

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Anthony H. Heap	10/13/2008
Jy-Jen F. Sah	10/13/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GM Global Technology Operations, Inc.
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<b>City:</b>	Detroit
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48265-3000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12251463
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	P003144/PTH/RRM(GMC7264)
<b>NAME OF SUBMITTER:</b>	Mona-Lisa Cichosz
<b>Total Attachments: 1</b> source=Assignment-P003144#page1.tif	

CH \$40.00 12251463

**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 P003144/PTH/RRM entitled

**METHOD AND APPARATUS TO OFFLOAD OFFGOING CLUTCH TORQUE WITH ASYNCHRONOUS ONCOMING CLUTCH TORQUE, ENGINE AND MOTOR TORQUE FOR 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 ( 12/251,463 filed 15-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
60/985285	04-NOV-2007

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

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