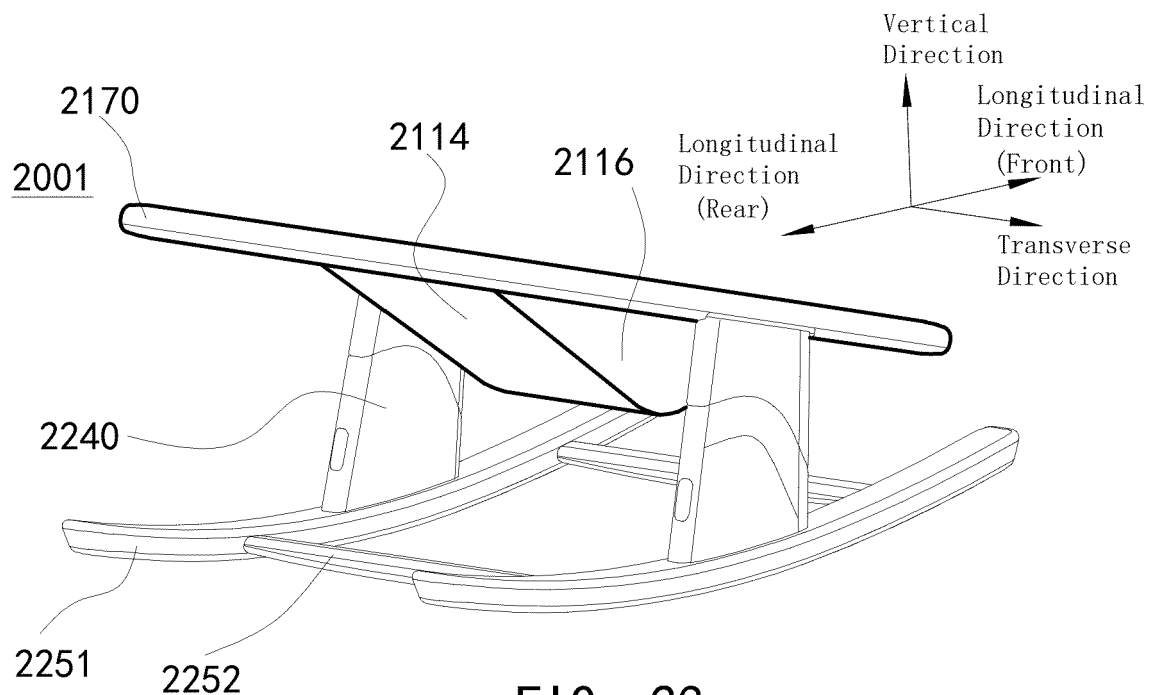


FIG. 23

