

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>Shouxian Ren</td> <td>03/18/2013</td> </tr> <tr> <td>Rahul Mital</td> <td>03/12/2013</td> </tr> <tr> <td>James B Rodgers</td> <td>03/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Shouxian Ren	03/18/2013	Rahul Mital	03/12/2013	James B Rodgers	03/12/2013
Name	Execution Date								
Shouxian Ren	03/18/2013								
Rahul Mital	03/12/2013								
James B Rodgers	03/12/2013								
RECEIVING PARTY DATA									
Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC								
Street Address:	P.O. Box 300								
Internal Address:	Mail Code 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>13848109</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13848109				
Property Type	Number								
Application Number:	13848109								
CORRESPONDENCE DATA									
Fax Number:	2483808968								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	248-380-9300								
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ATTORNEY DOCKET NUMBER:	P022108-PTUS-RRM/GM3031								
NAME OF SUBMITTER:	Christopher W. Quinn								
Total Attachments: 1 source=Assignment_P022108#page1.tif									

CH \$40.00 13848109

PATENT

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 P022108-PTUS-RRM entitled

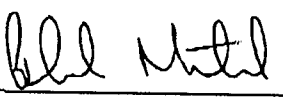
COMPACT EXHAUST GAS TREATMENT SYSTEMS FOR DIESEL APPLICATIONS

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 72823 to insert the application number and filing date of said application here in parentheses (13/848109 filed 21-MAR-2013) when known.

Inventor's signature  Date 3/18/2013

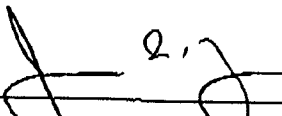
Full name : SHOUXIAN REN

Residence : YPSILANTI, MICHIGAN

Inventor's signature  Date 3/12/2013

Full name : RAHUL MITAL

Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature  Date 3/12/2013

Full name : JAMES B RODGERS

Residence : CLARKSTON, MICHIGAN