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Hunt

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(54) **BICYCLE WITH COORDINATED PEDAL AND UPPER BODY LEVERAGE**

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(58) **Field of Classification Search**

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See application file for complete search history.

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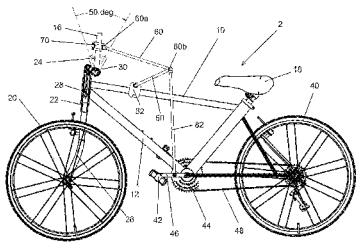
(57) **ABSTRACT**

A cycle or bicycle is driven both by rotation of pedals that drive a rear wheel in a conventional manner, and by fore and aft movement of the handlebars. Fore and aft movement of the handlebars about an adjustable hinge, which also rotate as a unit about a front wheel turning axis, is transmitted to a drive rod. The drive rod then drives an actuator mechanism which transfers force due to movement of the handlebars to the primary drive mechanism through which pedal power is also applied to the rear wheel. Forces generated by this movement of the handlebars is additive to forces applied by the rider directly to the pedals, in a coordinated manner that does not inhibit steering of the bicycle.

14 Claims, 9 Drawing Sheets