

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>Jonathan T. Shibata</td> <td>05/01/2008</td> </tr> <tr> <td>Kenneth J. Buslepp</td> <td>05/01/2008</td> </tr> <tr> <td>Donovan L. Dibble</td> <td>05/04/2008</td> </tr> <tr> <td>Mary Beth Furness</td> <td>05/01/2008</td> </tr> </tbody> </table>		Name	Execution Date	Jonathan T. Shibata	05/01/2008	Kenneth J. Buslepp	05/01/2008	Donovan L. Dibble	05/04/2008	Mary Beth Furness	05/01/2008
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Donovan L. Dibble	05/04/2008										
Mary Beth Furness	05/01/2008										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	GM GLOBAL TECHNOLOGY OPERATIONS, INC.										
<b>Street Address:</b>	P.O. BOX 300										
<b>Internal Address:</b>	Mail Code 482-C23-B21										
<b>City:</b>	DETROIT										
<b>State/Country:</b>	MICHIGAN										
<b>Postal Code:</b>	48265-3000										
<b>PROPERTY NUMBERS Total: 1</b>											
<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>12120828</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12120828						
Property Type	Number										
Application Number:	12120828										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(248)641-0270										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	248 641 1600										
<b>Email:</b>	madams@hdp.com										
<b>Correspondent Name:</b>	Harness Dickey & Pierce, P.L.C.										
<b>Address Line 1:</b>	P.O. Box 828										
<b>Address Line 4:</b>	Bloomfield Hills, MICHIGAN 48303										
<b>ATTORNEY DOCKET NUMBER:</b>	P001395-PTE-CD										
<b>NAME OF SUBMITTER:</b>	Michael D. Wiggins										

**CH \$40.00 12120828**

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 P001395-PTE-CD entitled

**FUEL QUALITY DETECTION USING TORQUE AND ENGINE SPEED**

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHRISTOPHER DEVRIES and MICHAEL D. WIGGINS to insert the application number and filing date of said application here in parentheses (12/120828 filed May 15, 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  
61/045407                      16-APR-2008

Inventor's signature      *Jonathan T. Shibata*      Date 5/1/2008

Full name :                      JONATHAN T. SHIBATA      Declaration dated :

Residence :                      MILAN, MICHIGAN      5/1/2008

Inventor's signature      *Kenneth J. Buslepp*      Date 1 May 2008

Full name :                      KENNETH J. BUSLEPP      Declaration dated :

Residence :                      BRIGHTON, MICHIGAN      1 May 2008

Inventor's signature      *Donovan L. Dibble*      Date 5/4/2008

Full name :                      DONOVAN L. DIBBLE      Declaration dated :

Residence :                      UTICA, MICHIGAN      5/4/2008

Inventor's signature      *Mary Beth Furness*      Date 05-01-2008

Full name :                      MARY BETH FURNESS      Declaration dated :

Residence :                      ANN ARBOR, MICHIGAN      05-01-2008