

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
<b>CONVEYING PARTY DATA</b>																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mark A. Manickaraj</td> <td>04/22/2013</td> </tr> <tr> <td>Aniket Kothari</td> <td>04/20/2013</td> </tr> <tr> <td>Richard A. Marsh</td> <td>05/07/2013</td> </tr> <tr> <td>Lawrence P. Ziehr</td> <td>05/06/2013</td> </tr> <tr> <td>Norman J. Weigert</td> <td>04/22/2013</td> </tr> <tr> <td>Rick W. Szymczyk</td> <td>04/22/2013</td> </tr> <tr> <td>Andrew M. Zettel</td> <td>04/19/2013</td> </tr> <tr> <td>Danielle A. Cory</td> <td>04/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	Mark A. Manickaraj	04/22/2013	Aniket Kothari	04/20/2013	Richard A. Marsh	05/07/2013	Lawrence P. Ziehr	05/06/2013	Norman J. Weigert	04/22/2013	Rick W. Szymczyk	04/22/2013	Andrew M. Zettel	04/19/2013	Danielle A. Cory	04/17/2013
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Danielle A. Cory	04/17/2013																		
<b>RECEIVING PARTY DATA</b>																			
Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC																		
Street Address:	300 Renaissance Center; Mail Code 482-C23-B21																		
Internal Address:	P.O. Box 300																		
City:	Detroit																		
State/Country:	MICHIGAN																		
Postal Code:	48265-3000																		
<b>PROPERTY NUMBERS Total: 1</b>																			
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13842823</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13842823														
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<b>CORRESPONDENCE DATA</b>																			
Fax Number:	2486894071																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
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CH \$40.00 13842823

ATTORNEY DOCKET NUMBER:	P024591-GMVE-LDA
NAME OF SUBMITTER:	Michael C. Adams
Signature:	/Michael C. Adams/
Date:	06/24/2013
Total Attachments: 7 source=P024591_Signed_Assignment#page1.tif source=P024591_Signed_Assignment#page2.tif source=P024591_Signed_Assignment#page3.tif source=P024591_Signed_Assignment#page4.tif source=P024591_Signed_Assignment#page5.tif source=P024591_Signed_Assignment#page6.tif source=P024591_Signed_Assignment#page7.tif	

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P024591-GMVE-LDA entitled

METHOD FOR OPERATING HYBRID VEHICLE

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 60770 to insert the application number and filing date of said application here in parentheses ( 13/842,823 filed 3-15-2013 ) when known.

Inventor's signature Mark A. Manickaraj Date April 22, 2013

Full name : MARK A. MANICKARAJ

Residence : AJAX, ONTARIO

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : ANIKET KOTHARI

Residence : SOUTHFIELD, MICHIGAN

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : RICHARD A. MARSH

Residence : BEVERLY HILLS, MICHIGAN

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : LAWRENCE P. ZIEHR

Residence : CLARKSTON, MICHIGAN

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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : MARK A. MANICKARAJ

Residence : AJAX, ONTARIO

Inventor's signature  \_\_\_\_\_ Date 4/20/2013

Full name : ANIKET KOTHARI

Residence : SOUTHFIELD, MICHIGAN

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : RICHARD A. MARSH

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Residence : AJAX, ONTARIO

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

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Inventor's signature Richard A Marsh Date May 7, 2013

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Residence : BEVERLY HILLS, MICHIGAN

Inventor's signature . \_\_\_\_\_ Date \_\_\_\_\_

Full name : LAWRENCE P. ZIEHR

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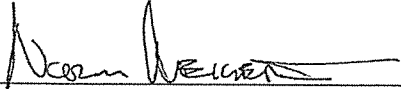
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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

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Full name : ANDREW M. ZETTEL

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Inventor's signature *Danielle A Cory* Date 4-17-2013

Full name : DANIELLE A. CORY

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