

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>Rebecca J. Darr</td> <td>06/14/2012</td> </tr> <tr> <td>Paul Jasinkiewicz</td> <td>06/14/2012</td> </tr> <tr> <td>Matthew King</td> <td>06/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Rebecca J. Darr	06/14/2012	Paul Jasinkiewicz	06/14/2012	Matthew King	06/26/2012
Name	Execution Date								
Rebecca J. Darr	06/14/2012								
Paul Jasinkiewicz	06/14/2012								
Matthew King	06/26/2012								
RECEIVING PARTY DATA									
Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC								
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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>13471672</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13471672				
Property Type	Number								
Application Number:	13471672								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Karl F. Barr, Jr.								
Total Attachments: 2 source=6BY7867#page1.tif source=6BY7867#page2.tif									

OP \$40.00 13471672

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 P015580-PTUS-RRM entitled

EXHAUST TREATMENT METHODS AND SYSTEMS

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 (13/471.672 filed May 15, 2012) 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 61/487066 Filed 17-MAY-2011

Inventor's signature [Signature] Date 14 JUN 12

Full name : REBECCA J. DARR

Residence : MILFORD, MICHIGAN

Inventor's signature [Signature] Date 14 Jun 12

Full name : PAUL JASINKIEWICZ

Residence : NORTHVILLE, MICHIGAN

Inventor's signature _____ Date _____

Full name : MATTHEW KING

Residence : ARDEN, NORTH CAROLINA

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 P015580-PTUS-RRM entitled

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61/487066	17-MAY-2011

Inventor's signature _____ Date _____

Full name : REBECCA J. DARR

Residence : MILFORD, MICHIGAN

Inventor's signature _____ Date _____

Full name : PAUL JASINKIEWICZ

Residence : NORTHVILLE, MICHIGAN

Inventor's signature  _____ Date 6/26/2012

Full name : MATTHEW KING

Residence : ARDEN, NORTH CAROLINA