

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:   | NEW ASSIGNMENT                        |               |                |                     |            |                    |            |                    |            |          |            |
|--|---------------------------------------|---------------|----------------|---------------------|------------|--------------------|------------|--------------------|------------|----------|------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT                            |               |                |                     |            |                    |            |                    |            |          |            |
| <b>CONVEYING PARTY DATA</b>  |                                       |               |                |                     |            |                    |            |                    |            |          |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David P. Quigley</td> <td>01/04/2010</td> </tr> <tr> <td>Steven J. Andrasko</td> <td>01/04/2010</td> </tr> <tr> <td>Thomas L. Bahensky</td> <td>01/04/2010</td> </tr> <tr> <td>Yun Xiao</td> <td>01/04/2010</td> </tr> </tbody> </table> |                                       | Name          | Execution Date | David P. Quigley    | 01/04/2010 | Steven J. Andrasko | 01/04/2010 | Thomas L. Bahensky | 01/04/2010 | Yun Xiao | 01/04/2010 |
| Name   | Execution Date                        |               |                |                     |            |                    |            |                    |            |          |            |
| David P. Quigley   | 01/04/2010                            |               |                |                     |            |                    |            |                    |            |          |            |
| Steven J. Andrasko   | 01/04/2010                            |               |                |                     |            |                    |            |                    |            |          |            |
| Thomas L. Bahensky   | 01/04/2010                            |               |                |                     |            |                    |            |                    |            |          |            |
| Yun Xiao   | 01/04/2010                            |               |                |                     |            |                    |            |                    |            |          |            |
| <b>RECEIVING PARTY DATA</b>  |                                       |               |                |                     |            |                    |            |                    |            |          |            |
| 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                            |               |                |                     |            |                    |            |                    |            |          |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |                                       |               |                |                     |            |                    |            |                    |            |          |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12692925</td> </tr> </tbody> </table>  |                                       | Property Type | Number         | Application Number: | 12692925   |                    |            |                    |            |          |            |
| Property Type  | Number                                |               |                |                     |            |                    |            |                    |            |          |            |
| Application Number:  | 12692925                              |               |                |                     |            |                    |            |                    |            |          |            |
| <b>CORRESPONDENCE DATA</b>   |                                       |               |                |                     |            |                    |            |                    |            |          |            |
| Fax Number:  | (248)641-0270                         |               |                |                     |            |                    |            |                    |            |          |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                                       |               |                |                     |            |                    |            |                    |            |          |            |
| Phone:   | 248 641 1600                          |               |                |                     |            |                    |            |                    |            |          |            |
| Email:   | madams@hdp.com                        |               |                |                     |            |                    |            |                    |            |          |            |
| Correspondent Name:  | Harness Dickey & Pierce, P.L.C.       |               |                |                     |            |                    |            |                    |            |          |            |
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| ATTORNEY DOCKET NUMBER:  | P006997-PTE-CD                        |               |                |                     |            |                    |            |                    |            |          |            |
| NAME OF SUBMITTER:   | Michael D. Wiggins                    |               |                |                     |            |                    |            |                    |            |          |            |

CH \$40.00 12692925

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 P006997-PTE-CD entitled

PRESSURE ESTIMATION SYSTEMS AND METHODS

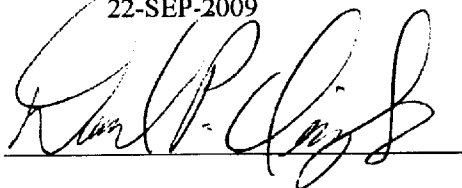
for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize any patent practitioner associated with Customer Number 74175 to insert the application number and filing date of said application here in parentheses (12/692925 filed Jan. 25, 2010) when 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  
61/244653

Filed  
22-SEP-2009

Inventor's signature



Date

1/4/10

Full name :


DAVID P. QUIGLEY

Declaration dated :

Residence :

BRIGHTON, MICHIGAN

Inventor's signature



Date

1-4-10

Full name :

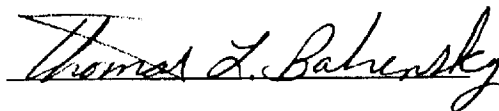
STEVEN J. ANDRASKO

Declaration dated :

Residence :

WIXOM, MICHIGAN

Inventor's signature



Date

1-4-10

Full name :

THOMAS L. BAHENSKY

Declaration dated :

Residence :

PLYMOUTH, MICHIGAN

Inventor's signature



Date

1-4-10

Full name :

YUN XIAO

Declaration dated :

Residence :

ANN ARBOR, MICHIGAN

PATENT