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(57) Abstract :

ABSTRACT Disclosed is a tiffin carrier apparatus 100 to maintain a tiffin 102 in an upright orientation during transport, comprising an outer shell 104; a receptacle 106 situated within the outer shell 104, structured to receive and securely hold the tiffin 102; and a gyroscopic stabilization mechanism disposed between the outer shell 104 and the receptacle 106, comprising a set of three ball bearings 108, each freely movable and capable of adjusting position thereof relative to the outer shell 104; and a plurality of shafts, each shaft directly connected to one of the three ball bearings 108, facilitating the transmission of rotational movement from the ball bearings 108 to the outer shell 104, wherein the rotational movement of the shafts, prompted by the movement of the ball bearings 108, generates a gyroscopic effect, to maintain the tiffin 102 in an upright orientation.

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