

## 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>Halim G. Santoso</td> <td>10/02/2012</td> </tr> <tr> <td>James R. Yurgil</td> <td>10/10/2012</td> </tr> <tr> <td>Stuart R. Smith</td> <td>10/11/2012</td> </tr> <tr> <td>Robert Douglas Shafto</td> <td>10/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Halim G. Santoso	10/02/2012	James R. Yurgil	10/10/2012	Stuart R. Smith	10/11/2012	Robert Douglas Shafto	10/09/2012		
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>GM Global Technology Operations LLC</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 300</td> </tr> <tr> <td>Internal Address:</td> <td>Mail Code 482-C23-B21</td> </tr> <tr> <td>City:</td> <td>Detroit</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48265-3000</td> </tr> </table>		Name:	GM Global Technology Operations LLC	Street Address:	P.O. Box 300	Internal Address:	Mail Code 482-C23-B21	City:	Detroit	State/Country:	MICHIGAN	Postal Code:	48265-3000
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 2486410270</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 248-641-1600</p> <p>Email: cburns@hdp.com</p> <p>Correspondent Name: Harness, Dickey &amp; Pierce, P.L.C.</p> <p>Address Line 1: 5445 Corporate Drive</p> <p>Address Line 2: Suite 200</p> <p>Address Line 4: Troy, MICHIGAN 48098</p>													
ATTORNEY DOCKET NUMBER:	P015060												
NAME OF SUBMITTER:	Carla M. Burns												
<p>Total Attachments: 2</p> <p>source=ASSIGNMENT_P015060#page1.tif</p> <p>source=ASSIGNMENT_P015060#page2.tif</p>													

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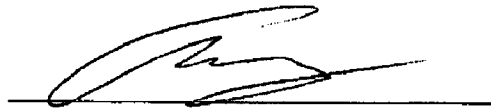
**ASSIGNMENT**

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P015060-PTUS-CD entitled

**SYSTEM AND METHOD FOR CONTROLLING FUEL INJECTION WHEN AN ENGINE IS  
AUTOMATICALLY STARTED TO DECREASE AN ENGINE STARTUP PERIOD**

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 74175 to insert the application number and filing date of said application here in parentheses (13/672,126 filed November 8, 2012) when known.

Inventor's signature

Date 10/2/12

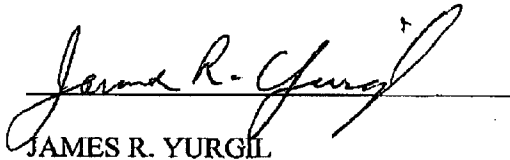
Full name :

HALIM G. SANTOSO

Residence :

Novi, Michigan

Inventor's signature

Date 10/10/2012

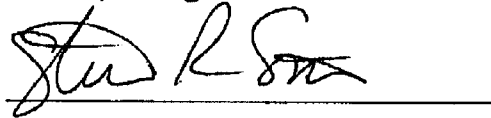
Full name :

JAMES R. YURGIL

Residence :

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Inventor's signature

Date 10/11/2012

Full name :

STUART R. SMITH

Residence :

Howell, Michigan

P015060-PTUS-CD, Page 2

Inventor's signature Robert Douglas Shafto

Date 10-9-12

Full name : ROBERT DOUGLAS SHAFTO

Residence : NEW HUDSON, MI