Claims

1. A frame folding mechanism comprising a frame, a seat portion and a linking member, the frame comprising a handle, a front foot and a rear foot, the handle, the front foot and the rear foot being coaxially and pivotally connected to each other to form a first rotation center, the front foot being pivotally connected to the seat portion to form a second rotation center, an end of the linking member being pivotally connected to the seat portion to form a third rotation center, another end of the linking member being pivotally connected to the handle to form a fourth rotation center, the first rotation center, the second rotation center, the third rotation center and the fourth rotation center being distributed separately, the frame rotating and folding, such that the linking member drives the seat portion to rotate and fold, wherein the seat portion comprises a seat folding driving member and a seat body, an end of the seat folding driving member is pivotally connected to the front foot, another end of the seat folding driving member is pivotally connected to the linking member, and the seat body is fixedly connected to the seat folding driving member, such that the handle, the front foot, the seat portion and the linking member form a planar linkage mechanism.

2. The frame folding mechanism of claim 1, wherein a handle cover is disposed on an end of the handle, a front foot cover is disposed on an end of the front foot, a rear foot cover is disposed on an end of the rear foot, and the handle cover, the front foot cover and the rear foot cover are coaxially and pivotally connected to each other to form the first rotation center.

3. The frame folding mechanism of claim 2, wherein the linking member is pivotally connected to the handle cover and deviates from the first rotation center.

4. The frame folding mechanism of claim 1 wherein the seat folding driving member comprises a first folding driving portion and a second folding driving portion bent and extended from an end of the first folding driving portion, and

the seat body is connected to the first folding driving portion and the second folding driving portion.

5. The frame folding mechanism of claim 1, wherein the seat body comprises a front seat tube portion and a rear seat tube portion, the front seat tube portion is connected between the first folding driving portion and the second folding driving portion, and the front seat tube portion is pivotally connected to the rear seat tube portion.

6. The frame folding mechanism of claim 5, wherein a pivot between the seat folding driving member and the linking member is identical to a pivot between the rear seat tube portion and the front seat tube portion.

7. The frame folding mechanism of claim 5, wherein the rear seat tube portion is pivotally connected to the rear foot to form a fifth rotation center, and the fifth rotation center and the first rotation center are distributed separately.

8. The frame folding mechanism of claim 1, wherein the handle comprises an upper handle portion and a lower handle portion, the upper handle portion is pivotally connected to the lower handle portion, and the front foot, the rear foot and the lower handle portion are coaxially and pivotally connected to each other to form the first rotation center.

9. The frame folding mechanism of claim 1, wherein the frame folding mechanism further comprises a backrest portion pivotally connected to the seat portion.

10. The frame folding mechanism of claim 1, wherein the frame folding mechanism further comprises a handrail portion fixedly connected to the linking member.

11. The frame folding mechanism of claim 1, wherein the rear foot is located between the front foot and the handle.

12. The frame folding mechanism of claim 1, wherein the rear foot has an elastic protrusion, the front foot has an engaging recess, and the frame rotates to fold or expand, such that the elastic protrusion engages with or disengages from the

engaging recess.

13. A stroller comprising the frame folding mechanism of any of claims 1 to 12, a plurality of wheels being pivotally connected to a bottom of the front foot and a bottom of the rear foot.