

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ion C. Halalay</td> <td>11/09/2009</td> </tr> <tr> <td>Eric W. Schneider</td> <td>11/09/2009</td> </tr> <tr> <td>Robert M Olree</td> <td>11/11/2009</td> </tr> <tr> <td>David R. Staley</td> <td>11/06/2009</td> </tr> </tbody> </table>		Name	Execution Date	Ion C. Halalay	11/09/2009	Eric W. Schneider	11/09/2009	Robert M Olree	11/11/2009	David R. Staley	11/06/2009		
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>GM Global Technology Operations, Inc.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>300 Renaissance Center</td> </tr> <tr> <td><b>Internal Address:</b></td> <td>Mail Code 482-C23-B21</td> </tr> <tr> <td><b>City:</b></td> <td>Detroit</td> </tr> <tr> <td><b>State/Country:</b></td> <td>MICHIGAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>48265-3000</td> </tr> </table>		<b>Name:</b>	GM Global Technology Operations, Inc.	<b>Street Address:</b>	300 Renaissance Center	<b>Internal Address:</b>	Mail Code 482-C23-B21	<b>City:</b>	Detroit	<b>State/Country:</b>	MICHIGAN	<b>Postal Code:</b>	48265-3000
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p><b>Fax Number:</b> (248)689-4071</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p><b>Phone:</b> 248-689-3500</p> <p><b>Email:</b> clark@reising.com</p> <p><b>Correspondent Name:</b> General Motors Corporation c/o REISING,</p> <p><b>Address Line 1:</b> P.O. BOX 4390</p> <p><b>Address Line 4:</b> TROY, MICHIGAN 48099-4390</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	P002850 (7610.3115.001)												
<b>NAME OF SUBMITTER:</b>	Cary W. Brooks												

CH \$40.00 12624654

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**PATENT**  
**REEL: 023563 FRAME: 0153**

**Total Attachments: 3**

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### ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P002850-R&D-MJL entitled

#### ON-BOARD METHOD AND SYSTEM FOR MONITORING ONSET OF RAPID OIL OXIDATION AND SLUDGE FORMATION IN ENGINE OILS

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 60770 to insert the application number and filing date of said application here in parentheses (12/624,654 filed November 24, 2009) when known.

Inventor's signature	<u>Ion Halalay</u>	Date	<u>November 9, 2009</u>
Full name :	ION C. HALALAY	Declaration dated :	
Residence :	GROSSE POINTE PARK, MICHIGAN		<u>11-09-2009</u>
Inventor's signature	<u>Eric W. Schneider</u>	Date	<u>November 9, 2009</u>
Full name :	ERIC W. SCHNEIDER	Declaration dated :	
Residence :	SHELBY TOWNSHIP, MICHIGAN		<u>11-09-09</u>
Inventor's signature	_____	Date	_____
Full name :	ROBERT M. OLREE	Declaration dated :	
Residence :	TROY, MICHIGAN		_____
Inventor's signature	_____	Date	_____
Full name :	DAVID R. STALEY	Declaration dated :	
Residence :	FLUSHING, MICHIGAN		_____

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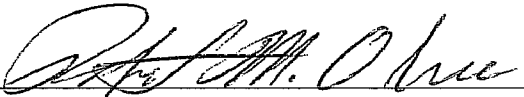
Full name : ION C. HALALAY Declaration dated :

Residence : GROSSE POINTE PARK, MICHIGAN \_\_\_\_\_

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

Full name : ERIC W. SCHNEIDER Declaration dated :

Residence : SHELBY TOWNSHIP, MICHIGAN \_\_\_\_\_

Inventor's signature  Date November 16, 2009

Full name : ROBERT M. OLREE Declaration dated :

Residence : TROY, MICHIGAN \_\_\_\_\_

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

Full name : DAVID R. STALEY Declaration dated :

Residence : FLUSHING, MICHIGAN \_\_\_\_\_

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Full name : ION C. HALALAY Declaration dated : \_\_\_\_\_

Residence : GROSSE POINTE PARK, MICHIGAN \_\_\_\_\_

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

Full name : ERIC W. SCHNEIDER Declaration dated : \_\_\_\_\_

Residence : SHELBY TOWNSHIP, MICHIGAN \_\_\_\_\_

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

Full name : ROBERT M. OLREE Declaration dated : \_\_\_\_\_

Residence : TROY, MICHIGAN \_\_\_\_\_

Inventor's signature David R. Staley Date 06 NOV 09

Full name : DAVID R. STALEY Declaration dated : \_\_\_\_\_

Residence : FLUSHING, MICHIGAN 06 NOV 09