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Lee

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(54) **INFANT CARRIER**

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A47D 13/02 (2006.01)

(52) **U.S. Cl.**
CPC ***A47D 13/025*** (2013.01)

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USPC 224/158–161
See application file for complete search history.

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(57) **ABSTRACT**

An infant carrier includes a waist-worn member having a circumferential length capable of wrapping at least a part of a waist of a user, and a tightening unit configured to selectively bring the waist-worn member into close contact with the waist of the user, wherein the tightening unit includes a cable member, a hooking part configured to movably support the cable member, and an adjustment part configured to adjust the circumferential length of the waist-worn member by winding or unwinding the cable member.

9 Claims, 6 Drawing Sheets

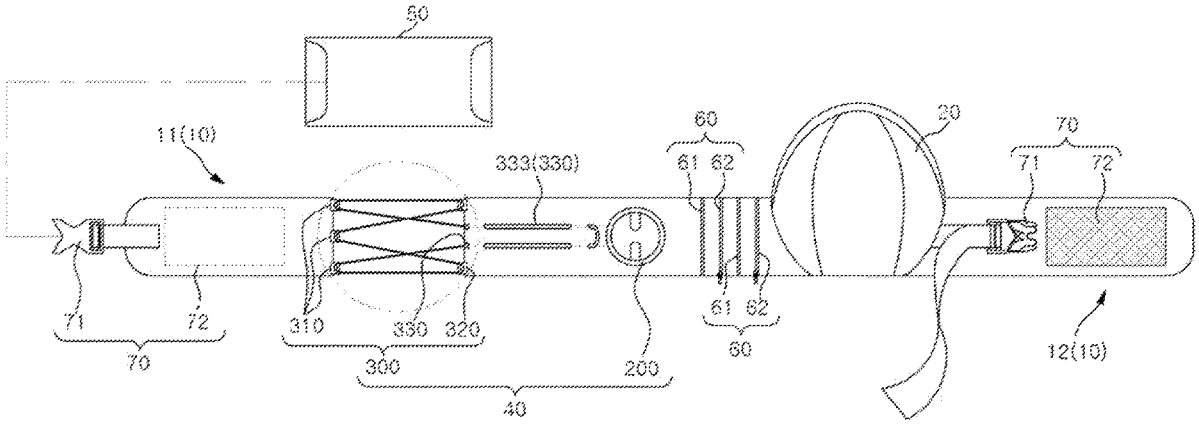
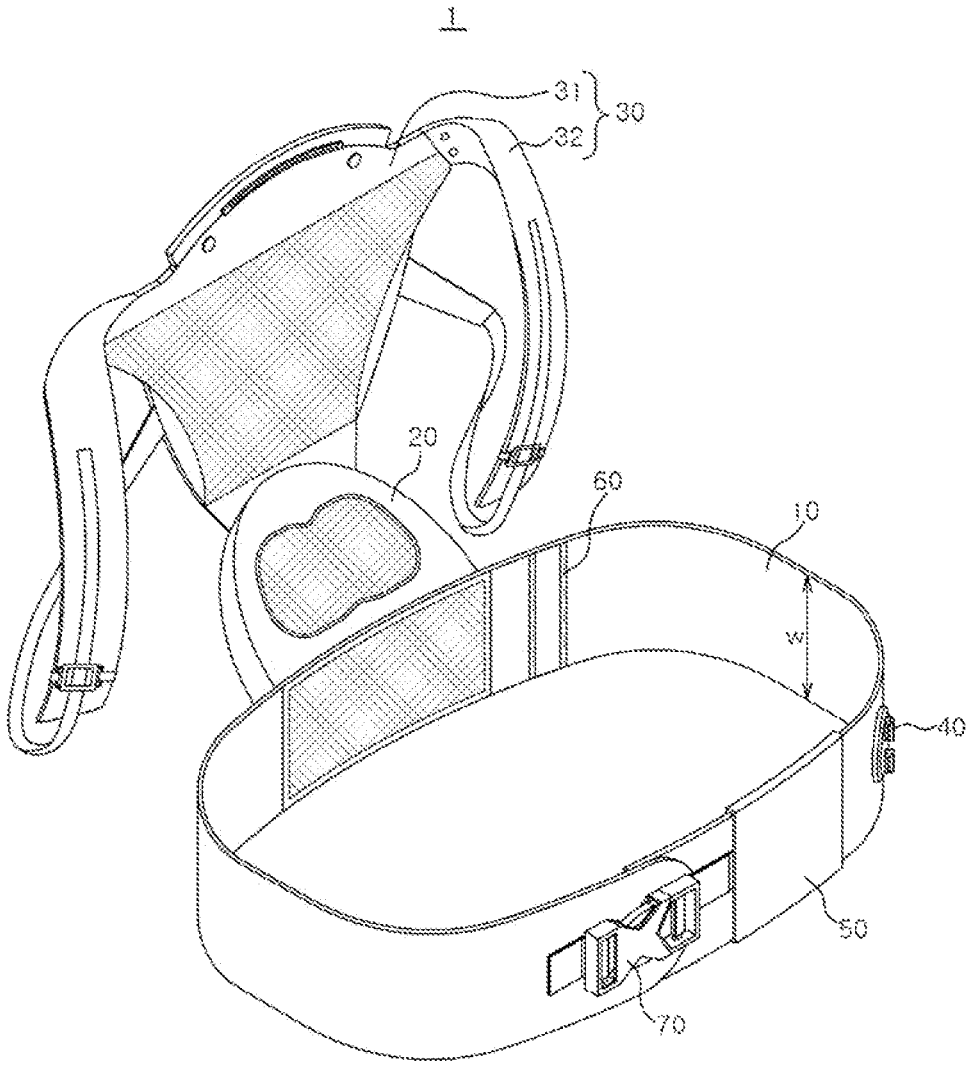


