

TITLE OF THE INVENTION: FOLDING AND MAN-RIDING STRUCTURE OF FOLDABLE CART STEERING SYSTEM

ABSTRACT

Disclosed is a folding and man-riding structure of a foldable cart steering system. The folding and man-riding structure further includes a foldable frame, a connection device is fixedly connected to a lower end of one side of the foldable frame, the connection device includes a frame support base, steering wheels are connected to a bottom of the frame, the steering wheels are connected to a steering structure by means of wheel steering swing arms, the steering structure is foldable, the steering structure is further connected to a steering rod assembly, and the steering rod assembly is configured to control movement of the steering structure. Through the above design, the steering structure composed of a plurality of steering arms is disposed between two steering wheels, and the steering structure controls steering of the steering wheels. Moreover, the steering structure may be switched between an unfolded state and a folded state to facilitate folding of the foldable frame, such that control is simple, convenient, and practical. With this structure, the steering wheels may be replaced with straight-fork universal wheels, such that operational stability and safety of the cart are enhanced, with simpler steering, a reasonable design, a simple structure, and a low cost.

FIG. 1