

ABSTRACT OF THE DISCLOSURE

A bicycle of a type capable of wheeling with a minimized pedalling force. The bicycle includes an internally threaded ring gear (2) provided at a free end of a crank arm (1) for applying a driving force to a wheel, an externally threaded gear (5) rotatable in engagement with the internally threaded ring gear (2). The internally threaded ring gear (2) and the externally threaded gear (5) have a gear ratio chosen to be 2:1. A pedal (8) having a tread (8a) is fixed to the externally threaded gear (5) with the tread (8a) assuming an upwardly oriented, horizontal position when the free end of the crank arm (1) is oriented forward from a crankshaft (35) providing an axis of rotation of the crank arm (1) and, at the same time, a portion of gear teeth (22) of the internally threaded ring gear (2) furthest from the crankshaft (35) is engaged with the externally threaded gear (5).

This Sheet Has Been Replaced