FIG. 1



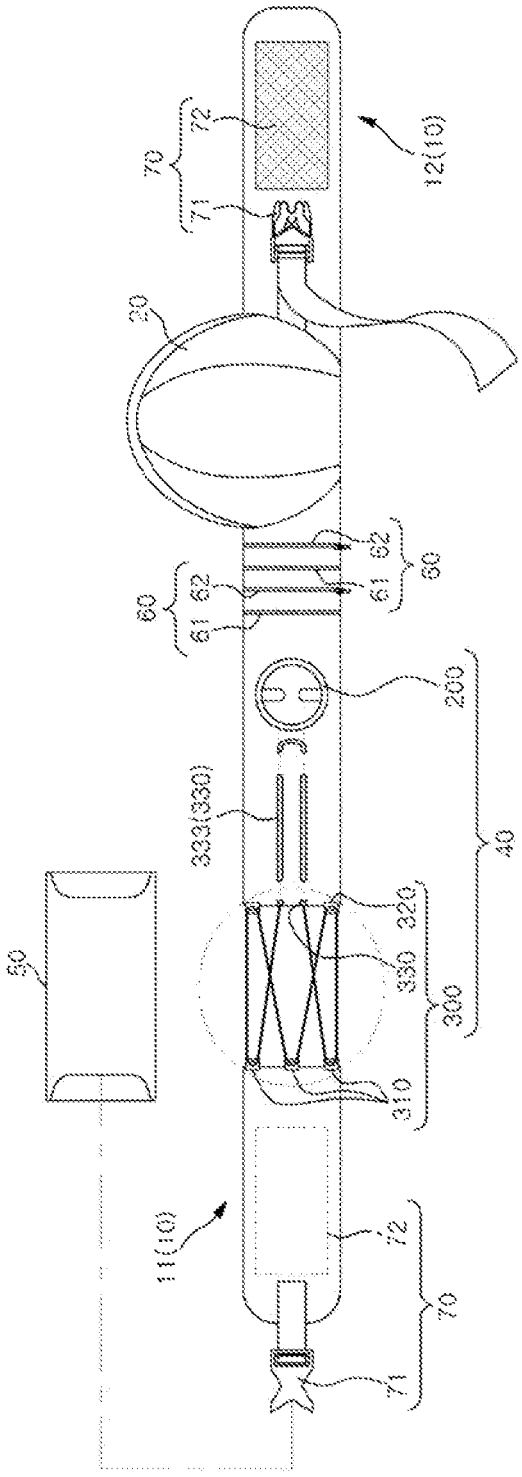

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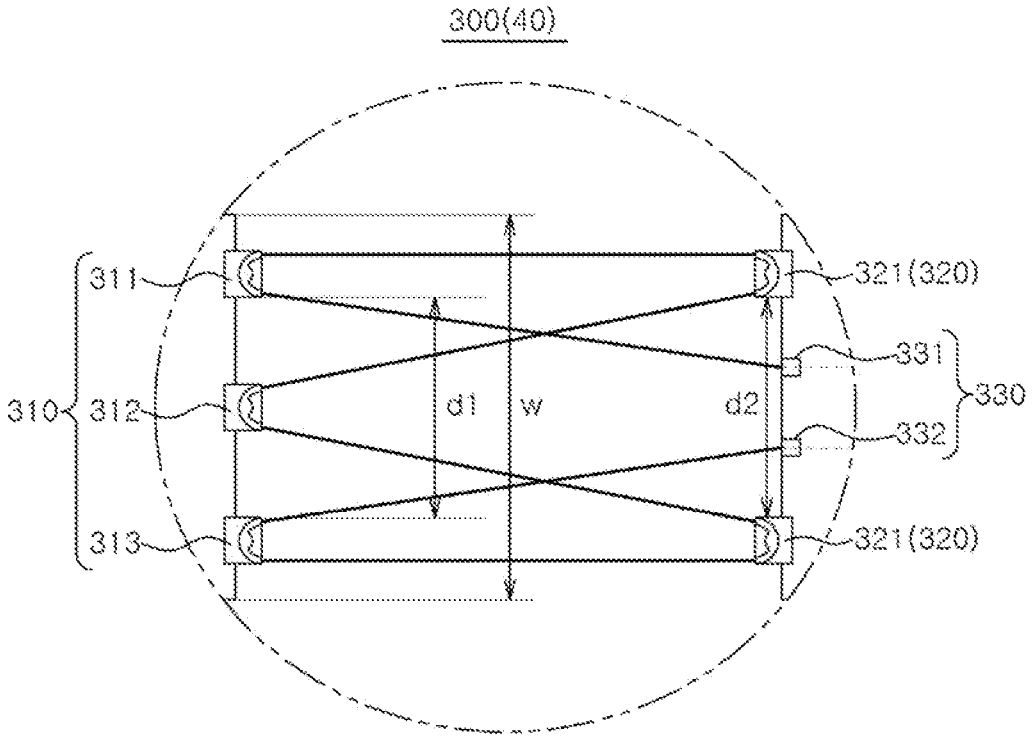
FIG. 2

