

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Mark D Carr</td><td>10/03/2007</td></tr><tr><td>Frank W Schipperijn</td><td>10/02/2007</td></tr><tr><td>Shuanita Robinson</td><td>10/18/2007</td></tr></tbody></table>		Name	Execution Date	Mark D Carr	10/03/2007	Frank W Schipperijn	10/02/2007	Shuanita Robinson	10/18/2007
Name	Execution Date								
Mark D Carr	10/03/2007								
Frank W Schipperijn	10/02/2007								
Shuanita Robinson	10/18/2007								
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>11954800</td></tr></tbody></table>		Property Type	Number	Application Number:	11954800				
Property Type	Number								
Application Number:	11954800								
CORRESPONDENCE DATA									
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	P001587-PTE-CD								
NAME OF SUBMITTER:	Michael D. Wiggins								
Total Attachments: 3 source=Assignment P001587#page1.tif									

CH \$40.00 11954800

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PATENT
REEL: 020257 FRAME: 0595

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 P001587-PTE-CD entitled

WEAK REFUEL DETECTION SYSTEM AND METHOD FOR VIRTUAL FLEX FUEL SENSOR SYSTEM

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney Michael D. Wiggins to insert the application number and filing date of said application here in parentheses (11/954,800 filed Dec. 12, 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
60/969297 31-AUG-2007

Inventor's signature Mark D. Carr Date 10-03-07

Full name : MARK D. CARR Declaration dated :
Residence : FENTON, MICHIGAN 10-03-07

Inventor's signature _____ Date _____

Full name : FRANK W. SCHIPPERIJN Declaration dated :
Residence : ROCHESTER, MI _____

Inventor's signature _____ Date _____

Full name : SHUANITA ROBINSON Declaration dated :
Residence : Romulus, MI _____

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US Provisional Serial No	Filed
60/969297	31-AUG-2007

Inventor's signature	_____	Date	_____
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Full name :	MARK D. CARR	Declaration dated :	
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Residence :	FENTON, MICHIGAN		_____
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Inventor's signature	<u>Frank W. Schipperijn</u>	Date	<u>OCTOBER 2, 2007</u>
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Full name :	FRANK W. SCHIPPERIJN	Declaration dated :	
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Residence :	ROCHESTER, MI		<u>OCTOBER 2, 2007</u>
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Inventor's signature	_____	Date	_____
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Full name :	SHUANITA ROBINSON	Declaration dated :	
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Residence :	Romulus, MI		_____
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Full name :	MARK D. CARR	Declaration dated :	_____
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Residence :	FENTON, MICHIGAN		_____
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Inventor's signature	_____	Date	_____
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Full name :	FRANK W. SCHIPPERIJN	Declaration dated :	_____
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Residence :	ROCHESTER, MI		_____
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Inventor's signature	<u>Shuanita Robinson</u>	Date	<u>October 18, 2007</u>
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Full name :	SHUANITA ROBINSON	Declaration dated :	_____
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Residence :	Romulus, MI		<u>October 18, 2007</u>
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