

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | |
|--|---------------------------------------|---------------|----------------|---------------------|------------|---------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | |
| CONVEYING PARTY DATA | | | | | | | |
| <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 | | | | | | |
| RECEIVING PARTY DATA | | | | | | | |
| Name: | GM Global Technology Operations, Inc. | | | | | | |
| Street Address: | 300 Renaissance Center | | | | | | |
| 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" 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>12250327</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12250327 | | |
| Property Type | Number | | | | | | |
| Application Number: | 12250327 | | | | | | |
| CORRESPONDENCE DATA | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | P003137/PTH/RRM(GMC7258) | | | | | | |
| NAME OF SUBMITTER: | Mona-Lisa Cichosz | | | | | | |
| Total Attachments: 1 source=Assignment-P003137#page1.tif | | | | | | | |

CH \$40.00 12250327

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 P003137/PTH/RRM entitled

METHOD AND APPARATUS TO PRODUCE A SMOOTH INPUT SPEED PROFILE IN MODE 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 (12/250,327 filed 13-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 |
| 60/983257 | 29-OCT-2007 |

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

Full name : ANTHONY H. HEAP Declaration dated :
Residence : ANN ARBOR, MICHIGAN 2008/10/10

Inventor's signature JY-JEN F. SAH Date 10/13/2008

Full name : JY-JEN F. SAH Declaration dated :
Residence : WEST BLOOMFIELD, MICHIGAN 10/13/2008