Claims

1. A carrier, characterized by comprising:

a backrest assembly;

a carrier frame switchable between a folded state and expanded state;

a seat assembly movably disposed on the carrier frame; and

a connecting rod assembly comprising:

a first connecting rod having a first movement section and a first pivot section, the first movement section being movably connected to the seat assembly, and the first pivot section being pivotally connected to the carrier frame; and

a second connecting rod having a second movement section and a second pivot section, the second movement section being movably connected to the first connecting rod, and the second pivot section being pivotally connected to the backrest assembly;

wherein the carrier frame drives the backrest assembly to fold toward the seat assembly via the connecting rod assembly when the carrier frame switches from the expanded state to the folded stable.

2. The carrier according to claim 1, characterized in that the carrier frame comprises a seat tube extending in a front-rear direction of the carrier;

the seat assembly comprises a movable frame slidably disposed on the seat tube;

the movable frame has a connecting portion provided with a guiding groove;

the first movement section is inserted into the guiding groove and movable along the guiding groove.

3. The carrier according to claim 2, characterized in that,

the guiding groove comprises a first groove section and a second groove section in communication with each other, the first groove section extends in a movement direction of the movable frame, and the second groove section extends in a direction intersecting with the extending direction of the first groove section; and/or

the guiding groove has a first end and a second end, the first movement section is located at the first end when the carrier frame is in the expanded state, and the first movement section is located at the second end when the carrier frame is in the folded state.

4. The carrier according to claim 2, characterized in that the carrier frame comprises a handle frame pivotally connected to the seat tube, the handle frame is operable to rotate relative to the seat tube so that a travel direction of the carrier is switched between a first

travel direction and a second travel direction, during the switching of the travel direction of the carrier from the first travel direction to the second travel direction, the handle frame drives the movable frame to move in the first travel direction along the seat tube, and/or the handle frame drives the first connecting rod to move in the second travel direction.

5. The carrier according to claim 4, characterized in that the movable frame has an engagement portion, when the carrier frame is in the expanded state, the engagement portion engages the second movement section, and when the handle frame is operated to switch the travel direction of the carrier, the engagement portion disengages from the second movement section.

6. The carrier according to claim 1, characterized in that the first connecting rod has a driving groove between the first movement section and the first pivot section, and the second movement section is inserted into the driving groove and slidable along the driving groove.

7. The carrier according to claim 2, characterized in that the backrest assembly includes a first backrest frame, a second backrest frame, and a backrest tube; a first end of the first backrest frame is pivotally connected to the second pivot section of the second connecting rod; a second end of the first backrest frame is pivotally connected to a first end of the second backrest frame; a second end of the second backrest frame is pivotally connected to a first end of the backrest tube; and a second end of the backrest tube, a section of the second connecting rod between the second movement section and the second pivot section, and the movable frame are pivotally connected by a first connecting shaft.

8. The carrier according to claim 7, characterized in that the second connecting rod comprises a first rod part and a second rod part connected to each other and form an angle therebetween; the second movement section is located at an end of the first rod part away from the second rod part; the second pivot section is located on the second rod part, and the first connecting shaft is located at a junction of the first rod part and the second rod part.

9. The carrier according to claim 8, characterized in that the backrest assembly further comprises a connecting harness and a harness regulator; each of lateral sides of the carrier frame is provided with the connecting rod assembly; one end of the connecting harness is connected to an end of the second rod part away from the first rod part at one of the lateral sides of the carrier frame; the other end of the connecting harness passes across a side of the backrest tube facing away from the seat assembly to be connected to an end of the second rod part away from the first

rod part at the other one of the lateral sides of the carrier frame; and the harness regulator is disposed on the connecting harness to adjust the length of the connecting harness.

10. The carrier according to claim 1, characterized by comprising an armrest installation unit comprising:

a first connection seat provided with an engaged member;

a first magnetic element disposed at the first connection seat;

a second connection seat provided with an engaging member; and

a second magnetic element disposed at the second connection seat;

where the first connection seat and the second connection seat are detachably connected to each other via both the detachable snap-fit of the engaging member with the engaged member and the magnetic adsorption between the first magnetic element and the second magnetic element.

11. The carrier according to claim 10, characterized in that,

the second connection seat has a first accommodation space and an insertion hole in communication with the first accommodation space;

the engaging member comprises at least one elastic arm disposed in the first accommodation space;

the engaged member is adapted to enter or exit the first accommodation space through the insertion hole, and is provided with at least one engagement groove adapted to be in snap-fit with the at least one elastic arm.

12. The carrier according to claim 11, characterized in that the second connection seat is further mounted with a releasing member and an elastic restoring member, the releasing member is operably coupled to the at least one elastic arm to push the at least one elastic arm to disengage from the at least one engagement groove, and the elastic restoring member is adapted to restore the releasing member.

13. The carrier according to claim 1, characterized by comprising a height adjustment mechanism comprising:

a front leg support assembly,

a footrest plate slidable in a heigh direction along the front leg support assembly; and

a locking assembly provided between the front leg support assembly and the footrest plate, wherein the locking assembly is switchable between a locking state and an unlocking

state; when the locking assembly is in the locking state, the footrest plate is capable of being fixed at a height position relative to the front leg support assembly, and/or the footrest plate is capable of being operated to move in a first direction; when the locking assembly is in the unlocking state, the footrest plate is capable of being operated to move in the first direction or in a second direction;

wherein the first direction or the second direction are opposite to each other and parallel to the height direction.

14. The carrier according to claim 13, characterized in that the locking assembly comprises:

a first locking groove provided on the front leg support assembly and having a first inclined abutment surface gradually inclined toward the footrest plate along the first direction, and/or a second locking groove provided on the front leg support assembly and having a first limiting wall and a second limiting wall opposite to each other in the height direction; and

a locking member movably disposed at an end of the footrest plate and switchable between a locking position and an unlocking position, when the locking member is in the locking position, the locking member is protruded out from the end of the footrest plate and inserted into the first locking groove or the second locking groove, and when the locking member is in the unlocking position, the locking member is removed from the first locking groove or the second locking groove.

15. The carrier according to claim 13, characterized in that the front leg support assembly is provided with a guiding groove extending in the movement direction of the footrest plate;

the footrest plate comprises a footrest body configured to support the feet of the user and a clamping member integrated with the footrest body, at a least part of the clamping member is inserted into the guiding groove and slidable along the guiding groove; and/or

the height adjustment mechanism further comprises a clamping member disposed between the front leg support assembly and the footrest plate; the clamping member is telescopically connected or movably connected to the footrest plate; the clamping member comprises a clamping body and a connecting portion connected to each other and form an angle therebetween; at a least part of the clamping body is inserted into the guiding groove and slidable along the guiding groove; the end of the footrest plate is provided with a notch; and the connecting portion is inserted into the notch.