

# 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>Jianwen Li</td> <td>05/13/2009</td> </tr> <tr> <td>Michael Christopher Luckham</td> <td>05/18/2009</td> </tr> <tr> <td>Paul Jasinkiewicz</td> <td>05/18/2009</td> </tr> <tr> <td>Rebecca J. Darr</td> <td>05/18/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jianwen Li	05/13/2009	Michael Christopher Luckham	05/18/2009	Paul Jasinkiewicz	05/18/2009	Rebecca J. Darr	05/18/2009		
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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>P.O. BOX 300</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>	P.O. BOX 300	<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>Application Number:</b>	12479028												
<b>CORRESPONDENCE DATA</b>													
<p><b>Fax Number:</b> (248)641-0270</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p><b>Phone:</b> 248 641 1600</p> <p><b>Email:</b> madams@hdp.com</p> <p><b>Correspondent Name:</b> Harness Dickey &amp; Pierce, P.L.C.</p> <p><b>Address Line 1:</b> P.O. Box 828</p> <p><b>Address Line 4:</b> Bloomfield Hills, MICHIGAN 48303</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	P006768-PTE-CD												
<b>NAME OF SUBMITTER:</b>	Michael D. Wiggins												

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**PATENT**  
**REEL: 022787 FRAME: 0227**

Total Attachments: 1  
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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 P006768-PTE-CD entitled

#### REGENERATION SYSTEMS AND METHODS FOR PARTICULATE FILTERS BY USING VIRTUAL BRICK TEMPERATURE SENSORS

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 (12/479028 filed June 5, 2009) when known.

Inventor's signature Jianwen Li Date 5/13/2009

Full name : JIANWEN LI

Declaration dated :

Residence : CANTON, MICHIGAN

5/13/2009

Inventor's signature Michael Christopher Luckham Date 5/18/09

Full name : MICHAEL CHRISTOPHER LUCKHAM

Declaration dated :

Residence : HIGHLAND, MICHIGAN

5/18/09

Inventor's signature Paul Jasinkiewicz Date 5/18/09

Full name : PAUL JASINKIEWICZ

Declaration dated :

Residence : NORTHVILLE, MICHIGAN

5/18/09

Inventor's signature Rebecca J Darr Date 18 MAY 09

Full name : REBECCA J DARR

Declaration dated :

Residence : MILFORD, MICHIGAN

18 MAY 09

PATENT