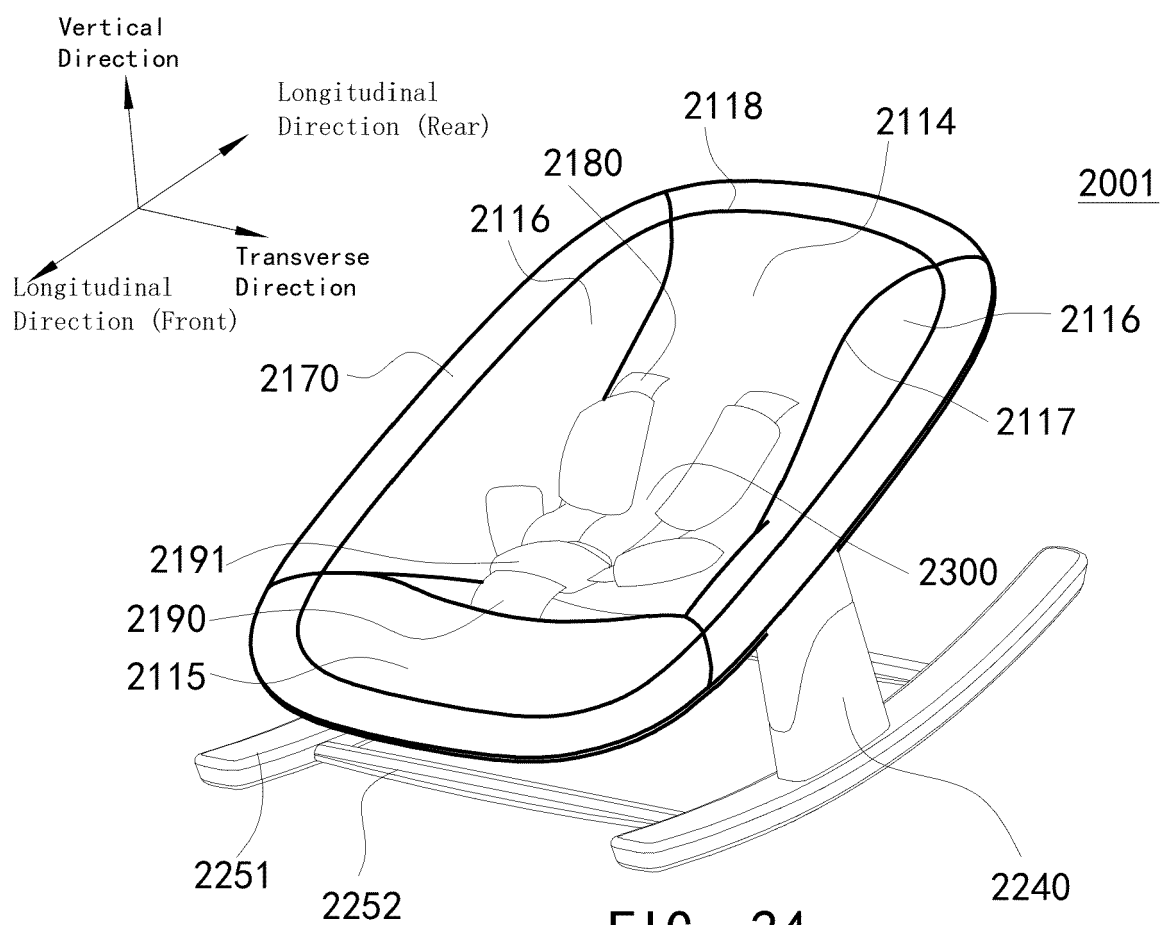


FIG. 24

