

## 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>Daniel A. Bialas</td><td>04/28/2011</td></tr><tr><td>Igor Anilovich</td><td>04/28/2011</td></tr><tr><td>Morena Bruno</td><td>05/02/2011</td></tr><tr><td>Michele Bilancia</td><td>05/11/2011</td></tr></tbody></table>	Name	Execution Date	Daniel A. Bialas	04/28/2011	Igor Anilovich	04/28/2011	Morena Bruno	05/02/2011	Michele Bilancia	05/11/2011			
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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>P.O. Box 300</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:	P.O. Box 300	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>13111318</td></tr></tbody></table>	Property Type	Number	Application Number:	13111318									
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Application Number:	13111318												
CORRESPONDENCE DATA													
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ATTORNEY DOCKET NUMBER:	P015397-PTUS-CD												
NAME OF SUBMITTER:	Michael D. Wiggins												
Total Attachments: 3 source=Assignment_P015397#page1.tif source=Assignment_P015397#page2.tif source=Assignment_P015397#page3.tif													

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PATENT  
REEL: 026466 FRAME: 0106

### 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 P015397-PTUS-CD entitled

#### SYSTEM AND METHOD FOR DETERMINING COOLANT FLOW IN AN ENGINE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize any patent practitioner associated with Customer Number 74175 to insert the application number and filing date of said application here in parentheses (13/111318 filed May 19, 2011) when known.

Inventor's signature Daniel A. Bialas Date 4/28/2011

Full name : Daniel A. Bialas Declaration dated :  
Residence : Ann Arbor, Michigan 4/28/2011

Inventor's signature Igor Anilovich Date 4/28/2011

Full name : Igor Anilovich Declaration dated :  
Residence : Walled Lake, Michigan 4/28/2011

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

Full name : Morena Bruno Declaration dated :  
Residence : Chivasso (Torino), Italy \_\_\_\_\_

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

Full name : Michele Bilancia Declaration dated :  
Residence : Torino, Italy \_\_\_\_\_

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

Date \_\_\_\_\_

Full name : Igor Anilovich

Declaration dated :

Residence : Walled Lake, Michigan

Inventor's signature Morena Bruno

Date 02 May 2011

Full name : Morena Bruno

Declaration dated :

Residence : Chivasso (Torino), Italy

02 May 2011

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

Date \_\_\_\_\_

Full name : Michele Bilancia

Declaration dated :

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Declaration dated :

Residence : Chivasso (Torino), Italy

Inventor's signature Michele Bilancia

Date 5/11/2011

Full name : Michele Bilancia

Declaration dated :

Residence : Torino, Italy

5/11/2011