

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>Christopher C. Swoish</td> <td>01/26/2012</td> </tr> <tr> <td>Christopher Whitt</td> <td>01/26/2012</td> </tr> <tr> <td>Douglas Christopher Sarsen</td> <td>01/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christopher C. Swoish	01/26/2012	Christopher Whitt	01/26/2012	Douglas Christopher Sarsen	01/26/2012
Name	Execution Date								
Christopher C. Swoish	01/26/2012								
Christopher Whitt	01/26/2012								
Douglas Christopher Sarsen	01/26/2012								
RECEIVING PARTY DATA									
Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC								
Street Address:	300 Renaissance Center								
Internal Address:	M/C 482-C23-B21								
City:	Detroit								
State/Country:	MICHIGAN								
Postal Code:	48265-3000								
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>13368427</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13368427				
Property Type	Number								
Application Number:	13368427								
CORRESPONDENCE DATA									
Fax Number:	(248)524-2700								
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Correspondent Name:	Cantor Colburn LLP-General Motors								
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ATTORNEY DOCKET NUMBER:	P016933-PTUS-RRM								
NAME OF SUBMITTER:	David P. Wood								
Total Attachments: 1 source=66U8866#page1.tif									

CH \$40.00 13368427

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 P016933-PTUS-RRM entitled

METHOD FOR CONTROLLING REGENERATION WITHIN AN AFTER-TREATMENT COMPONENT OF A COMPRESSION-IGNITION ENGINE

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 80748 to insert the application number and filing date of said application here in parentheses (13/368,427 filed February 8, 2012) when known.

Inventor's signature Christopher C. Swoish Date 01/26/2012

Full name : CHRISTOPHER C. SWOISH

Residence : LAPEER, MICHIGAN

Inventor's signature Christopher Whitt Date 1/26/2012

Full name : CHRISTOPHER WHITT

Residence : HOWELL, MICHIGAN

Inventor's signature Douglas S. Sarsen Date 1/26/2012

Full name : DOUGLAS CHRISTOPHER SARSEN

Residence : HOWELL, MICHIGAN