

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>Vijay Ramappan</td> <td>12/18/2012</td> </tr> <tr> <td>Darrell W. Burleigh</td> <td>12/18/2012</td> </tr> <tr> <td>Gerald W. Fly</td> <td>12/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Vijay Ramappan	12/18/2012	Darrell W. Burleigh	12/18/2012	Gerald W. Fly	12/21/2012				
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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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13756869</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13756869								
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CORRESPONDENCE DATA													
<p>Fax Number: 2486410270 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 248-641-1600 Email: cburns@hdp.com Correspondent Name: Harness, Dickey & Pierce, P.L.C. Address Line 1: 5445 Corporate Drive Address Line 2: Suite 200 Address Line 4: Troy, MICHIGAN 48098</p>													
ATTORNEY DOCKET NUMBER:	P019712-PTUS-CD												
NAME OF SUBMITTER:	Carla M. Burns												
Total Attachments: 1 source=ASSIGNMENT_P019712#page1.tif													

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P019712-PTUS-CD, Page 1

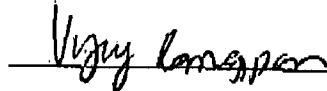
ASSIGNMENT

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 P019712-PTUS-CD entitled

EXTERNAL EGR RATE FEEDBACK

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 (13/756,869 filed February 1, 2013) when known.

Inventor's signature



Date 12-18-12

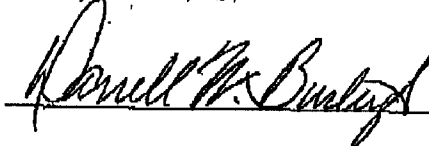
Full name :

VIJAY RAMAPPAN

Residence :

NOVI, MICHIGAN

Inventor's signature



Date 18 DEC 12

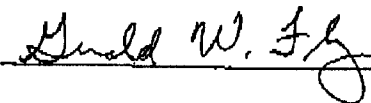
Full name :

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Inventor's signature



Date 21 DEC 12

Full name :

GERALD W. FLY

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