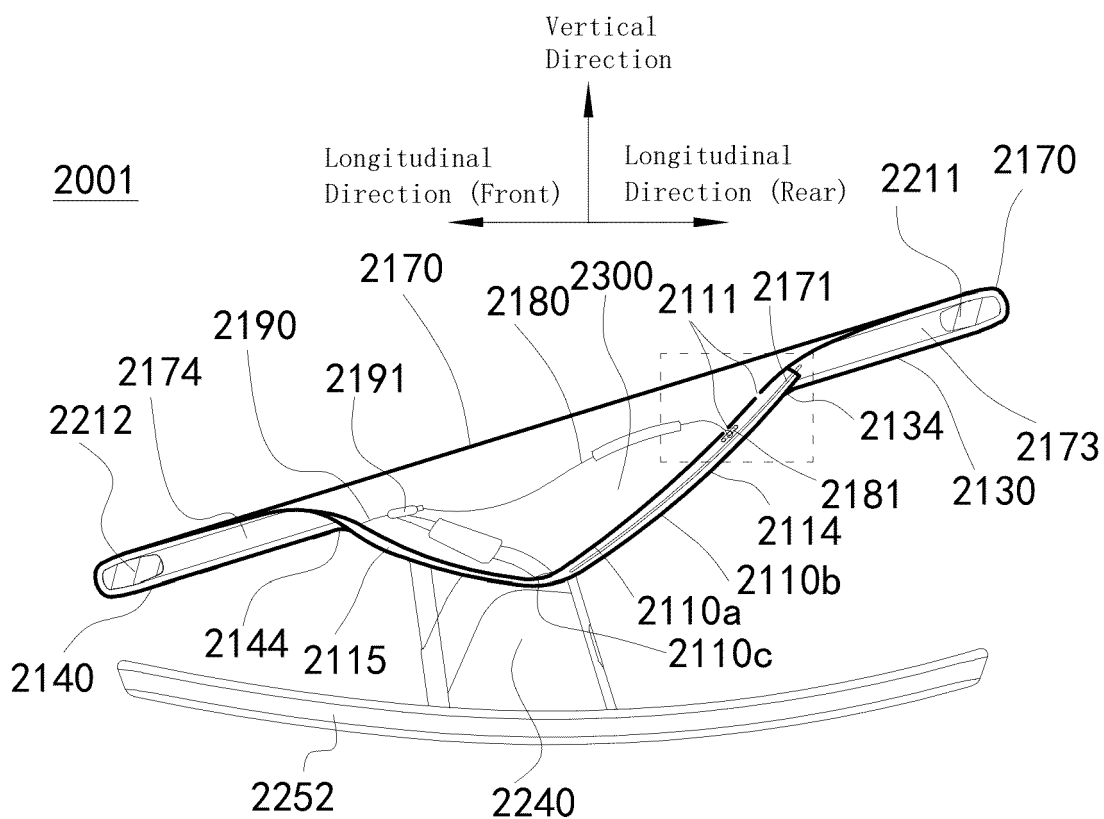


FIG. 25

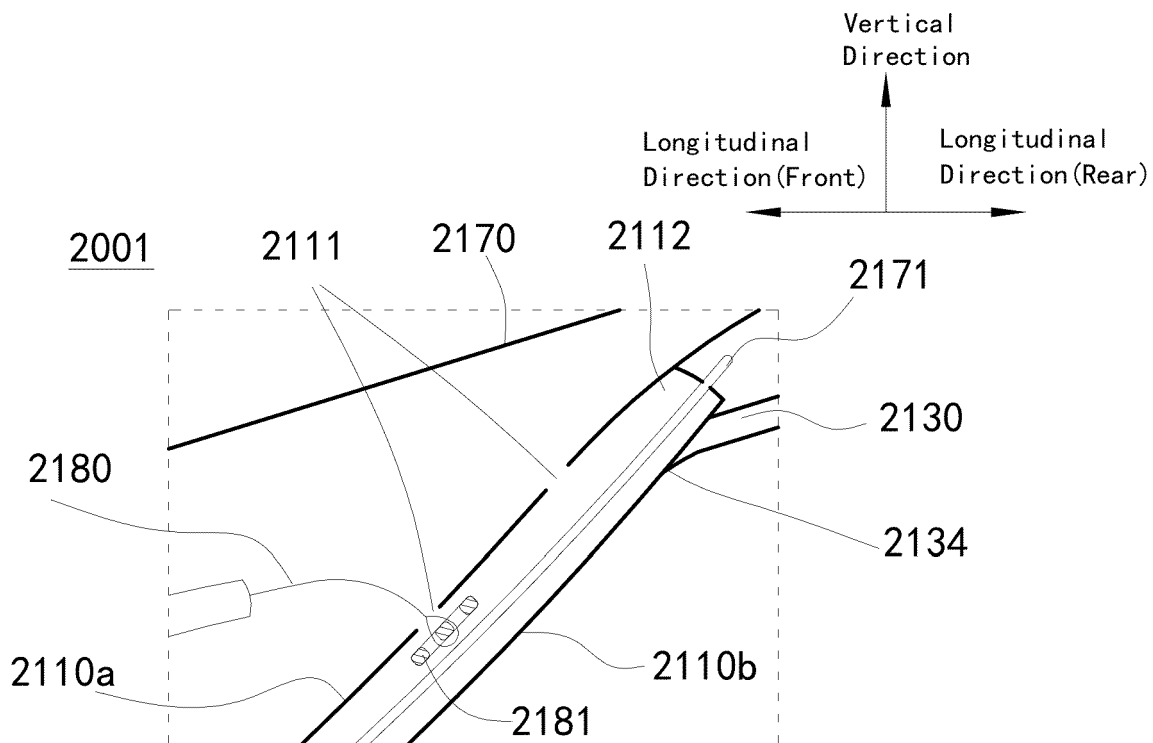