FIG. 3



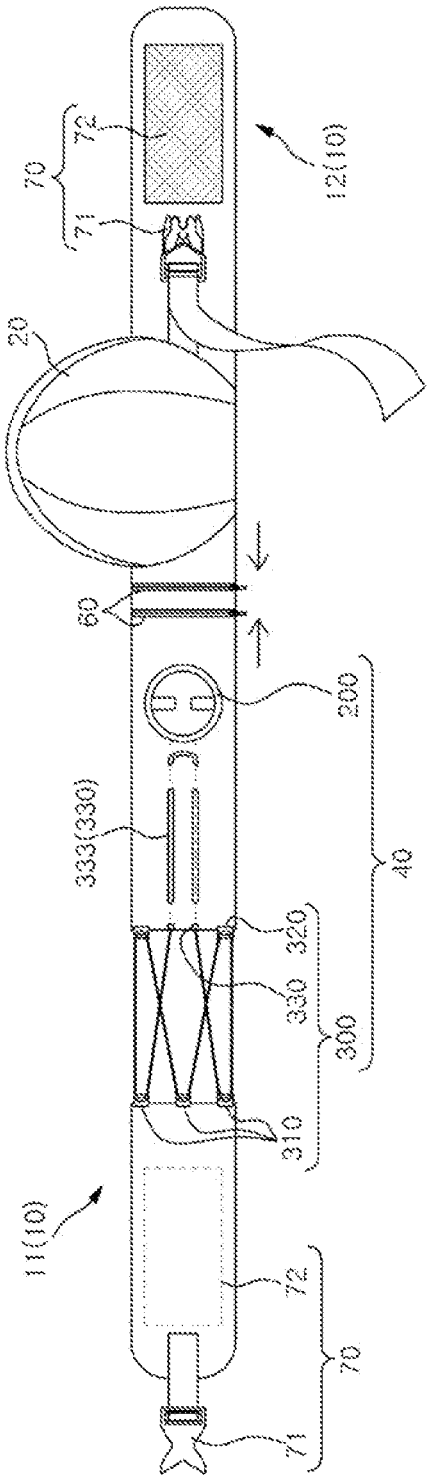


FIG. 4

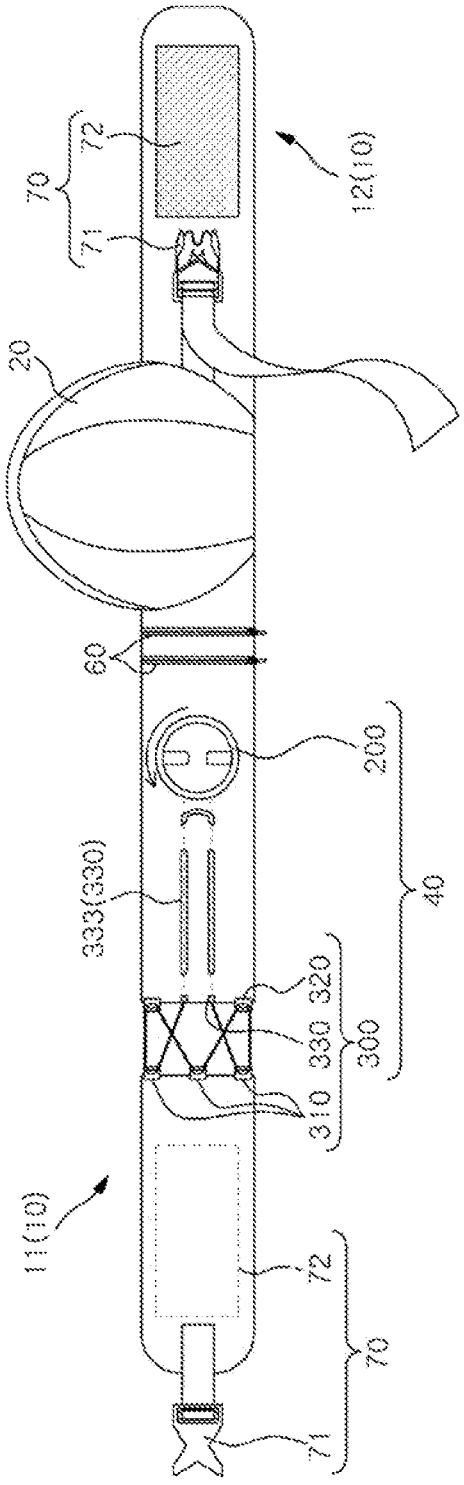
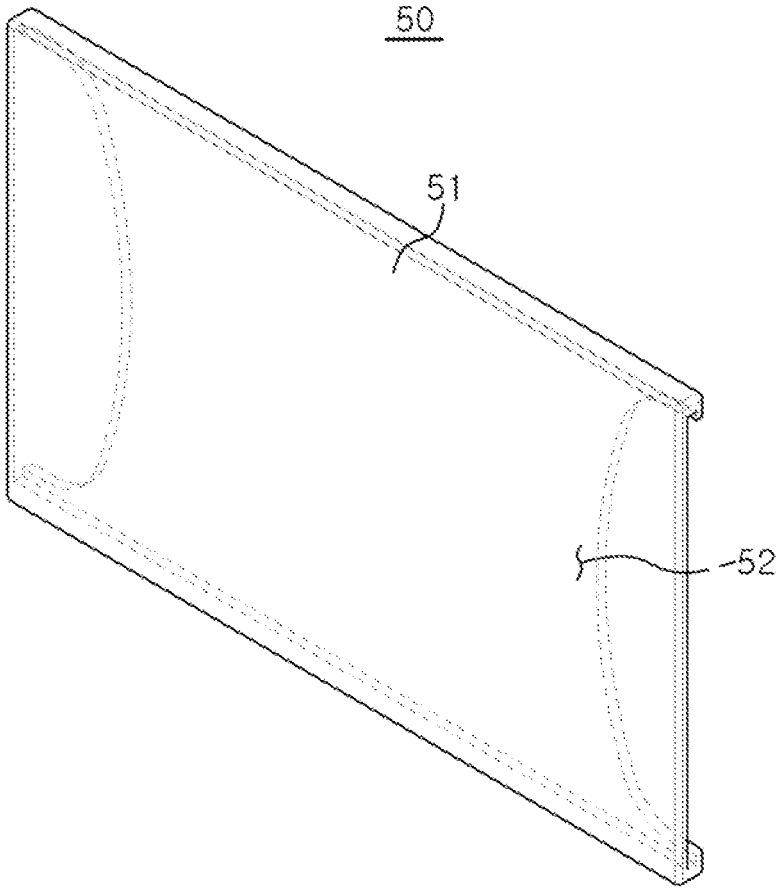


FIG. 5

FIG. 6



INFANT CARRIER

TECHNICAL FIELD

The present disclosure relates to an infant carrier.

