

FRONT WHEEL DRIVE AND REAR WHEEL STEERED PEDAL-POWERED VEHICLE AND METHOD OF FORMING THE SAME

Abstract

One embodiment of a front wheel drive and rear wheel steered pedal powered vehicle may be a bicycle that may have a large front driving wheel and a small rear steering wheel resembling a Penny Farthing bicycle. Both the front and rear head tubes may be vertical eliminating wheel flop and rising and falling of arms and legs.. The handlebar and the seat may be repositioned to lower the center of gravity of the rider thus reducing the tendency to topple. The pedal cranks may be fixed on independent axles, away from the wheel axis. It may have a fixed or detachable shopping trolley with its independent wheels. All of the above makes a compact bicycle that may be taken on public transport without the need to fold the main frame and make it safer without compromising the rider geometry or the experience of riding such a bike. Also a steering means is added to make the bicycle turn in the same direction as the handlebars.

Use FIG.1