FIG. 26

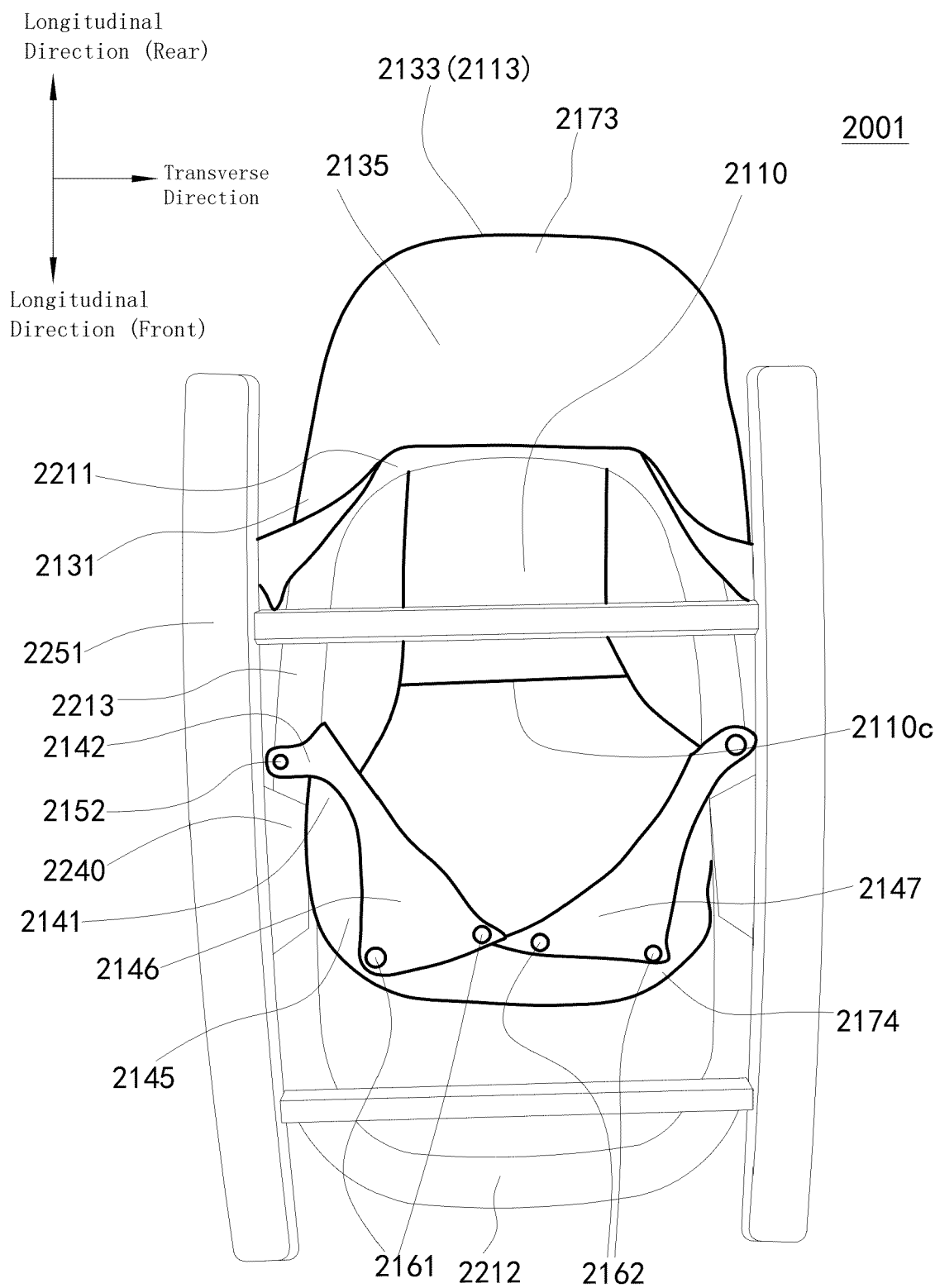


