

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>Daryl A. Wilton</td><td>11/28/2011</td></tr><tr><td>James M. Hart</td><td>11/22/2011</td></tr><tr><td>John C. Schultz</td><td>11/22/2011</td></tr><tr><td>David R. Staley</td><td>11/28/2011</td></tr></tbody></table>		Name	Execution Date	Daryl A. Wilton	11/28/2011	James M. Hart	11/22/2011	John C. Schultz	11/22/2011	David R. Staley	11/28/2011		
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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>13309427</td></tr></tbody></table>		Property Type	Number	Application Number:	13309427								
Property Type	Number												
Application Number:	13309427												
CORRESPONDENCE DATA													
Fax Number: (734)418-3320													
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ATTORNEY DOCKET NUMBER:	P015071-PTUS-DLT												
NAME OF SUBMITTER:	Raymond J. Vivacqua												
Total Attachments: 2 source=Assignment-P015071-PTUS-DLT#page1.tif source=Assignment-P015071-PTUS-DLT#page2.tif													

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PATENT

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ASSIGNMENT

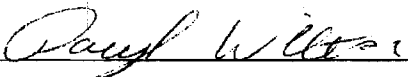
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P015071-PTUS-DLT entitled

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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 (13/309427 filed 01-DECEMBER-2011) when known.

If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

US Provisional Serial No	Filed
61/430526	06-JAN-2011

Inventor's signature  Date Nov 28 2011

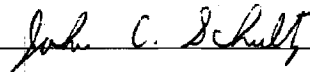
Full name : DARYL A. WILTON

Residence : MACOMB, MICHIGAN

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Full name : JAMES M. HART

Residence : BELLEVILLE, MICHIGAN

Inventor's signature  Date 22 NOV 11

Full name : JOHN C. SCHULTZ

Residence : SALINE, MICHIGAN

Inventor's signature David R. Staley Date 28 Nov 11
Full name : DAVID R. STALEY
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