【CLAIMS】

【Claim 1】 A baby carriage having improved convenience of use, the baby carriage comprising:

a main frame (100) configured to have a structure in which a side of the main frame is formed in a "∧" shape to completely support a main body of the baby carriage and configured to be folded or unfolded at an intersection portion thereof through a hinge structure such that a form of the main frame is variable;

a seat frame (200), which is a rectangular frame coupled to an inside of the main frame in a leftward-rightward direction, the seat frame being configured to support a baby carriage seat;

a storage basket (300) formed in a shape of a basket, having a horizontally flat seat disposed at a lower surface thereof, each of a front surface, a rear surface, a left surface, and a right surface of the storage basket being made of a mesh material for ventilation; and

a wheel unit (400) including driving wheels respectively coupled to left and right sides of a front and a rear of the main frame in a symmetrical fashion, the wheel

unit being configured to drive the baby carriage, wherein

the main frame (100) comprises:

a first front inclined frame (110) formed so as to constitute a front of a rectangular frame having rounded corners, the first front inclined frame being inclined forwards and configured to support a front wheel driving unit and an upper end of a front of the storage basket;

a second front inclined frame (120) formed so as to constitute a rear of the rectangular frame having the rounded corners, the second front inclined frame being inclined forwards and configured to serve as a handle of the baby carriage in a form of a grip, the second front inclined frame having a baby carriage locking button positioned at a middle of a rear thereof;

a rear inclined frame (130), which is a T-shaped frame having rotary shafts formed at front and rear sides of a front thereof, the rear inclined frame being formed in left-right symmetry so as to constitute a middle of the rectangular frame, the rear inclined frame being configured to hingedly couple left and right sides of the first front inclined frame and the second front inclined frame to each other, the rear inclined frame being inclined rearwards, an end of a rear of the rear inclined frame being coupled to a rear

wheel unit in order to support the rear wheel unit; and

a left and a right auxiliary link frames (140) each hingedly coupled to one side of the second front inclined frame and to one side of the rear inclined frame in left-right symmetry so as to be supported thereby; and wherein

the storage basket (300) comprises:

a pet gate (310) disposed at a middle of a rear of the storage basket, the pet gate being configured to be opened or closed in a form of a zipper;

a basket canopy (320) coupled to a lower end of an inside of a rear of the seat frame in a form of a zipper, the basket canopy including a plurality of overlapping frames, the plurality of overlapping frames being unfolded in a form of a fan in an upward direction, the plurality of overlapping frames being coupled to hooks positioned at left and right sides and a middle of an upper end of a rear of a back of the first seat unit;

a safety string (330), which is an elastic band having one side coupled to a middle of an inside of the lower surface of the storage basket, the safety string having a safety loop positioned at an end thereof; and

a basket support frame (340) coupled to left and right sides of a lower end of an inside of the rear inclined frame, the basket support frame being configured to support a

lower surface of a rear of the storage basket.

【Claim 2】 The baby carriage according to claim 1, wherein the second front inclined frame (120) comprises:

a front canopy (121) hingedly coupled to one side of an upper end of the second front inclined frame in the leftward-rightward direction, the front canopy being configured to be unfolded about a rotary shaft in a forward direction in a form of a fan, the front canopy being installed so as to be located at an upper end of a front of the seat frame; and

a rear canopy (122) hingedly coupled to one side of a lower end of the second front inclined frame in the leftward-rightward direction, the rear canopy being configured to be unfolded about a rotary shaft in a rearward direction in a form of a fan, the rear canopy being installed so as to be located at an upper end of a rear of the seat frame.

【Claim 3】 The baby carriage according to claim 1, wherein the seat frame (200) comprises:

a seat support frame (210) formed in a rectangular frame shape, the seat support frame being coupled to one side of an inside of the second front inclined frame in the leftward-rightward direction so as to be parallel to a ground surface;

a first seat unit (220), which is a chair-shaped frame coupled to one side of a front of an upper end of the seat support frame, the first seat unit comprising a seat frame coupled to a front of the seat support frame so as to be parallel thereto and a back frame formed at an upper end of a rear of the seat frame, an angle of the back frame being adjusted through a hinge structure; and

a second seat unit (230), which is a chair-shaped frame detachably coupled to one side of a rear of the upper end of the seat support frame, the second seat unit comprising a seat frame coupled to a rear of the seat support frame so as to be parallel thereto and a back frame formed at an upper end of a rear of the seat frame, an angle of the back frame being adjusted through a hinge structure.