BACKGROUND

In general, an infant carrier is suitable for carrying an infant on the user's chest or carrying an infant on the user's back for the sake of convenience and safety when an infant who cannot walk goes out.

In the case of a conventional typical infant carrier, the infant's weight is mostly transmitted to the shoulder of a guardian through a shoulder belt, and the guardian tilts the upper body backward or forward to maintain a balance depending on the posture of holding the infant on the chest or the back. As a result, there is a problem that excessive strain occurs on the backbone of the guardian and the infant carrier is very inconvenient to wear. In particular, as the infant grows, the weight increases. Therefore, there is a problem that an excessive load acts on the user's waist due to the infant's weight when holding an infant who has grown to some extent.

SUMMARY

The embodiments of the present disclosure have been conceived to solve the aforementioned problems of the related art, and provide an infant carrier capable of distributing the infant's load and alleviating the user's body burden.

Furthermore, the embodiments of the present disclosure provide an infant carrier capable of allowing the length of a waist-worn member to be adjusted easily and more precisely than that of the conventional infant carrier.

According to one aspect of the present disclosure, there is provided an infant carrier, including: a waist-worn member provided so as to be worn on a waist of a user and including a first worn part and a second worn part; and a tightening unit provided on the waist-worn member and configured to adjust a circumferential length of the waist-worn member when the waist-worn member is worn on the waist of the user, wherein the tightening unit includes a cable member configured to connect the first worn part and the second worn part, a hooking part configured to movably support the cable member passing therethrough, an adjustment part configured to wind the cable member and adjust the circumferential length of the waist-worn member by selectively unwinding at least a part of the cable member, and a cover selectively connected to the waist-worn member to cover at least a part of the tightening unit, and the cover includes a connection portion configured to be connectable to the waist-worn member, and a waist support portion configured to support the waist of the user between the waist-worn member and the waist of the user.

According to the embodiments of the present disclosure, it is possible to alleviate the body burden of the user of the infant carrier.

Furthermore, it is possible to allow the length of a waist-worn member of the infant carrier to be adjusted easily and more precisely than that of the conventional infant carrier.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. **1** is a perspective view conceptually showing an infant carrier according to one embodiment of the present disclosure.

FIG. **2** shows a state in which a cover is removed when a waist-worn member of the infant carrier of FIG. **1** is unfolded.

FIG. **3** is an enlarged view of a cable member and hooking parts shown in FIG. **2**.

FIG. **4** is a perspective view conceptually showing the cover of the infant carrier shown in FIG. **1**.

FIG. **5** is a conceptual diagram showing a state in which the circumferential length of the waist-worn member is reduced by fastening a length selection unit of the infant carrier shown in FIG. **1**.

FIG. **6** is a conceptual diagram showing a state in which the circumferential length of the waist-worn member is further reduced by operating a tightening unit of the infant carrier shown in FIG. **5**.

DETAILED DESCRIPTION

Hereinafter, specific embodiments for implementing the spirit of the present disclosure will be described in detail with reference to the drawings.

In addition, in describing the present disclosure, if it is determined that a detailed description of a related known configuration or function may obscure the subject matter of the present disclosure, the detailed description thereof will be omitted.

In addition, when one component is referred to as being 'connected to', 'supported by' or 'in contact with' another component, it should be understood that one component may be directly connected to, supported by or in contact with another component and a further component may exist between one component and another component.

The terms used in the subject specification are only used to describe specific embodiments, and are not intended to limit the present disclosure. Singular expressions include plural expressions unless the context clearly indicates otherwise.

In addition, in the subject specification, expressions such as upper side, lower side, side surface, and the like are defined with reference to the illustration in the drawings. It should be noted that if the direction of the corresponding object is changed, the object may be expressed differently. For the same reason, some components in the accompanying drawings are exaggerated, omitted, or schematically illustrated. The size of each component does not thoroughly reflect the actual size.

In addition, the terms including ordinal numbers such as first and second may be used to describe various components, but the corresponding components are not limited by such terms. These terms are only used for the purpose of distinguishing one component from another.

The meaning of 'comprise' as used in the specification specifies a specific characteristic, region, integer, step, operation, element and/or component, and does not exclude the existence or addition of other specific characteristic, region, integer, step, operation, element, component and/or group.

Hereinafter, a specific configuration of an infant carrier according to one embodiment of the present disclosure will be described with reference to the drawings.

Referring first to FIG. **1**, the infant carrier **1** according to one embodiment of the present disclosure may be used to move an infant. A user may fix the infant carrier around the waist, seat an infant on the infant carrier and move the infant. This infant carrier **1** may include a waist-worn

member **10**, a hip seat **20**, a carrier blanket **30**, a tightening unit **40**, a cover **50**, a length selection unit **60**, and a connector **70**.

The waist-worn member **10** may be formed to cover all or part of the user's waist when the user wears the infant carrier **1**. The waist-worn member **10** may include a first worn part **11** and a second worn part **12** connected to each other by a cable member **100** to be described later. In addition, the waist-worn member **10** may be configured to be fastened to the user's waist while being supported by the user's waist. Moreover, the circumferential length of the waist-worn member **10** may be adjusted by the tightening unit **40** and the length selection unit **60**. In addition, the waist-worn member **10** may be formed to extend to both sides of the hip seat **20**, and may have a belt shape having opposite ends.

