

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>Mark A. Vernacchia</td><td>09/12/2011</td></tr><tr><td>Brian W. Whitmarsh</td><td>09/14/2011</td></tr><tr><td>Joshua E. Lehrmann</td><td>09/13/2011</td></tr><tr><td>Wayne B. Vogel</td><td>09/13/2011</td></tr><tr><td>Todd W. Rooney</td><td>09/12/2011</td></tr></tbody></table>		Name	Execution Date	Mark A. Vernacchia	09/12/2011	Brian W. Whitmarsh	09/14/2011	Joshua E. Lehrmann	09/13/2011	Wayne B. Vogel	09/13/2011	Todd W. Rooney	09/12/2011
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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>300 Renaissance Center</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:	300 Renaissance Center	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>13030439</td></tr></tbody></table>		Property Type	Number	Application Number:	13030439								
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Application Number:	13030439												
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PATENT  
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NAME OF SUBMITTER:

Raymond J. Vivacqua

Total Attachments: 3

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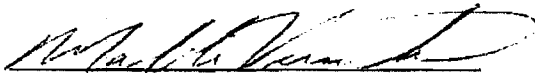
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**ASSIGNMENT**

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 P001623-PTUS-DLT entitled

**CONTROL SYSTEM FOR ELECTRONIC RANGE SELECTION IN A DUAL CLUTCH TRANSMISSION AND FOR A DIFFERENTIAL IN A TRANSMISSION**

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 ( 13/030439 filed 18-FEBRUARY-2011 ) when known.

Inventor's signature  Date 12 SEP 11

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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : BRIAN W. WHITMARSH  
Residence : COMMERCE, MICHIGAN

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : JOSHUA E. LEHRMANN  
Residence : ANN ARBOR, MICHIGAN

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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : MARK A. VERNACCHIA

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Inventor's signature Brian W. Whitmarsh Date 9-14-2011

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