ANIMAL TRANSPORTING CART

TECHNICAL FIELD

[0001] The present disclosure relates to animal carriers, and particularly, to an animal carrier that is easy to install and has high stability and an animal transporting cart on which the animal carrier is stably installed.

BACKGROUND

[0002] Various pet travel cages or pet carts are currently on the market, so that a user (such as a pet owner or a caregiver) can safely take a pet outside; where, some of the pet carts are consist of a detachable portable pet cradle (or a pet travel cage) and a cart frame, so as to achieve the flexibility and convenience in use.

[0003] In the existing detachable pet cart, the portable pet cradle or the pet travel cage is fixed on the cart frame in a lacing method or a Velcro adhesive method, and these fixing methods are relatively complicated in operation and have insufficient stability after being fixed. Furthermore, cart structures of such detachable pet carts are designed mostly for soft pet travel cages, and can only be specially used for carrying pets or can only be used for hanging or temporarily placing a small number of items at the cart handle in addition to carrying pets.

SUMMARY

[0004] The present disclosure provides an animal transporting cart, which may stably install and fix an animal carrier thereon, at the same time, provide enough storage space for a user to place objects. The animal transporting cart of the present disclosure includes a cart body and an animal carrier. The cart body includes a cart handle, a storage layer, at least one pair of frame vertical rods which are connected to the cart handle and the storage layer, and a wheel member. The animal carrier according to the concept of the present disclosure includes a box body and a bracket device, where the box body includes a bottom and a peripheral wall connected to the bottom, and the bracket device and the box body are integrated on the outer side of the peripheral wall; the cart body includes a supporting part, and the supporting part is

WHAT IS CLAIMED IS:

1. An animal transporting cart comprising a cart body and an animal carrier, wherein the cart body comprises a cart handle, a storage layer, at least one pair of frame vertical rods which are connected to the cart handle and the storage layer, and a wheel member, characterized in that:

the animal carrier comprises a box body and a bracket device, wherein the box body comprises a bottom and a peripheral wall connected to the bottom, and the bracket device is combined to the box body at the outer side of the peripheral wall;

the cart body comprises a supporting part, and the supporting part is parallel to the storage layer and is connected to the frame vertical rod at a position higher than the storage layer; and

the animal carrier is separably connected to the supporting part through one of the peripheral wall and the bottom.

2. The animal transporting cart according to claim 1, characterized in that: the supporting part comprises four side parts corresponding to the peripheral wall of the animal carrier, and the animal carrier is separably connected to the corresponding opposite side parts of the supporting part with the opposite side parts of the peripheral wall.

3. The animal transporting cart according to claim 2, characterized in that: the animal carrier comprises at least one pair of connecting structures, the connecting structure is connected to the outer side of the opposite side part of the peripheral wall, and the box body is correspondingly connected to the opposite side part of the supporting part through the connecting structure.

4. The animal transporting cart according to claim 3, characterized in that: the connecting structure and the box body are an integrally formed structure, or.

the connecting structure and the bracket device are an integrally formed structure.

5. The animal transporting cart according to claim 3, characterized in that: the animal carrier comprises an adjusting bracket, the adjusting bracket has opposite fixed sides and opposite movable sides, the adjusting bracket is connected to the outer side of the peripheral wall of the box body through the fixed sides, and the adjusting bracket changes the distance between the movable sides through the telescoping of the movable sides; the connecting structures are disposed at the movable sides, respectively, and the box body is connected to the supporting part through the connecting structures, optionally

the connecting structure is a fixed lug, and the box body is correspondingly hung to the opposite side parts of the supporting part through the fixed lug so as to be connected to the supporting part.

6. The animal transporting cart according to claim 3, characterized in that: the connecting structure is a fixed lug, and the box body is correspondingly hung to the opposite side parts of the supporting part through the fixed lug so as to be connected to the supporting part.

7. The animal transporting cart according to claim 3, characterized in that: the connecting structure is a first connecting structure, the supporting part comprises a second connecting structure corresponding to the first connecting structure, the second connecting structure is disposed on the corresponding opposite side part of the supporting part, and the box body is connected to the supporting part through the corresponding engagement of the first connecting structure and the second connecting structure.

8. The animal transporting cart according to claim 7, characterized in that: the first connecting structure is a connecting base, the second connecting structure is a connecting buckle, and the box body is connected to the supporting part via connecting buckle correspondingly accommodating in the connecting base, or

the first connecting structure is one of a positioning bump and a connecting groove, the second connecting structure is the other of the positioning bump and the connecting groove, and the box body is connected to the supporting part throught the corresponding engagement

between the connecting groove and the positioning bump.

9. The animal transporting cart according to claim 1, characterized in that: the supporting part comprises a fixed base, the fixed base comprises a supporting surface corresponding to the bottom of the animal carrier, and the animal carrier is separably connected to the supporting surface of the supporting part with the bottom.

10. The animal transporting cart according to claim 9, characterized in that: the animal carrier comprises a connecting structure, the connecting structure is connected to the outer side of the bottom, and the box body is correspondingly connected to the supporting surface of the supporting part through the connecting structure.

11. The animal transporting cart according to claim 10, characterized in that: the connecting structure is a first connecting structure, the supporting part comprises a second connecting structure corresponding to the first connecting structure, the second connecting structure is disposed on the supporting surface, and the box body is connected to the supporting part through the corresponding engagement of the first connecting structure and the second connecting structure.

12. The animal transporting cart according to claim 11, characterized in that: the first connecting structure is a bracket device, the second connecting structure is a fixed guide groove, and the bracket device may be matched and engaged with the fixed guide groove, or

the first connecting structure is disposed at the center of the outer side of the bottom of the box body, the second connecting structure is disposed at the center of the supporting surface, and the first connecting structure and the second connecting structure may be matched and buckled.

13. The animal transporting cart according to claim 11, characterized in that: the first connecting structure is a guide rail and the second connecting structure is a guide groove, the guide rail and the guide groove may be matched and engaged.

14. The animal transporting cart according to claim 9, characterized in that: the first connecting structure is a first magnetic element, the second connecting structure is a second magnetic element, and the box body is connected to the supporting part through magnetic attraction engagement of the first magnetic element and the second magnetic element.

15. The animal transporting cart according to claim 1, characterized in that: the animal transporting cart comprises an adjusting device, the adjusting device is connected with the supporting part and disposed in the frame vertical rod, and the supporting part is movable up and down or angle-adjustable relative to the frame vertical rod through the adjusting device, or

the animal transporting cart comprises an adjusting device, the adjusting device is connected with the supporting part and disposed in the frame vertical rod, and the adjusting device is rotatable around the direction of the connecting line where the cart handle connects with the frame vertical rod.