The hip seat **20** may support the infant's load. The hip seat **20** may be connected to the outer circumferential surface of the waist-worn member **10** and may support the hips of the infant. The hip seat **20** may include a foam for firmly maintaining its shape and a fabric covering the foam. On the upper side of the hip seat **20**, there may be provided a seat member that provides a fluffy feeling when the infant's hips are seated on the hip seat **20**. The seat member may be made of a material such as Styrofoam, for example.

When viewed from one side, the lower surface of the hip seat **20** may be formed in a gently curved shape, and the upper surface of the hip seat **20** may be formed in a flat shape so as to inclined upward as it extends away from the user when the hip seat **20** is worn by the user and brought into close contact with the user's body. Accordingly, when the infant is seated on the hip seat **20**, the infant's upper body is inclined toward the user's body, thereby providing comfort and stability to the infant.

The carrier blanket **30** can support the infant's body. The carrier blanket **30** may include a support **31** for supporting the back or hips of an infant, and a shoulder strap **32** connected to the support **31** and attached to the shoulder of the user. The shoulder strap **32** may be configured to be adjustable in length.

In the drawings showing the present embodiment, it is shown that the carrier blanket **30** is connected to the hip seat **20** which in turn is connected to the waist-worn member **10**. However, in some cases, one of the hip seat **20** and the carrier blanket **30** may be configured to be selectively removable or may be omitted. In addition, when the hip seat **20** is omitted, the carrier blanket **30** is connected to the waist-worn member **10** so that the carrier blanket **30** can support the hips and the back of the infant. When the carrier blanket **30** is omitted, the infant's hips can be seated on the hip seat **20** without the carrier blanket **30**.

Referring further to FIGS. **2** and **3**, the tightening unit **40** may adjust the circumferential length of the waist-worn member **10**. In addition, the adjustment of the circumferential length of the waist-worn member **10** may be performed by operating the tightening unit **40** while the user is wearing the infant carrier **1**. The tightening unit **40** may include a cable member **100**, an adjustment part **200** and a hooking part **300**.

One side of the cable member **100** may be connected to the adjustment part **200**. The cable member **100** may be wound in the adjustment part **200** by rotating the adjustment part **200**. Furthermore, the cable member **100** may extend from the adjustment part **200**, may sequentially pass through an end-side cable guide (first cable guide **331**), a first hooking arrangement **310**, a second hooking arrangement **320** and an end-side cable guide (second cable guide **332**), and may extend to the adjustment part **200** again. In addition, the cable member **100** may extend so as to alternately pass through the first hooking arrangement **310** and the second hooking arrangement **320**. This cable member **100** may be formed of a wire.

The adjustment part **200** may adjust the circumferential length of the waist-worn member **10** by winding or unwinding the cable member **100**. The adjustment part **200** may be disposed on the outer circumferential surface of the waist-worn member **10**, and may be disposed closer to the second hooking arrangement **320** than the first hooking arrangement **310** of the hooking part **300**. In addition, the adjustment of the circumferential length of the waist-worn member **10** by the adjustment part **200** may be performed even when the user wears the infant carrier **1**. The adjustment part **200** is configured to wind the cable member **100** by rotating in one direction (e.g., clockwise) and to unwind the cable member **100** by rotating in the other direction (e.g., counterclockwise).

In addition, the adjustment part **200** may be placed in a locked state or an unlocked state by a stopper (not shown) that can selectively limit rotation of the adjustment part **200** in the other direction. Such a stopper may be disposed inside the adjustment part **200**. For example, the stopper may include a groove and a protrusion which are engaged with each other when the adjustment part **200** is in a locked state and which are spaced apart from each other when the adjustment part **200** is in an unlocked state. When in the locked state, the stopper may allow rotation of the adjustment part **200** in one direction to reduce the circumferential length of the waist-worn member **10** of the adjustment part **200**, but may limit rotation of the adjustment part **200** in the other direction to increase the circumferential length of the waist-worn member **10** of the adjustment part **200**. In addition, when in the unlocked state, the stopper may allow rotation of the adjustment part **200** both in one direction and in the other direction. The stopper can prevent the adjustment part **200** from rotating arbitrarily in the locked state, and can prevent the cable member **100** from being unwound.

The adjustment part **200** may be configured to be selectively movable away from the waist-worn member **10**. The adjustment part may be placed in the locked state when the adjustment part **200** is moved in one of the direction away from the waist-worn member **10** and the direction toward the waist-worn member **10** (e.g., in the direction toward the waist-worn member **10**), and may be placed in the unlocked state when the adjustment part **200** is moved in the other of the direction away from the waist-worn member **10** and the direction toward the waist-worn member **10** (e.g., in the direction away from the waist-worn member **10**).

When the user wants to reduce the circumferential length of the waist-worn member **10**, the adjustment part **200** may be placed in the locked state by moving the adjustment part **200** in one of the direction away from the waist-worn member **10** and the direction toward the waist-worn member **10** (e.g., in the direction toward the waist-worn member **10**), and the cable member **100** may be wound by rotating the adjustment part **200**. As the cable member **100** is wound around the adjustment part **200**, the distance between the first hooking arrangement **310** and the second hooking arrangement **320** may be shortened to reduce the circumferential length of the waist-worn member **10**.

On the other hand, when the user wants to increase the circumferential length of the waist-worn member **10**, the adjustment part **200** may be placed in the unlocked state by moving the adjustment part **200** in the other of the direction away from the waist-worn member **10** and the direction toward the waist-worn member **10** (e.g., in the direction

away from the waist-worn member **10**), and the cable member **100** may be unwound by rotating the adjustment part **200**. As the cable member **100** is unwound from the adjustment part **200**, the distance between the first hooking arrangement **310** and the second hooking arrangement **320** may be increased to increase the circumferential length of the waist-worn member **10**.

