

## 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>Alan G. Holmes</td> <td>04/26/2012</td> </tr> <tr> <td>Brendan M. Conlon</td> <td>04/26/2012</td> </tr> <tr> <td>Norman K. Bucknor</td> <td>04/27/2012</td> </tr> <tr> <td>Constantine Nick Raptis</td> <td>04/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Alan G. Holmes	04/26/2012	Brendan M. Conlon	04/26/2012	Norman K. Bucknor	04/27/2012	Constantine Nick Raptis	04/26/2012
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Alan G. Holmes	04/26/2012										
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Norman K. Bucknor	04/27/2012										
Constantine Nick Raptis	04/26/2012										
RECEIVING PARTY DATA											
Name:	GM Global Technology Operations LLC										
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>13459541</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13459541						
Property Type	Number										
Application Number:	13459541										
CORRESPONDENCE DATA											
Fax Number:	(248)380-8968										
Phone:	248-380-9300										
Email:	cap@quinnlawgroup.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Quinn Law Group										
Address Line 1:	39555 Orchard Hill Pl., Ste 520										
Address Line 4:	Novi, MICHIGAN 48375										
ATTORNEY DOCKET NUMBER:	P020481-GMVE-RRM/GM2710										
NAME OF SUBMITTER:	Christopher W. Quinn										
Total Attachments: 1 source=Assignment_P020481#page1.tif											

CH \$40.00 13459541

**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 P020481-GMVE-RRM entitled

**HYBRID VEHICLE WITH ELECTRIC TRANSMISSION AND  
ELECTRIC DRIVE MODULE**

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 72823 to insert the application number and filing date of said application here in parentheses (13/459,541 filed 30-APR-2012) when known.

Inventor's signature Alan G. Holmes Date 26 April 2012

Full name : ALAN G. HOLMES

Residence : CLARKSTON, MICHIGAN

Inventor's signature Brendan M. Conlon Date 4-26-2012

Full name : BRENDAN M. CONLON

Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature Norman K. Bucknor Date 4/27/2012

Full name : NORMAN K. BUCKNOR

Residence : TROY, MICHIGAN

Inventor's signature Constantine Nick Raptis Date 4-26-2012

Full name : CONSTANTINE NICK RAPTIS

Residence : MACOMB TWP., MICHIGAN