

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>QI MA</td><td>04/26/2006</td></tr><tr><td>STEPHEN YURKOVICH</td><td>04/27/2006</td></tr><tr><td>KENNETH P. DUDEK</td><td>04/26/2006</td></tr><tr><td>STEPHEN K. FULCHER</td><td>05/12/2006</td></tr><tr><td>ROBERT X. MONCHAMP</td><td>04/26/2006</td></tr></tbody></table>	Name	Execution Date	QI MA	04/26/2006	STEPHEN YURKOVICH	04/27/2006	KENNETH P. DUDEK	04/26/2006	STEPHEN K. FULCHER	05/12/2006	ROBERT X. MONCHAMP	04/26/2006	
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ROBERT X. MONCHAMP	04/26/2006												
RECEIVING PARTY DATA													
Name:	GM GLOBAL TECHNOLOGY OPERATIONS, INC												
Street Address:	300 Renaissance Center												
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>11390975</td></tr></tbody></table>	Property Type	Number	Application Number:	11390975									
Property Type	Number												
Application Number:	11390975												
CORRESPONDENCE DATA													
Fax Number:	(248)267-7989												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	313-665-7536												
Email:	stephanie.harbin-toles@gm.com												
Correspondent Name:	Christopher DeVries												
Address Line 1:	300 Renaissance Center												
Address Line 2:	Mail Code 482-C23-B21												
Address Line 4:	Detroit, MICHIGAN 48265-3000												
ATTORNEY DOCKET NUMBER:	GP-306813												

CH \$40.00 11390975

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PATENT
REEL: 017918 FRAME: 0983

NAME OF SUBMITTER:

Stephanie Harbin

Total Attachments: 4

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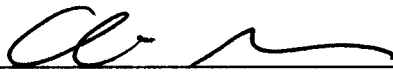
ASSIGNMENT

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, in the improvements set forth in the United States patent application GP-306813 entitled

**UTILIZED FUNCTION FOR FUEL DYNAMICS DURING ENGINE START
AND CRANK-TO-RUN TRANSITION**

This application claims priority from U. S. Provisional Application 60/676,608 filed April 29, 2005.

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHRISTOPHER DEVRIES to insert the application number and filing date of said application here in parentheses (11/390975 filed March 28, 2006) when known.

Inventor's signature  Date Apr. 26. 06

Full name : QI MA

Declaration dated :

Residence : FARMINGTON HILLS, MICHIGAN

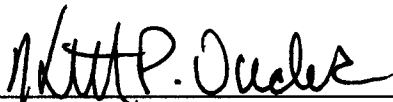
Apr. 26. 06

Inventor's signature _____ Date _____

Full name : STEPHEN YURKOVICH

Declaration dated :

Residence : COLUMBUS, OHIO

Inventor's signature  Date 04/26/2006

Full name : KENNETH P. DUDEK

Declaration dated :

Residence : ROCHESTER HILLS, MICHIGAN

04/26/2006

Inventor's signature _____ Date _____

Full name : STEPHEN K. FULCHER

Declaration dated :

Residence : CLOVIS, NEW MEXICO

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Full name : STEPHEN YURKOVICH Declaration dated :

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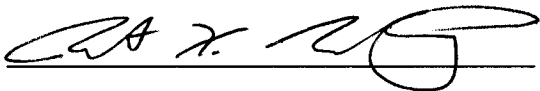
Full name : KENNETH P. DUDEK Declaration dated :

Residence : ROCHESTER HILLS, MICHIGAN _____

Inventor's signature  Date May 12, 2006

Full name : STEPHEN K. FULCHER Declaration dated :

Residence : CLOVIS, NEW MEXICO May 12, 2006

Inventor's signature  Date 4-26-06

Full name : ROBERT X. MONCHAMP Declaration dated :

Residence : ANN ARBOR, MICHIGAN 4-26-06