Since the adjustment part **200** adjusts the circumferential length of the waist-worn member **10** by adjusting the winding degree of the cable member **100**, it is possible to finely adjust the circumferential length of the waist-worn member **10**.

The hooking part **300** may support the cable member **100** in a movable manner. The hooking part **300** may include a first hooking arrangement **310**, a second hooking arrangement **320** and a guide part **330**.

The first hooking arrangement **310** may guide the cable member **100** and may be formed to allow the cable member **100** to pass therethrough. The first hooking arrangement **310** is disposed on the side of one end of the waist-worn member **10** and may include at least one ring. The first hooking arrangement **310** may be disposed at an end portion of the first worn part **11** on the side of the second worn part **12**. In the case where a plurality of rings is provided in the first hooking arrangement **310**, the distance between the rings may be set to be smaller than the average width of the waist-worn member **10**. For example, the first hooking arrangement **310** may include a first ring **311**, a second ring **312** and a third ring **313**. The first to third rings **313** may guide the movement of the cable member **100** so that the extension direction of the cable member **100** is changed. The cable member **100** may extend in a direction away from the second hooking arrangement **320**, pass through the first to third rings **311**, **312** and **313**, and then extend in a direction toward the second hooking arrangement **320**. The first to third rings **311**, **312**, and **313** may be sequentially arranged along the width direction of the waist-worn member **10**, and may be spaced apart from each other. In addition, as shown in FIG. **3**, the distance d**1** in the width direction of the waist-worn member **10** between the first ring **311** and the third ring **313** may be smaller than the average width w of the waist-worn member **10**.

The second hooking arrangement **320** may guide the cable member **100** and may be formed to allow the cable member **100** to pass therethrough. The second hooking arrangement **320** may be disposed on the side of the other end of the waist-worn member **10** and may include at least one ring. The second hooking arrangement **320** may be disposed at an end of the second worn part **12** on the side of the first worn part **11**. In the case where a plurality of rings is provided in the second hooking arrangement **320**, the distance between the rings may be set to be smaller than the average width of the waist-worn member **10**. For example, the second hooking arrangement **320** may include a fourth ring **321** and a fifth ring **322**. The fourth and fifth rings **321** and **322** may guide the movement of the cable member **100** so that the extension direction of the cable member **100** is changed. The fourth ring **321** may be disposed to face the first ring **311**, and the fifth ring **322** may be disposed to face the third ring **313**. The cable member **100** may extend in a direction away from the first hooking arrangement **310**, pass through the fourth and fifth rings **321** and **322**, and then extend in a direction toward the first hooking arrangement **310**. The fourth and fifth rings **321** and **322** may be arranged along the width direction of the waist-worn member **10** and may be spaced apart from each other. Furthermore, the fourth and fifth rings **321** and **322** may be disposed on both sides of the guide part **330** in the width direction of the waist-worn member **10**. In addition, as shown in FIG. **3**, the distance d**2** in the width direction of the waist-worn member **10** between the fourth ring **321** and the fifth ring **322** may be smaller than the average width w of the waist-worn member **10**.

The distance between the first hooking arrangement **310** and the second hooking arrangement **320** may be changed by winding or unwinding the cable member **100**. In addition, the first hooking arrangement **310** and the second hooking arrangement **320** are wound with the cable member **100** and are not limited when moving toward each other. Therefore, the cable member **100** may be wound until the first hooking arrangement **310** and the second hooking arrangement **320** make contact with each other. Accordingly, the tightening unit **40** may be configured such that the distance between the first hooking arrangement **310** and the second hooking arrangement **320** is adjustable to a wider extent.

The guide part **330** may guide the cable member **100** extending from the adjustment part **200** toward the first hooking arrangement **310** and the second hooking arrangement **320**. The guide part **330** may be arranged at the other end of the waist-worn member **10** provided with the second hooking arrangement **320** (e.g., at the end of the second worn part **12** on the side of the first worn part **11**). The guide part **330** may include end-side cable guides **331** and **332** and an intermediate cable guide **333**. In addition, the end-side cable guides **331** and **332** may include a first cable guide **331** and a second cable guide **332**. The end-side cable guides **331** and **332** may have a hole shape, and may be disposed to face the second ring **312** at the other end of the waist-worn member **10**.

The end-side cable guides **331** and **332** may guide the cable member **100** to move in a direction coming out from the other end of the waist-worn member **10** or to move in a direction entering the other end of the waist-worn member **10**. The intermediate cable guide **333** may extend from the adjustment part **200** toward the end-side cable guides **331** and **332**. The intermediate cable guide **333** may include a plurality of intermediate cable guides, one of which may guide the cable member **100** extending from the adjustment part **200** to the end-side cable guide (the first cable guide **331**) and the other of which may guide the cable member **100** extending from the adjustment part **200** to the end-side cable guide (the second cable guide **332**).

When the hooking part **300** includes a plurality of rings, the cable member **100** may extend in parallel like a zigzag shape. For example, when the first hooking arrangement **310** includes the first to third rings **311**, **312** and **313** and the second hooking arrangement **320** includes the fourth and fifth rings **321** and **322** as described above, the cable member **100** may extend from the adjustment part, may sequentially pass through the end-side cable guide (the first cable guide **331**), the first ring **311**, the fourth ring **321**, the second ring **312**, the fifth ring **322**, the third ring **313** and the end-side cable guide (the second cable guide **332**), and may extend back to the cable guide. Since the cable member **100** extends in parallel in this way, the circumferential length of the waist-worn member **10** can be adjusted more finely by the cable member **100**.

In the drawings showing the present embodiment, it is shown that both the first hooking arrangement **310** and the second hooking arrangement **320** are provided. However, as an alternative modification, the second hooking arrangement **320** may be omitted. In this case, the cable member **100** may extend from the adjustment part **200**, may sequentially pass through the end-side cable guide (the first cable guide **331**), the rings of the first hooking arrangement **310** and the

end-side cable guide (the second cable guide **332**), and may extend to the adjustment part **200** again.

