

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Byong K. Cho</td><td>12/13/2006</td></tr><tr><td>Joon-Hyun Baik</td><td>12/11/2006</td></tr></tbody></table>		Name	Execution Date	Byong K. Cho	12/13/2006	Joon-Hyun Baik	12/11/2006
Name	Execution Date						
Byong K. Cho	12/13/2006						
Joon-Hyun Baik	12/11/2006						
RECEIVING PARTY DATA							
Name:	GM Global Technology Operations, Inc.						
Street Address:	300 Renaissance Center						
Internal Address:	MC 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>11566693</td></tr></tbody></table>		Property Type	Number	Application Number:	11566693		
Property Type	Number						
Application Number:	11566693						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	GP-307580-RD-JMC						
NAME OF SUBMITTER:	Eleanor J. Halik						
Total Attachments: 2 source=GP-307580-RD-JMC_Assignment#page1.tif							

CH \$40.00 11566693

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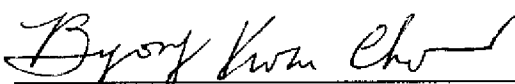
PATENT
REEL: 018965 FRAME: 0753

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 GP-307580-US-NP/R&D/JMC entitled

**HYBRID CATALYST FOR NO_x REDUCTION USING
FUEL HYDROCARBONS AS REDUCTANT**

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney JOHN M. CARD to insert the application number and filing date of said application here in parentheses (11/566693 filed 05-DEC-2006) when known.

Inventor's signature	<u></u>	Date	<u>12/13/06</u>
Full name :	BYONG K. CHO	Declaration dated :	
Residence :	ROCHESTER HILLS, MICHIGAN		<u>12/13/06</u>
Inventor's signature	_____	Date	_____
Full name :	JOON-HYUN BAIK	Declaration dated :	
Residence :	POHANG, KOREA		_____

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Inventor's signature _____ Date _____

Full name : BYONG K. CHO

Declaration dated : _____

Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature

Joon Hyun Baik

Date 12/11/06

Full name : JOON-HYUN BAIK

Declaration dated : _____

Residence : POHANG, KOREA

12/11/06