FIG. 27

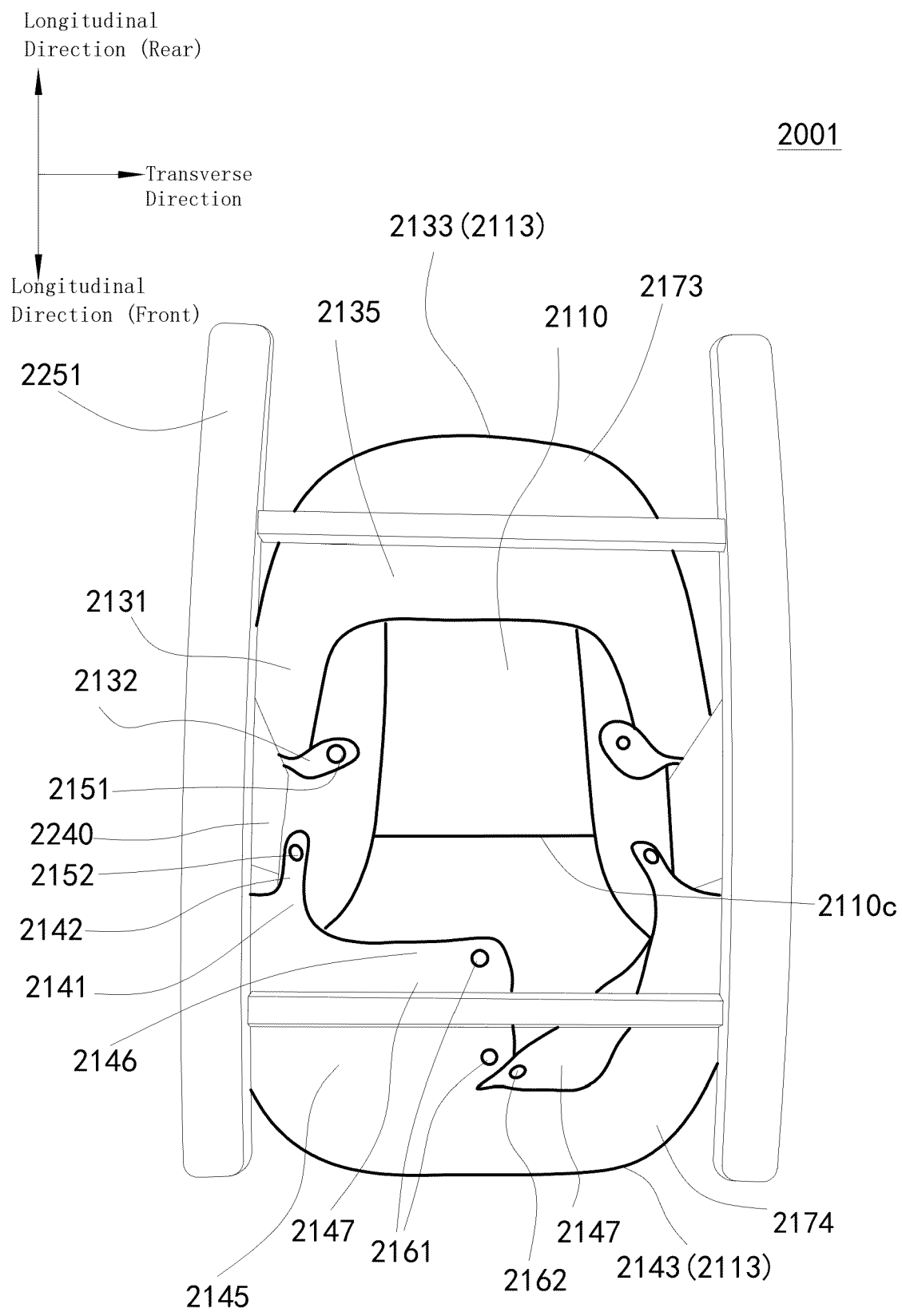