Referring further to FIG. **4**, the cover **50** may cover at least a part of the tightening unit **40**. The cover **50** may be selectively connected to the waist-worn member **10**. For example, the cover **50** may cover the cable member **100** and the hooking part **300** of the tightening unit **40**. Such a cover **50** may be inserted into the waist-worn member **10**. The cover **50** may include a waist support portion **51** and a connection portion **52**. The connection portion **52** is provided so as to be connected to the waist-worn member **10** and may be formed to penetrate the cover **50** in one direction. The waist support portion **51** may have a shape of a slit having a width substantially equal to the width of the waist-worn member **10**. The waist support portion **51** may support the user's waist. The waist support portion **51** may include a shock-absorbing material therein. When the user wears the infant carrier **1**, the waist support portion **51** is disposed between the user's waist and the waist-worn member **10** to support the user's waist, thereby providing comfort to the user's waist.

The length selection unit **60** may adjust the circumferential length of the waist-worn member **10**. The length selection unit **60** may extend in the width direction and may include a first fastening portion **61** and a second fastening portion **62** that that can be selectively coupled to each other. The first fastening portion **61** and the second fastening portion **62** may be disposed on the outer circumferential surface of the waist wearing member **10**. In addition, the first fastening portion **61** and the second fastening portion **62** may extend across the circumferential direction of the waist-worn member **10** and may be disposed parallel to each other. For example, the first fastening portion **61** and the second fastening portion **62** may extend in a direction parallel to the width direction of the waist-worn member **10** so as to be orthogonal to the circumferential direction of the waist-worn member **10**.

When the first fastening portion **61** and the second fastening portion **62** are not fastened to each other, they are spaced apart from each other so that the waist-worn member **10** can be unfolded between the first fastening portion **61** and the second fastening portion **62**. The user may fasten the first fastening portion **61** and the second fastening portion **62** to each other in order to reduce the circumferential length of the waist-worn member **10**. When the first fastening portion **61** and the second fastening portion **62** are fastened to each other, the waist-worn member **10** between the first fastening portion **61** and the second fastening portion **62** is folded. The circumferential length of the waist-worn member **10** may be reduced just as much as the length of the waist-worn member **10** folded by the length selection unit **60**. At least one or more length selection units **60** may be provided. The user may adjust the circumferential length of the waist-worn member **10** in advance by fastening the fastening portions of the length selection unit **60** to each other before wearing the infant carrier **1**.

The length selection unit **60** may be disposed in a region of the waist-worn member **10** through which the cable member **100** does not pass. In other words, the length selection unit **60** may be disposed so as not to overlap with the cable member **100**. For example, the length selection unit **60** may be disposed between the adjustment part **200** and the center of the waist-worn member **10** or between the first hooking arrangement **310** and the center of the waist-worn member **10**. Since the length selection unit **60** is disposed in the region through which the cable member does not pass, the user can conveniently operate the length selection unit **60** without interference with the cable member **100**.

In the drawings showing the present embodiment, it is shown that the first fastening portion **61** and the second fastening portion **62** are formed of a zipper parts capable of being fastened to each other. However, the spirit of the present disclosure is not limited thereto. The length selection unit **60** may be used to adjust the circumferential length of the waist-worn member **10** in advance before the user wears the infant carrier **1**.

The connector **70** may be selectively fastened so that the waist-worn member **10** can be seated on the user's waist while at least partially wrapping around the user's waist. At least a portion of the connector **70** may be provided on the outer periphery of the waist-worn member **10**. In addition, the connector **70** may be provided in at least one or more types. For example, the connector **70** may include a buckle **71** and a Velcro **72**. The connector **70** is provided as a fastening means between the first worn part **11** and the second worn part **12**, and may be configured so that when the waist-worn member **10** wraps around the user's waist, both ends of the connector **70** are connected to each other.

In order to wear the infant carrier **1**, the user can wear the waist-worn member **10** on his/her waist by using the length selection unit **60**, the tightening unit **40** and the connector **70**. Hereinafter, the actions and effects of the infant carrier **1** having the above-described configuration will be described with reference to FIGS. **5** and **6**.

Referring first to FIG. **5**, the length selection unit **60** is selectively fastened to reduce the circumferential length of the waist-worn member **10**. Before wearing the infant carrier **1**, the user first sets the circumferential length of the waist-worn member **10** to a degree appropriate to the waist circumference of the user by selectively fastening the length selection unit **60**. The length selection unit **60** adjusts the circumferential length of the waist-worn member **10** before the user wears the infant carrier **1**, which makes it possible to provide the waist-worn member **10** having circumferential lengths suitable for all users of various body sizes. Therefore, the waist-worn member **10** may be configured so that the waist-worn member **10** can have a length large enough to be worn by a user of an obese body, and the waist-worn member **10** can be comfortably worn by a skinny user without the need to excessively overlap the waist-worn member **10**.

A user who has properly adjusted the circumferential length of the waist-worn member **10** through the use of the length selection unit **60** can have the waist-worn member **10** seated on his/her waist by fastening the connector **70**. When the waist-worn member **10** comes into close contact with the user's waist over a certain level, the load applied to the user's waist can be reduced and the user can feel that the waist is comfortable. However, there is a limit in bringing the waist-worn member **10** into close contact with his/her waist by the connector **70**.

Referring next to FIG. **6**, when the tightening unit **40** rotates, the circumferential length of the waist-worn member **10** can be precisely reduced. The user can reduce the circumferential length of the waist-worn member **10** through the use of the tightening unit **40** to bring the waist-worn member **10** into close contact with his/her waist. The user may wind the cable member **100** connected to the adjustment part **200** by putting the adjustment part **200** in a locked state and rotating the adjustment part **200** in one direction. As the cable member **100** is wound, the length of the cable member **100** between the first hooking arrangement **310** and

the second hooking arrangement **320** is reduced so as to reduce the distance between the first hooking arrangement **310** and the second hooking arrangement **320**.

