

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>Rachid G. Abou-Kasm</td> <td>03/21/2012</td> </tr> <tr> <td>Robert W. Leschuk</td> <td>03/21/2012</td> </tr> <tr> <td>Donald A. Eveleth</td> <td>03/21/2012</td> </tr> <tr> <td>Daniel R. Gee</td> <td>03/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Rachid G. Abou-Kasm	03/21/2012	Robert W. Leschuk	03/21/2012	Donald A. Eveleth	03/21/2012	Daniel R. Gee	03/21/2012		
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<table border="1"> <tr> <td>Name:</td> <td>GM GLOBAL TECHNOLOGY OPERATIONS LLC</td> </tr> <tr> <td>Street Address:</td> <td>300 Renaissance Center; Mail Code 482-C23-B21</td> </tr> <tr> <td>Internal Address:</td> <td>P.O. Box 300</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:	300 Renaissance Center; Mail Code 482-C23-B21	Internal Address:	P.O. Box 300	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>13424986</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13424986								
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Application Number:	13424986												
CORRESPONDENCE DATA													
Fax Number:	(248)689-4071												
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Michael C. Adams												
Address Line 1:	755 W. Big Beaver Road, Suite 1850												
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ATTORNEY DOCKET NUMBER:	P018939-GMVE-LDA												
NAME OF SUBMITTER:	Michael C. Adams												
Total Attachments: 1 source=P018939_Signed_Assignment#page1.tif													


CH \$40.00 13424986

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 P018939-GMVE-LDA entitled

UNIVERSAL CONTROL UNIT FOR BRUSHED OR BRUSHLESS DC MOTOR

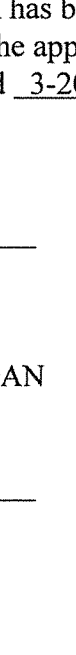
for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 60770 to insert the application number and filing date of said application here in parentheses (13/424,986 filed 3-20-2012) when known.

Inventor's signature  Date March 21, 2012

Full name : RACHID G. ABOU-KASM
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Inventor's signature  Date March 21, 2012

Full name : ROBERT W. LESCHUK
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Inventor's signature  Date March 21, 2012

Full name : DANIEL R. GEE
Residence : NOVI, MICHIGAN