【Claim 4】 The baby carriage according to claim 3, wherein the seat support frame

(210) comprises:

a seat main frame (211) formed in a rectangular frame shape, the seat main frame being coupled to one side of the inside of the second front inclined frame in the leftward-rightward direction so as to be parallel to the ground surface, the seat main frame being configured to completely support the seat frame;

a front seat frame (212), which is a rectangular frame that is hingedly coupled to an inside of a front of the seat main frame in the leftward-rightward direction, a safety bar (212a) configured to be inserted between legs of a baby being coupled to a middle of a front of the front seat frame, the front seat frame being configured to support the first seat unit coupled to an upper end thereof; and

a rear seat frame (213), which is a frame hingedly coupled to an inside of a rear of the seat main frame in the leftward-rightward direction, the rear seat frame being configured to support the second seat unit coupled to an upper end thereof.

【Claim 5】 The baby carriage according to claim 4, wherein a safety push bar (212b) is formed at each of left and right sides of a lower end of the front of the front seat frame (212), the safety push bar being configured to rotate the front seat frame

about a rear rotary shaft coupled to the seat main frame in a downward direction and to fix the front seat frame.

【Claim 6】 A baby carriage having improved convenience of use, the baby carriage comprising:

a main frame (100) configured to have a structure in which a side of the main frame is formed in a "∧" shape to completely support a main body of the baby carriage and configured to be folded or unfolded at an intersection portion thereof through a hinge structure such that a form of the main frame is variable;

a seat frame (200), which is a rectangular frame coupled to an inside of the main frame in a leftward-rightward direction, the seat frame being configured to support a baby carriage seat;

a storage basket (300) formed in a shape of a basket having a horizontally flat seat disposed at a lower surface thereof, each of a front surface, a rear surface, a left surface, and a right surface of the storage basket being made of a mesh material for ventilation; and

a wheel unit (400) including driving wheels respectively coupled to left and

right sides of a front and a rear of the main frame in a symmetrical fashion, the wheel unit being configured to drive the baby carriage, wherein

the main frame (100) comprises:

a first front inclined frame (110) formed so as to constitute a front of a rectangular frame having rounded corners, the first front inclined frame being inclined forwards and configured to support a front wheel driving unit and an upper end of a front of the storage basket;

a second front inclined frame (120) formed so as to constitute a rear of the rectangular frame having the rounded corners, the second front inclined frame being inclined forwards and configured to serve as a handle of the baby carriage in a form of a grip, the second front inclined frame having a baby carriage locking button positioned at a middle of a rear thereof;

a rear inclined frame (130), which is a T-shaped frame having rotary shafts formed at front and rear sides of a front thereof, the rear inclined frame being formed in left-right symmetry so as to constitute a middle of the rectangular frame, the rear inclined frame being configured to hingedly couple left and right sides of the first front inclined frame and the second front inclined frame to each other, the rear inclined frame being

inclined rearwards, an end of a rear of the rear inclined frame being coupled to a rear wheel unit in order to support the rear wheel unit;

a left and a right auxiliary link frames (140) each hingedly coupled to one side of the second front inclined frame and to one side of the rear inclined frame in left-right symmetry so as to be supported thereby;

a front canopy (121) hingedly coupled to one side of an upper end of the second front inclined frame in the leftward-rightward direction, the front canopy being configured to be unfolded about a rotary shaft in a forward direction in a form of a fan, the front canopy being installed so as to be located at an upper end of a front of the seat frame; and

a rear canopy (122) hingedly coupled to one side of a lower end of the second front inclined frame in the leftward-rightward direction, the rear canopy being configured to be unfolded about a rotary shaft in a rearward direction in a form of a fan, the rear canopy being installed so as to be located at an upper end of a rear of the seat frame; and

wherein the storage basket (300) comprises:

a pet gate (310) disposed at a middle of a rear of the storage basket, the pet gate being configured to be opened or closed in a form of a zipper;

a basket canopy (320) coupled to a lower end of an inside of a rear of the seat frame in a form of a zipper, the basket canopy including a plurality of overlapping frames, the plurality of overlapping frames being unfolded in a form of a fan in an upward direction, the plurality of overlapping frames being coupled to hooks positioned at left and right sides and a middle of an upper end of a rear of a back of the first seat unit;

a safety string (330), which is an elastic band having one side coupled to a middle of an inside of the lower surface of the storage basket, the safety string having a safety loop positioned at an end thereof; and

a basket support frame (340) coupled to left and right sides of a lower end of an inside of the rear inclined frame, the basket support frame being configured to support a lower surface of a rear of the storage basket.

