

GP-305160, Page 1

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20 -SEP-04

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Enclosed for recording is Assignment documentation for the following patent application:

Serial No. 10/846,153 filed May 15, 2004

Attorney Docket No. GP-305160

(1) Assignor/Inventors: ANTHONY H. HEAP, TUNG-MING HSIEH,
GREGORY A. HUBBARD

(2) Assignee: GENERAL MOTORS CORPORATION
DETROIT, MICHIGAN

(3) Assignment of patent application

(4) Application number: 10/846,153
If blank, this documentation is filed together with the patent application.

(5) Address correspondence to: LESLIE C. HODGES
General Motors Corporation
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(6) Number of applications: 1
Total Fee: 40.00

(7) Date documentation executed: May 27, 2004; July 21 and 22, 2004

(8) Not applicable

(9) To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Title: METHOD OF PROVIDING ELECTRIC MOTOR TORQUE RESERVE IN A HYBRID
ELECTRIC VEHICLE

Please charge the \$40.00 assignment recording fee to GENERAL MOTORS CORPORATION Deposit Account
No. 07-0960.

Patrice Uchino Leland
PATRICE UCHINO LELAND
313-665-4702

Total number of pages including cover sheet, attachments and document: 3

Enclosures
700115818

PATENT
REEL: 015148 FRAME: 0819

CH \$40.00 070960 10846153

GP-305160, Page 1

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS CORPORATION, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application GP-305160 entitled

METHOD OF PROVIDING ELECTRIC MOTOR TORQUE RESERVE
IN A HYBRID ELECTRIC VEHICLE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney LESLIE C. HODGES to insert the application number and filing date of said application here in parentheses (10/846,153 filed May 15, 2004) when known.

Inventor's signature	<u>Anthony H. Heap</u>	Date	<u>2004/07/22</u>
Full name :	ANTHONY H. HEAP	Declaration dated :	
Residence :	INDIANAPOLIS, INDIANA Ann Arbor, Michigan AKA		<u>2004/07/22</u>
Inventor's signature	_____	Date	_____
Full name :	TUNG-MING HSIEH	Declaration dated :	
Residence :	CARMEL, INDIANA		_____
Inventor's signature	<u>Gregory A. Hubbard</u>	Date	<u>7/21/2004</u>
Full name :	GREGORY A. HUBBARD	Declaration dated :	
Residence :	BRIGHTON, MICHIGAN		<u>7/21/2004</u>

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METHOD OF PROVIDING ELECTRIC MOTOR TORQUE RESERVE IN A HYBRID ELECTRIC VEHICLE

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Inventor's signature _____ Date _____

Full name : ANTHONY H. HEAP Declaration dated :

Residence : INDIANAPOLIS, INDIANA _____

Inventor's signature Tung-ming Hsieh Date 5/27/2004

Full name : TUNG-MING HSIEH Declaration dated :

Residence : CARMEL, INDIANA 5/27/2004

Inventor's signature _____ Date _____

Full name : GREGORY A. HUBBARD Declaration dated :

Residence : BRIGHTON, MICHIGAN _____