

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>Tung-Ming Hsieh</td><td>10/17/2008</td></tr><tr><td>Anthony H. Heap</td><td>10/10/2008</td></tr></tbody></table>		Name	Execution Date	Tung-Ming Hsieh	10/17/2008	Anthony H. Heap	10/10/2008
Name	Execution Date						
Tung-Ming Hsieh	10/17/2008						
Anthony H. Heap	10/10/2008						
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Internal Address:	Mail Code 482-C23-B21, P.O. Box 300						
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>12254961</td></tr></tbody></table>		Property Type	Number	Application Number:	12254961		
Property Type	Number						
Application Number:	12254961						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	GP308389/PTH/RRM(GMC6138)						
NAME OF SUBMITTER:	Mona-Lisa Cichosz						
Total Attachments: 2 source=Assignment-GP-308389#page1.tif source=Assignment-GP-308389#page2.tif							

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PATENT

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REEL: 021712 FRAME: 0372

### 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 GP-308389/PTH/RRM entitled

### METHOD FOR DETERMINING CONSTRAINTS ON INPUT TORQUE IN A HYBRID TRANSMISSION

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 (12/254,961 filed 21-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
60/985225	03-NOV-2007

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

Full name : TUNG-MING HSIEH Declaration dated : \_\_\_\_\_

Residence : CARMEL, INDIANA \_\_\_\_\_

Inventor's signature Anthony H. Heap Date 2008/10/10

Full name : ANTHONY H. HEAP Declaration dated : \_\_\_\_\_

Residence : ANN ARBOR, MICHIGAN 2008/10/10

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60/985225	03-NOV-2007

Inventor's signature	<u>Tung-Ming Hsieh</u>	Date	<u>10/17/08</u>
Full name :	TUNG-MING HSIEH	Declaration dated :	
Residence :	CARMEL, INDIANA		<u>10/17/08</u>
Inventor's signature	_____	Date	_____
Full name :	ANTHONY H. HEAP	Declaration dated :	
Residence :	ANN ARBOR, MICHIGAN		_____