503113377 12/23/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUE-YUN WANG	12/18/2014
IBRAHIM HASKARA	12/17/2014
CHEN-FANG CHANG	12/17/2014
STEVEN E. MULDOON	12/17/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14573554

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NAME OF SUBMITTER:	ANN J. MOTT
SIGNATURE:	/Ann J. Mott/
DATE SIGNED:	12/23/2014

Total Attachments: 4

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PATENT 503113377 REEL: 034574 FRAME: 0408

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PATENT REEL: 034574 FRAME: 0409

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 P025362-RD-SDJ entitled

ON-LINE ADAPTIVE PID CONTROL OF AIR CHARGING SYSTEM

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 70465 to insert the application number and filing date of said application here in parentheses (14/573,554 filed 17-DEC-2014) when known.

Inventor's signature	Mill Of	Date 12/18/2014
Full name:	YUE-YUN WANG	
Residence:	TROY, MICHIGAN	
Inventor's signature Full name: Residence:	IBRAHIM HASKARA MACOMB, MICHIGAN	Date_12/17/2014
Inventor's signature		Date
Full name:	CHEN-FANG CHANG	
Residence:	TROY, MICHIGAN	

PATENT REEL: 034574 FRAME: 0410

P025362-RD-SDJ, Page 2

Inventor's signature

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Date 12/17/2014

Full name:

STEVEN E. MULDOON

Residence:

ROYAL OAK, MICHIGAN

PATENT REEL: 034574 FRAME: 0411

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Inventor's signature		Date
Full name:	YUE-YUN WANG	
Residence:	TROY, MICHIGAN	
Inventor's signature		Date
Full name:	IBRAHIM HASKARA	
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Inventor's signature	Charley Chy	Date Dec 17, 2014
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REEL: 034574 FRAME: 0412

P025362-RD-SDJ, Page 2

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PATENT REEL: 034574 FRAME: 0413

RECORDED: 12/23/2014