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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2682103

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name	Execution Date			
JOSE C. ZAVALA JU	JRADO		10/01/2013			
YUE-YUN WANG			10/01/2013			
RECEIVING PARTY DATA						
Name:	GM Global Te	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 NUMBER	RS Total: 1					
Property Type		Number				
		1046027				
CORRESPONDENCE DATA Fox Number: (249)641,0370						
		2)641.0270				
CORRESPONDENCE Fax Number: Phone:	(248	3)641-0270 -641-1600				
Fax Number:	(248- 248-	3)641-0270 -641-1600 lams@hdp.com				
Fax Number: Phone: Email:	(248 248 mad	-641-1600				
Fax Number: Phone: Email: Correspondence will Correspondent Name	(248 248- mad <i>be sent via US Ma</i>	-641-1600 lams@hdp.com				
Fax Number: Phone: Email: Correspondence will	(248 248- mad <i>be sent via US Ma</i> : HAF P.O	641-1600 lams@hdp.com <i>ail when the email attempt is unsuccessful.</i>				

P025064-PTUS-CD

MICHELLE A. ADAMS

/Michelle A. Adams/

01/15/2014

Total Attachments: 2

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Signature:

Date:

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ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER:

PATENT REEL: 031970 FRAME: 0090

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 P025064-PTUS-CD entitled

SYSTEM AND METHOD FOR ESTIMATING A TURBINE OUTLET TEMPERATURE OR A TURBINE INLET TEMPERATURE BASED ON A WASTEGATE COMMAND

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 74175 to insert the application number and filing date of said application here in parentheses (14/046037 filed October 4, 2013) when known.

Inventor's signature	Jase Carls Zavoh	Date	Oct - 151-2013
Full name :	JOSE C. ZAVALA JURADO		
Residence:	ANN ARBOR, MICHIGAN		
Inventor's signature		Date	
Full name :	YUE-YUN WANG		
Residence:	TROY, MICHIGAN		

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Inventor's signature		Date
Full name :	JOSE C. ZAVALA JURADO	•
Residence :	ANN ARBOR, MICHIGAN	
Inventor's signature	Mulymorage	Date <u>Oct.1, 2013</u>
Full name :	YUE-YUN WANG	
Residence :	TROY, MICHIGAN	

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PATENT REEL: 031970 FRAME: 0092

RECORDED: 01/15/2014