【Claim 7】 A baby carriage having improved convenience of use, the baby carriage comprising:

a main frame (100) configured to have a structure in which a side of the main frame is formed in a "∧" shape to completely support a main body of the baby carriage and configured to be folded or unfolded at an intersection portion thereof through a hinge structure such that a form of the main frame is variable;

a seat frame (200), which is a rectangular frame coupled to an inside of the main frame in a leftward-rightward direction, the seat frame being configured to support a baby carriage seat;

a storage basket (300) formed in a shape of a basket having a horizontally flat seat disposed at a lower surface thereof, each of a front surface, a rear surface, a left surface, and a right surface of the storage basket being made of a mesh material for ventilation; and

a wheel unit (400) including driving wheels respectively coupled to left and right sides of a front and a rear of the main frame in a symmetrical fashion, the wheel unit being configured to drive the baby carriage,

wherein the main frame (100) comprises:

a first front inclined frame (110) formed so as to constitute a front of a rectangular frame having rounded corners, the first front inclined frame being inclined

forwards and configured to support a front wheel driving unit and an upper end of a front of the storage basket;

a second front inclined frame (120) formed so as to constitute a rear of the rectangular frame having the rounded corners, the second front inclined frame being inclined forwards and configured to serve as a handle of the baby carriage in a form of a grip, the second front inclined frame having a baby carriage locking button positioned at a middle of a rear thereof;

a rear inclined frame (130), which is a T-shaped frame having rotary shafts formed at front and rear sides of a front thereof, the rear inclined frame being formed in left-right symmetry so as to constitute a middle of the rectangular frame, the rear inclined frame being configured to hingedly couple left and right sides of the first front inclined frame and the second front inclined frame to each other, the rear inclined frame being inclined rearwards, an end of a rear of the rear inclined frame being coupled to a rear wheel unit in order to support the rear wheel unit; and

a left and a right auxiliary link frames (140) each hingedly coupled to one side of the second front inclined frame and to one side of the rear inclined frame in left-right symmetry so as to be supported thereby,

wherein the second front inclined frame (120) comprises:

a front canopy (121) hingedly coupled to one side of an upper end of the second front inclined frame in the leftward-rightward direction, the front canopy being configured to be unfolded about a rotary shaft in a forward direction in a form of a fan, the front canopy being installed so as to be located at an upper end of a front of the seat frame; and

a rear canopy (122) hingedly coupled to one side of a lower end of the second front inclined frame in the leftward-rightward direction, the rear canopy being configured to be unfolded about a rotary shaft in a rearward direction in a form of a fan, the rear canopy being installed so as to be located at an upper end of a rear of the seat frame,

wherein the seat frame (200) comprises:

a seat support frame (210) formed in a rectangular frame shape, the seat support frame being coupled to one side of an inside of the second front inclined frame in the leftward-rightward direction so as to be parallel to a ground surface;

a first seat unit (220), which is a chair-shaped frame coupled to one side of a front of an upper end of the seat support frame, the first seat unit comprising a seat frame coupled to a front of the seat support frame so as to be parallel thereto and a back

frame formed at an upper end of a rear of the seat frame, an angle of the back frame being adjusted through a hinge structure; and

a second seat unit (230), which is a chair-shaped frame detachably coupled to one side of a rear of the upper end of the seat support frame, the second seat unit comprising a seat frame coupled to a rear of the seat support frame so as to be parallel thereto and a back frame formed at an upper end of a rear of the seat frame, an angle of the back frame being adjusted through a hinge structure,

wherein the seat support frame (210) comprises:

a seat main frame (211) formed in a rectangular frame shape, the seat main frame being coupled to one side of the inside of the second front inclined frame in the leftward-rightward direction so as to be parallel to the ground surface, the seat main frame being configured to completely support the seat frame;

a front seat frame (212), which is a rectangular frame that is hingedly coupled to an inside of a front of the seat main frame in the leftward-rightward direction, a safety bar (212a) configured to be inserted between legs of a baby being coupled to a middle of a front of the front seat frame, the front seat frame being configured to support the first seat unit coupled to an upper end thereof; and

a rear seat frame (213), which is a frame hingedly coupled to an inside of a rear of the seat main frame in the leftward-rightward direction, the rear seat frame being configured to support the second seat unit coupled to an upper end thereof,

wherein a safety push bar (212b) is formed at each of left and right sides of a lower end of the front of the front seat frame (212), the safety push bar being configured to rotate the front seat frame about a rear rotary shaft coupled to the seat main frame in a downward direction and to fix the front seat frame, and

wherein the storage basket (300) comprises:

a pet gate (310) disposed at a middle of a rear of the storage basket, the pet gate being configured to be opened or closed in a form of a zipper;

a basket canopy (320) coupled to a lower end of an inside of a rear of the seat frame in a form of a zipper, the basket canopy including a plurality of overlapping frames, the plurality of overlapping frames being unfolded in a form of a fan in an upward direction, the plurality of overlapping frames being coupled to hooks positioned at left and right sides and a middle of an upper end of a rear of a back of the first seat unit;

a safety string (330), which is an elastic band having one side coupled to a

middle of an inside of the lower surface of the storage basket, the safety string having a safety loop positioned at an end thereof; and

a basket support frame (340) coupled to left and right sides of a lower end of an inside of the rear inclined frame, the basket support frame being configured to support a lower surface of a rear of the storage basket.