FIG. 28

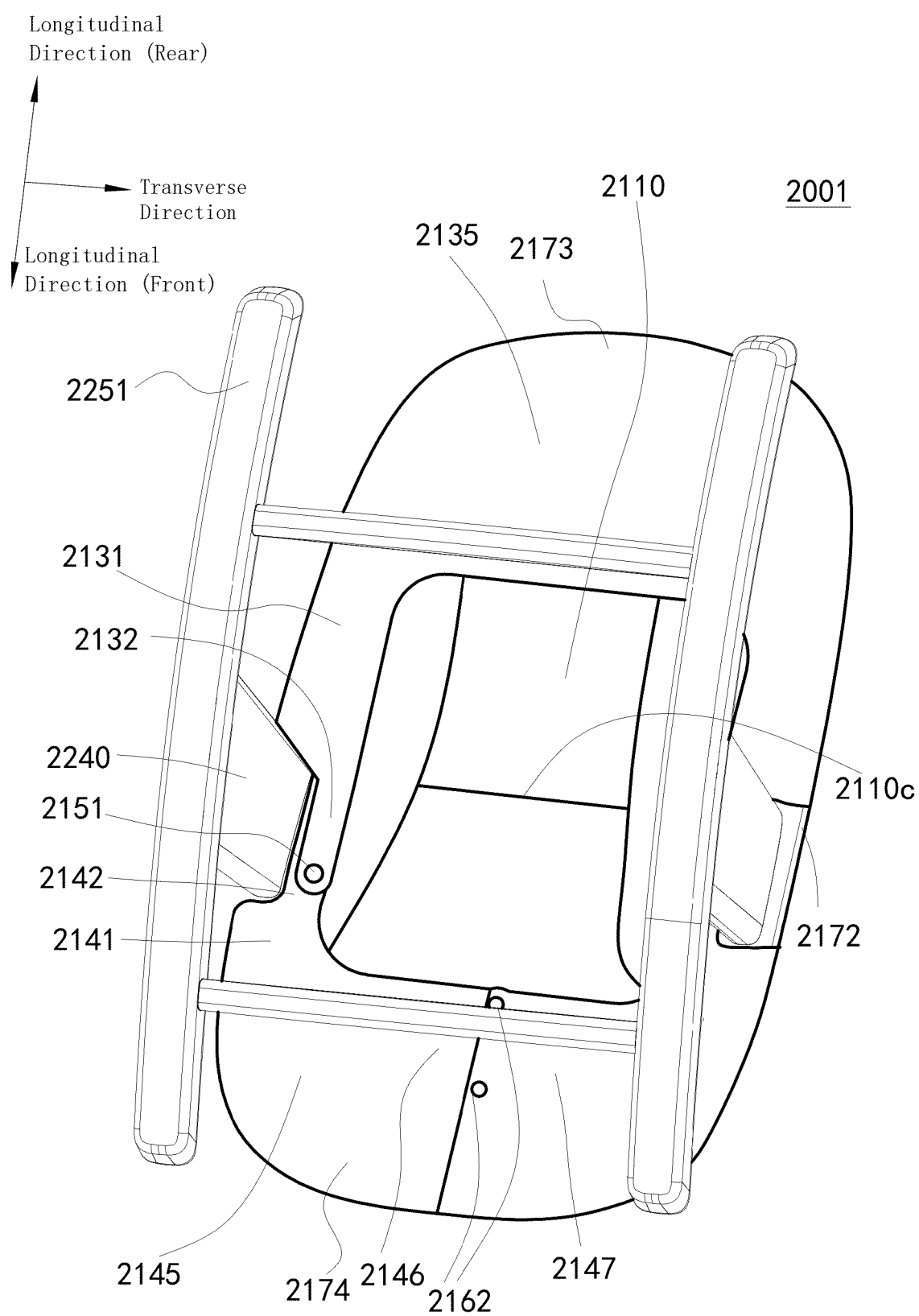


