

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>Layne K. Wiggins</td><td>12/03/2007</td></tr><tr><td>Jason Meyer</td><td>12/03/2007</td></tr><tr><td>Yann G. Guezenec</td><td>12/03/2007</td></tr></tbody></table>		Name	Execution Date	Layne K. Wiggins	12/03/2007	Jason Meyer	12/03/2007	Yann G. Guezenec	12/03/2007
Name	Execution Date								
Layne K. Wiggins	12/03/2007								
Jason Meyer	12/03/2007								
Yann G. Guezenec	12/03/2007								
RECEIVING PARTY DATA									
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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11965057</td></tr></tbody></table>		Property Type	Number	Application Number:	11965057				
Property Type	Number								
Application Number:	11965057								
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NAME OF SUBMITTER:	Michael D. Wiggins								
Total Attachments: 2 source=ASSIGNMENT_P002227#page1.tif									

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PATENT
REEL: 020293 FRAME: 0765

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 P002227-PTE-CD entitled

SYSTEMS AND METHODS FOR ESTIMATING RESIDUAL GAS FRACTION FOR INTERNAL COMBUSTION ENGINES USING ALTITUDE COMPENSATION

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHRISTOPHER DEVRIES / MICHAEL D. WIGGINS to insert the application number and filing date of said application here in parentheses (11/965,057 filed Dec. 27, 2007) 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
60/972930 17-SEP-2007

Inventor's signature Layne K. Wiggins Date 12/3/07
Full name : LAYNE K. WIGGINS Declaration dated :
Residence : PLYMOUTH, MICHIGAN 12/3/07

Inventor's signature _____ Date _____
Full name : JASON MEYER Declaration dated :
Residence : Dayton, Ohio _____

Inventor's signature _____ Date _____
Full name : YANN G. GUEZENNEC Declaration dated :
Residence : UPPER ARLINGTON, OHIO _____

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 P002227-PTE-CD entitled

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US Provisional Serial No Filed
60/972930 17-SEP-2007

Inventor's signature _____ Date _____

Full name : LAYNE K. WIGGINS

Declaration dated :

Residence : PLYMOUTH, MICHIGAN

Inventor's signature  _____


Date 12-3-07

Full name : JASON MEYER

Declaration dated :

Residence : Dayton, Ohio

12-3-07

Inventor's signature  _____

Date 12/3/07

Full name : YANN G. GUEZENNEC

Declaration dated :

Residence : UPPER ARLINGTON, OHIO

12/3/07

PATENT