

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Anthony H. Heap</td> <td>10/10/2008</td> </tr> <tr> <td>Jy-Jen F. Sah</td> <td>10/13/2008</td> </tr> </tbody> </table>		Name	Execution Date	Anthony H. Heap	10/10/2008	Jy-Jen F. Sah	10/13/2008
Name	Execution Date						
Anthony H. Heap	10/10/2008						
Jy-Jen F. Sah	10/13/2008						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	GM Global Technology Operations, Inc.						
<b>Street Address:</b>	300 Renaissance Center						
<b>Internal Address:</b>	Mail Code 482-C23-B21, P.O. Box 300						
<b>City:</b>	Detroit						
<b>State/Country:</b>	MICHIGAN						
<b>Postal Code:</b>	48265-3000						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12251424</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12251424		
Property Type	Number						
Application Number:	12251424						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(248)676-2799						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	248-676-2798						
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<b>ATTORNEY DOCKET NUMBER:</b>	P003097/PTH/RRM(GMC7203)						
<b>NAME OF SUBMITTER:</b>	Mona-Lisa Cichosz						
<b>Total Attachments: 1</b> source=Assignment-P003097#page1.tif							

CH \$40.00 12251424

**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 P003097/PTH/RRM entitled

**ENGINE CONTROL SYSTEM FOR TORQUE MANAGEMENT IN A HYBRID POWERTRAIN SYSTEM**

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney VINCENT A. CICHOSZ to insert the application number and filing date of said application here in parentheses ( 12/251,424 filed 14-OCT-2008 ) 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
60/985255	04-NOV-2007

Inventor's signature	<u>Anthony H. Heap</u>	Date	<u>2008/10/10</u>
Full name :	ANTHONY H. HEAP	Declaration dated :	
Residence :	ANN ARBOR, MICHIGAN		<u>2008/10/10</u>
Inventor's signature	<u>JY-JEN F. SAH</u>	Date	<u>10/13/2008</u>
Full name :	JY-JEN F. SAH	Declaration dated :	
Residence :	WEST BLOOMFIELD, MICHIGAN		<u>10/13/2008</u>