FIG. 29

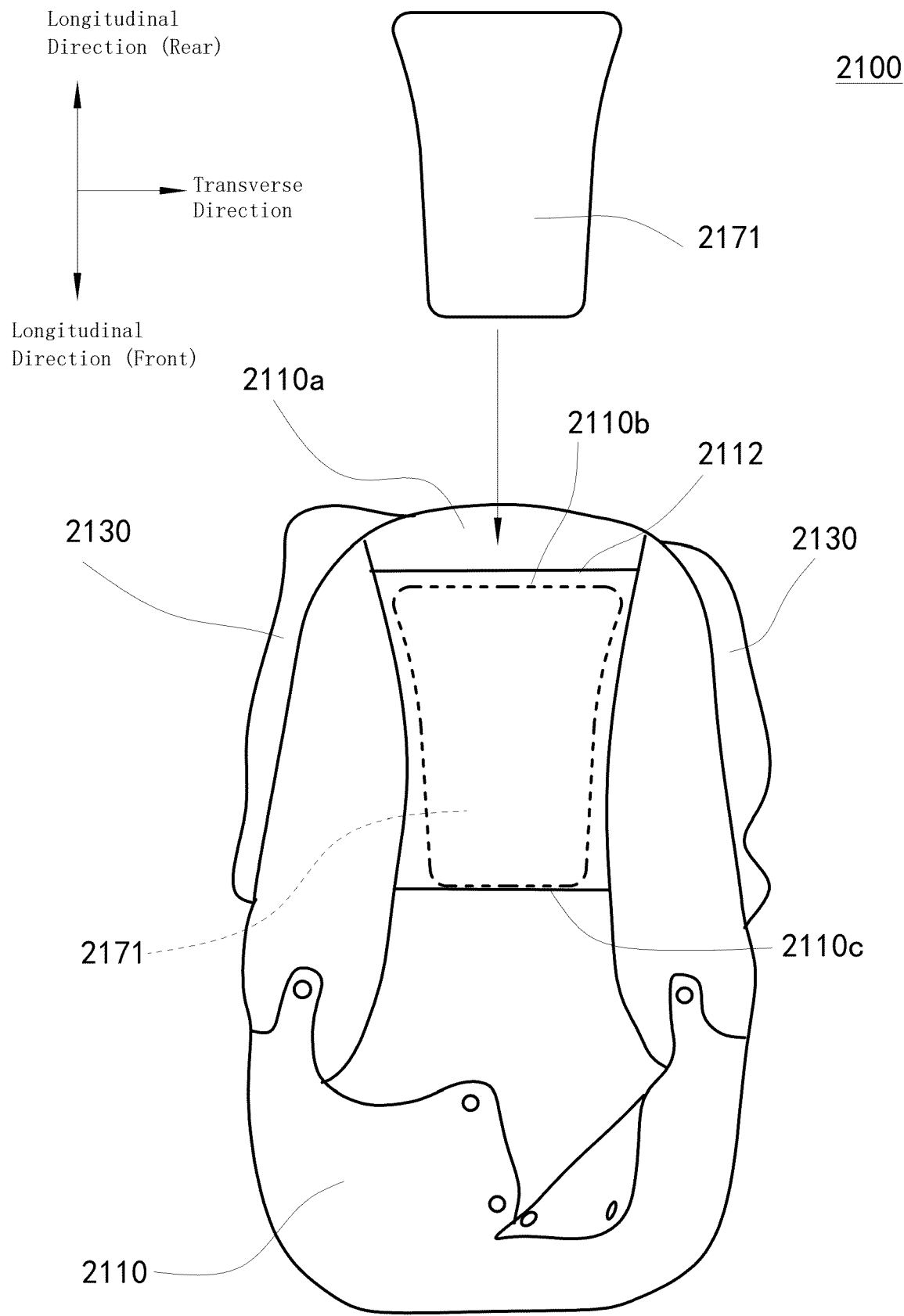


FIG. 30