

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3861740

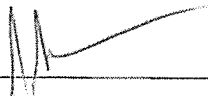
<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSHUA A. VALLENDER	05/04/2016
DOUGLAS S. CESIEL	05/04/2016
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<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48265-3000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15147416
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<b>ATTORNEY DOCKET NUMBER:</b>	P033326-GMVE-RRM/GM4361
<b>NAME OF SUBMITTER:</b>	CAROL A. PIERSON
<b>SIGNATURE:</b>	/Carol A. Pierson/
<b>DATE SIGNED:</b>	05/06/2016
<b>Total Attachments: 1</b> source=Assignment_P033326#page1.tif	

**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 P033326-GMVE-RRM 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. 72823 to insert the application number and filing date of said application here in parentheses (15/147416 filed 05-MAY-2016) when known.

Inventor's signature  Date 5/4/2016

Full name : JOSHUA A. VALLENDER

Residence : FARMINGTON, MICHIGAN

Inventor's signature  Date May 4, 2016

Full name : DOUGLAS S. CESIEL

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