

Table C-1. Patents for Add-On Power Devices

POWER TRANSMISSION	Duke 2,495,573	Rosenthal 3,100,547	Karchak 3,893,529	Kaiho 3,905,437	Coker 4,386,672	Goldenfeld 4,759,418	Jones 4,961,473	Coker 5,016,720	Kleinwoterink 5,050,695	Mastov 5,113,959	Kropf 5,135,063	Avakian 5,186,269	Garin 5,197,559	Karlsen 5,113,959	Benoit 5,135,063	Rabjohn 5,186,269	Broadhead 5,197,559	Meeker 5,494,126	Casali 5,651,422
Directly to Rear Wheel Hub	X	X	X	X	X	X	X	X	X	X	X	O	O	X	X	X	X	X	X
Rear Wheel Friction Drive	X	O	O	X	X	X	O	X	X	X	X	X	X	X	X	X	X	X	X
Added Drive Wheel	O	X	X	O	O	O	X	O	O	O	O	X	X	O	O	O	O	O	O
PLACEMENT																			
Behind the Chair Back	O	O	O	O	X	O	U	X	X	O	O	U	X	X	X	X	O	X	X
In Front/Under Chair Seat	X	X	X	X	O	X	U	O	O	X	X	U	O	O	O	O	X	O	O
CHARACTERISTICS																			
Easily Attached/Detached	X	U	X	X	O	U	X	O	X	X	U	X		O	U	O	U	O	O
No Increase in Chair Size	X	X	O	X	O	O	O	O	O	O	O	X	O	O	X	O	U	O	O
Steering Capability	U	O	O	X	O	U	O	O	O	X	O	O	O	O	O	O	X	O	O
Manual and Power Modes	X	O	O	O	X	O	O	X	X	O	O	O	O	X	X	X	O	X	O
Requires Only One Motor	O	X	X	O	O	O	X	O	O	O	O	X	X	O	O	O	X	O	O
Uncomplicated Design	X	X	U	X	U	X	X	U	X	X	X	X	O	O	X	O	U	O	O
No Decrease in Stability	O	O	U	O	U	X	U	U	X	X	X	O	O	X	X	U	O	O	O
Biased Wheel Suspension	U			O	O	X		O	O	X	U			U	U	O	O	U	O
Can Clear Obstacles	U	O	O	O	X	O	O	X	X	O	X	O	U	O	O	X	U	U	O
Access to Tables	O	O	O	O	U	O	O	U	O	O	O	O	O	U	X	X	O	U	O

Blank = Not Applicable   O = Yes   X = No   U = Semi or Unable to Determine