

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>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
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										
<b>RECEIVING PARTY DATA</b>											
Name:	GM GLOBAL TECHNOLOGY OPERATIONS, INC.										
Street Address:	P.O. BOX 300										
Internal Address:	Mail Code 482-C23-B21										
City:	DETROIT										
State/Country:	MICHIGAN										
Postal Code:	48265-3000										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12479028</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12479028						
Property Type	Number										
Application Number:	12479028										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(248)641-0270										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	248 641 1600										
Email:	madams@hdp.com										
Correspondent Name:	Harness Dickey & Pierce, P.L.C.										
Address Line 1:	P.O. Box 828										
Address Line 4:	Bloomfield Hills, MICHIGAN 48303										
ATTORNEY DOCKET NUMBER:	P006768-PTE-CD										
NAME OF SUBMITTER:	Michael D. Wiggins										

CH \$40.00 12479028

Total Attachments: 1  
source=ASSIGNMENT P006768#page1.tif

**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