In other words, by merely rotating the adjustment part **200**, the user can bring the first hooking arrangement **310** and the second hooking arrangement **320** into close contact with each other, reduce the circumferential length of the waist-worn member **10**, and bring the waist-worn member **10** into close contact with to his/her waist. Therefore, the user can easily adjust the circumferential length of the waist-worn member **10** even with a small force, and can more precisely adjust the circumferential length of the waist-worn member **10**. When the operation of adjusting the circumferential length of the waist-worn member **10** is completed in this way, the user can seat the infant on the hip seat **20** and/or the carrier blanket **30**.

On the other hand, when taking off the infant carrier **1**, the user can remove the waist-worn member **10** from his/her waist by operating only the tightening unit **40** and the connector **70** without operating the length selection unit **60**. First, in order to unlock the tightening unit **40**, the user converts the locked state of the adjustment part **200** into an unlocked state, and rotates the adjustment part **200** in the other direction, so that the cable member **100** connected to the adjustment part **200** can be loosened and unwound. As the cable member **100** is unwound, the distance between the first hooking arrangement **310** and the second hooking arrangement **320** is increased, and the circumferential length of the waist-worn member **10** is increased. Thereafter, the user can remove the waist-worn member **10** from the waist by releasing the connector **70**.

While the embodiments of the present disclosure have been described above as specific examples, these embodiments are nothing more than examples. The present disclosure is not limited thereto, and should be construed as having the widest scope in accordance with the basic idea disclosed herein. Those skilled in the art may combine or substitute the disclosed embodiments to implement a pattern of a shape not indicated herein. This also does not depart from the scope of the present disclosure. In addition, those skilled in the art may easily change or modify the disclosed embodiments based on the subject specification. It is apparent that such changes or modifications also belong to the scope of the present disclosure.

What is claimed is:

1. An infant carrier, comprising:

a waist-worn member provided so as to be worn on a waist of a user and including a first worn part and a second worn part; and

a tightening unit provided on the waist-worn member and configured to adjust a circumferential length of the waist-worn member when the waist-worn member is worn on the waist of the user,

wherein the tightening unit includes a cable member configured to connect the first worn part and the second worn part, a hooking part configured to movably support the cable member passing therethrough, an adjustment part configured to wind the cable member and adjust the circumferential length of the waist-worn member by selectively unwinding at least a part of the cable member, and a cover selectively connected to the waist-worn member to cover at least a part of the tightening unit,

wherein the cover includes a connection portion configured to be connectable to the waist-worn member, and a waist support portion configured to support the waist of the user between the waist-worn member and the waist of the user;

a connector disposed at each of the first and second worn parts so as to selectively fasten the waist-worn member;

a hip seat connected to an outer circumferential surface of the waist-worn member and disposed between the adjustment part and the connector; and

at least one length selection unit comprising a first fastening portion and a second fastening portion and disposed between the adjustment part and the hip seat on the waist-worn member, wherein,

upon a fastened state between the first and second fastening portions, the waist-worn member between the first fastening portion and the second fastening portion is folded, and

upon a non-fastened state between the first and second fastening portions, the waist-worn member between the first fastening portion and the second fastening portion is unfolded as the first fastening portion and the second fastening portion are spaced apart from each other,

wherein the hooking part includes a first hooking arrangement and a second hooking arrangement,

the first hooking arrangement including a first ring, a second ring, and a third ring, wherein the first, the second, and the third rings are arranged in a same column, and

the second hooking arrangement including a fourth ring, a fifth ring, and a guide part having a first end-side cable guide having a first hole shape and a second end-side cable guide having a second hole shape, wherein the fourth ring, the fifth ring, the first end-side cable guide, and the second end-side cable guide are arranged in a same column,

wherein the cable member passes through the first end-side cable guide, the first ring, the fourth ring, the second ring, the fifth ring, the third ring, and the second end-side cable guide sequentially.

2. The infant carrier of claim **1**, wherein the first hooking arrangement is disposed on the waist-worn member so that the cable member passes through the first hooking arrangement, and the guide part is disposed to face the first hooking arrangement so that the cable member passes through the guide part.

3. The infant carrier of claim **2**, wherein the guide part is provided at one end of at least one of the first worn part and the second worn part so that the cable member passes through the first and second end-side cable guides, and

the cable member configured to extend from the adjustment part and pass through the first and second end-side cable guides and the first hooking arrangement.

4. The infant carrier of claim **3**, wherein the guide part further includes an intermediate cable guide provided on the waist-worn member and disposed between the first and second end-side cable guides and the adjustment part so that the cable member passes through the intermediate cable guide.

5. The infant carrier of claim **3**, wherein the second hooking arrangement is disposed opposite to the first hooking arrangement so that the cable member passes through the second hooking arrangement, and

the cable member extends from the adjustment part and passes through the first and second end-side cable guides, the first hooking arrangement and the second hooking arrangement.

6. The infant carrier of claim 5, wherein the distance between the first and third rings, and between the fourth and fifth rings are set to be smaller than an average width of the waist-worn member.

7. The infant carrier of claim 1,

wherein the length selection unit is disposed so as not to overlap with the cable member.

8. The infant carrier of claim 1, wherein the adjustment part is configured to wind the cable member by being rotated in one direction, and further comprising:

a stopper provided inside the adjustment part and configured to selectively limit rotation of the adjustment part in the other direction opposite to the one direction.

9. The infant carrier of claim 1, wherein the waist support portion is formed in a shape of a slit into which at least a part of the waist-worn member is inserted.

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