

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sharon Liu</td> <td>02/25/2010</td> </tr> <tr> <td>Henry A. Hainer</td> <td>03/02/2010</td> </tr> <tr> <td>Michael Simon</td> <td>03/02/2010</td> </tr> <tr> <td>Joshua D. Cowgill</td> <td>02/25/2010</td> </tr> <tr> <td>Douglas R. Verner</td> <td>02/26/2010</td> </tr> </tbody> </table> | | Name | Execution Date | Sharon Liu | 02/25/2010 | Henry A. Hainer | 03/02/2010 | Michael Simon | 03/02/2010 | Joshua D. Cowgill | 02/25/2010 | Douglas R. Verner | 02/26/2010 |
| Name | Execution Date | | | | | | | | | | | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>GM Global Technology Operations, Inc.</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, Inc. | Street Address: | P.O. Box 300 | Internal Address: | Mail Code 482-C23-B21 | City: | Detroit | State/Country: | MICHIGAN | Postal Code: | 48265-3000 |
| Name: | GM Global Technology Operations, Inc. | | | | | | | | | | | | |
| Street Address: | P.O. Box 300 | | | | | | | | | | | | |
| Internal Address: | Mail Code 482-C23-B21 | | | | | | | | | | | | |
| 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 style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12709807</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12709807 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 12709807 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: (248)641-0270</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 248 641 1600</p> <p>Email: madams@hdp.com</p> <p>Correspondent Name: Harness Dickey & Pierce, P.L.C.</p> <p>Address Line 1: P.O. Box 828</p> <p>Address Line 4: Bloomfield Hills, MICHIGAN 48303</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | P010830-PTCS-CD | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Michael D. Wiggins | | | | | | | | | | | | |

CH \$40.00 12709807

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PATENT
REEL: 024146 FRAME: 0840

Total Attachments: 1
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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 P010830-PTCS-CD entitled

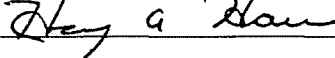
GEAR ENGAGEMENT CONTROL SYSTEM AND METHOD

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize any patent practitioner associated with Customer Number 74175 to insert the application number and filing date of said application here in parentheses (12/709807 filed 2-22-2010) when known.

Inventor's signature  Date Feb 25, 2010

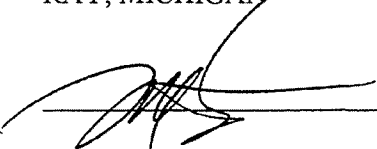
Full name : SHARON LIU Declaration dated :

Residence : ANN ARBOR, MICHIGAN Feb 25, 2010

Inventor's signature  Date 3/2/2010

Full name : HENRY A. HAINER Declaration dated :

Residence : RAY, MICHIGAN _____

Inventor's signature  Date 3/2/2010

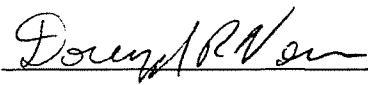
Full name : MICHAEL SIMON Declaration dated :

Residence : PLYMOUTH, MICHIGAN _____

Inventor's signature  Date 2/25/10

Full name : JOSHUA D COWGILL Declaration dated :

Residence : HARTLAND, MICHIGAN 2/25/10

Inventor's signature  Date 2-26-10

Full name : DOUGLAS R. VERNER Declaration dated :

Residence : STERLING HEIGHTS, MICHIGAN _____