PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
John P. Salvador	03/04/2010
Joseph Nicholas Lovria	03/04/2010
Sriram Ganapathy	03/04/2010
John C. Fagley	03/04/2010

RECEIVING PARTY DATA

Name:	GM Global Technology Operations, Inc.
Street Address:	300 Renaissance Center
Internal Address:	M/C 482-C23-B21
City:	Detroit
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Postal Code:	48265-3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12721416

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P010336-FCA-CHE
NAME OF SUBMITTER:	John A. Miller

PATENT REEL: 024061 FRAME: 0534

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Total Attachments: 2 source=P010336_assignment#page1.tif source=P010336_assignment#page2.tif

PATENT REEL: 024061 FRAME: 0535

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 P010336-FCA-CHE entitled

ONLINE METHOD TO ESTIMATE HYDROGEN CONCENTRATION ESTIMATION IN FUEL CELL SYSTEMS AT SHUTDOWN AND STARTUP

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorneys JOHN A. MILLER and CHARLES H. ELLERBROCK to insert the application number and filing date of said application here in parentheses (12/721,416 filed March 10, 2010) when known.

If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

US Provisional Serial No	Filed
61/250429	09-OCT-2009

Date Mar. 4 10 Inventor's signature Declaration dated: JOHN P. SALVADOR Full name: PENFIELD, NEW YORK Residence: Date March 4, 2010 Inventor's signature Declaration dated: JØSEPH NICHOLAS LOVRIA Full name: HONEOYE FALLS, NEW YORK Residence: Inventor's signature Declaration dated: SRIRAM GANAPATHY Full name: ROCHESTER, NEW YORK Residence:

> PATENT REEL: 024061 FRAME: 0536

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Inventor's signature

JOHN C. FAGLEY

Residence:

Full name:

VICTOR, NEW YORK

Declaration dated:

PATENT

RECORDED: 03/10/2010 REEL: 024061 FRAME: 0537