

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Yan Zhang	04/05/2010
John C. Fagley	04/05/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GM Global Technology Operations, Inc.
<b>Street Address:</b>	300 Renaissance Center
<b>Internal Address:</b>	M/C 482-C23-B21
<b>City:</b>	Detroit
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48265-3000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12755315
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)858-4201
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	248-858-4200
<b>Email:</b>	carlson@milleripgroup.com
<b>Correspondent Name:</b>	John Miller
<b>Address Line 1:</b>	42690 Woodward Avenue, Ste. 200
<b>Address Line 4:</b>	Bloomfield Hills, MICHIGAN 48304
<b>ATTORNEY DOCKET NUMBER:</b>	P004225-FCA-CHE
<b>NAME OF SUBMITTER:</b>	John A. Miller
<b>Total Attachments: 1</b> source=P004225_assignment#page1.tif	

CH \$40.00 12755315

501140848

**PATENT**  
**REEL: 024194 FRAME: 0494**

**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 P004225-FCA-CHE entitled

**USING AN EFFECTIVENESS APPROACH TO MODEL A FUEL CELL MEMBRANE  
HUMIDIFICATION DEVICE**

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHARLES H. ELLERBROCK to insert the application number and filing date of said application here in parentheses (12/755,315 filed April 6, 2010) when known.

Inventor's signature	<u>Yan Zhang</u>	Date	<u>04/05/2010</u>
Full name :	YAN ZHANG	Declaration dated :	
Residence :	VICTOR, NEW YORK		<u>04/05/2010</u>
Inventor's signature	<u>John C. Fagley</u>	Date	<u>April 5, 2010</u>
Full name :	JOHN C. FAGLEY	Declaration dated :	
Residence :	VICTOR, NEW YORK		<u>April 5, 2010</u>