

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jian M. Wang</td><td>02/15/2009</td></tr><tr><td>Eric M. Rask</td><td>10/29/2008</td></tr><tr><td>Chihang Lin</td><td>10/31/2008</td></tr></tbody></table>		Name	Execution Date	Jian M. Wang	02/15/2009	Eric M. Rask	10/29/2008	Chihang Lin	10/31/2008
Name	Execution Date								
Jian M. Wang	02/15/2009								
Eric M. Rask	10/29/2008								
Chihang Lin	10/31/2008								
RECEIVING PARTY DATA									
Name:	GM GLOBAL TECHNOLOGY OPERATIONS, INC.								
Street Address:	P.O. BOX 300								
Internal Address:	Mail Code 482-C23-B21								
City:	DETROIT								
State/Country:	MICHIGAN								
Postal Code:	48265-3000								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12391530</td></tr></tbody></table>		Property Type	Number	Application Number:	12391530				
Property Type	Number								
Application Number:	12391530								
CORRESPONDENCE DATA									
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	P002151-PTH-RRM								
NAME OF SUBMITTER:	Michael D. Wiggins								
Total Attachments: 3 source=ASSIGNMENT_P002151#page1.tif									

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PATENT
REEL: 022302 FRAME: 0645

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ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P002151-PTH-RRM entitled

NEW DYNAMIC HYSTERSIS EVALUATION METHOD FOR HYBRID VEHICLES BASED ON OPTIMAL POWER LOSS CONTROL STRATEGY

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney RAVI R. MATHURA and MICHAEL D. WIGGINS to insert the application number and filing date of said application here in parentheses (12/391530 filed 2/24/2009) when known.

Inventor's signature  Date 2/15/2009

Full name : JIAN M WANG

Declaration dated :

Residence : ANN ARBOR, MI.

Inventor's signature _____

Date _____

Full name : ERIC M. RASK

Declaration dated :

Residence : ROYAL OAK, MI.

Inventor's signature _____

Date _____

Full name : CHIHANG LIN

Declaration dated :

Residence : ANN ARBOR, MI.

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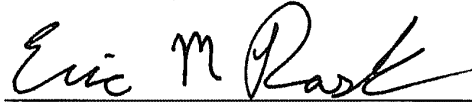
Inventor's signature _____ Date _____

Full name : JIAN M WANG

Declaration dated : _____

Residence : ANN ARBOR, MI. _____

Inventor's signature



Date 10/29/08

Full name : ERIC M. RASK

Declaration dated : _____

Residence : ROYAL OAK, MI. _____

10/29/09

Inventor's signature _____

Date _____

Full name : CHIHANG LIN

Declaration dated : _____

Residence : ANN ARBOR, MI. _____

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Inventor's signature _____ Date _____

Full name : JIAN M WANG

Declaration dated :

Residence : ANN ARBOR, MI. _____

Inventor's signature _____ Date _____

Full name : ERIC M. RASK

Declaration dated :

Residence : ROYAL OAK, MI. _____

Inventor's signature Lis. _____ Date 10/31/2008

Full name : CHIHANG LIN

Declaration dated :

Residence : ANN ARBOR, MI. 10/31/2008