

## 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>Christopher E. Whitney</td> <td>08/24/2012</td> </tr> <tr> <td>Luca Scavone</td> <td>08/30/2012</td> </tr> <tr> <td>Anthony H. Heap</td> <td>08/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christopher E. Whitney	08/24/2012	Luca Scavone	08/30/2012	Anthony H. Heap	08/28/2012				
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>GM GLOBAL TECHNOLOGY OPERATIONS LLC</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 300</td> </tr> <tr> <td>Internal Address:</td> <td>Mail Code 482-C23-B21</td> </tr> <tr> <td>City:</td> <td>Detroit</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48265-3000</td> </tr> </table>		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
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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>13616857</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13616857								
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Application Number:	13616857												
CORRESPONDENCE DATA													
<p>Fax Number: 2483808968          Phone: 248-380-9300          Email: amb@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></p> <p>Correspondent Name: Quinn Law Group          Address Line 1: 39555 Orchard Hill Pl., Ste 520          Address Line 4: Novi, MICHIGAN 48375</p>													
ATTORNEY DOCKET NUMBER:	P021761-PTUS-RRM/GM2860												
NAME OF SUBMITTER:	Christopher W. Quinn												
Total Attachments: 2 source=Assignment_P021761#page1.tif source=Assignment_P021761#page2.tif													

CH \$40.00 13616857

**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 P021761-PTUS-RRM entitled

**HYBRID POWERTRAIN COORDINATION DURING A DIESEL  
PARTICULATE FILTER REGENERATION EVENT**

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 ( 13/616,857 filed 14-SEPT-2012 ) when known.

If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

US Provisional Serial No	Filed
61/655726	05-JUN-2012

Inventor's signature	<u>Christopher E. Whitney</u>	Date	<u>8/24/2012</u>
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Full name : CHRISTOPHER E. WHITNEY

Residence : COMMERCE, MICHIGAN

Inventor's signature	_____	Date	_____
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Full name : LUCA SCAVONE

Residence : MONCALIERI, ITALY

Inventor's signature	<u>Anthony H. Heap</u>	Date	<u>2012/08/28</u>
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Full name : ANTHONY H. HEAP

Residence : ANN ARBOR, MICHIGAN

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Full name :	CHRISTOPHER E. WHITNEY
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Residence :	COMMERCE, MICHIGAN
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Inventor's signature	<u>Luca Scavone</u>	Date	<u>30-AUG-2012</u>
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Full name :	LUCA SCAVONE
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Residence :	MONCALIERI, ITALY
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Inventor's signature	_____	Date	_____
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Full name :	ANTHONY H. HEAP
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Residence :	ANN ARBOR, MICHIGAN
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PATENT