

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>Philip C. Lundberg</td> <td>01/23/2012</td> </tr> <tr> <td>Shushan Bai</td> <td>01/23/2012</td> </tr> <tr> <td>Edwin T. Grochowski</td> <td>01/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Philip C. Lundberg	01/23/2012	Shushan Bai	01/23/2012	Edwin T. Grochowski	01/23/2012
Name	Execution Date								
Philip C. Lundberg	01/23/2012								
Shushan Bai	01/23/2012								
Edwin T. Grochowski	01/23/2012								
RECEIVING PARTY DATA									
Name:	GM Global Technology Operations LLC								
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>13359983</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13359983				
Property Type	Number								
Application Number:	13359983								
CORRESPONDENCE DATA									
Fax Number:	(734)418-3320								
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NAME OF SUBMITTER:	Raymond J. Vivacqua								
Total Attachments: 1 source=Assignment-P018859-PTUS-DLT#page1.tif									

CH \$40.00 13359983

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 P018859-PTUS-DLT entitled

VARIATOR ASSEMBLY

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 76438 to insert the application number and filing date of said application here in parentheses (13/359983 filed 27-JANUARY-2012) when known.

Inventor's signature Philip C. Lundberg Date 1/23/2012

Full name : PHILIP C. LUNDBERG

Residence : KEEGO HARBOR, MICHIGAN

Inventor's signature Shushan Bai Date 1/23/2012

Full name : SHUSHAN BAI

Residence : ANN ARBOR, MICHIGAN

Inventor's signature Edwin T. Grochowski Date 1-23-12

Full name : EDWIN T. GROCHOWSKI

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