PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kevin L. Perry	10/12/2009
Karthik Ramanathan	10/13/2009
Ashok Gopinath	10/13/2009
Steven J. Schmieg	10/12/2009

RECEIVING PARTY DATA

Name:	GM Global Technology Operations, Inc.
Street Address:	300 Renaissance Center
Internal Address:	Mail Code 482-C23-B21, P.O. Box 300
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State/Country:	MICHIGAN
Postal Code:	48265-3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12576412

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ATTORNEY DOCKET NUMBER:	P005540/RD/MJL(GMC8145)
NAME OF SUBMITTER:	Mona-Lisa Cichosz

REEL: 023495 FRAME: 0454

PATENT

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Total Attachments: 4

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PATENT REEL: 023495 FRAME: 0455

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 P005540/RD/MJL entitled

PASSIVE AMMONIA-SELECTIVE CATALYTIC REDUCTION FOR NO_X CONTROL IN INTERNAL COMBUSTION ENGINES

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize any patent practitioner associated with Customer No. 70465 to insert the application number and filing date of said application here in parentheses (12/576,412 filed 09-OCT-2009.

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

Filed

24-NOV-2008

US Provisional Serial No

61/117269

Inventor's signature	Hun Dlaws	Date 10/12/09
Full name :	KEVIN L, PERRY	Declaration dated:
Residence;	FRASER, MICHIGAN	10/12/09
Inventor's signature		Date
Full name :	KARTHIK RAMANATHAN	Declaration dated:
Residence:	BANGALORE, KARNATAKA	·
Inventor's signature		Date
Full name :	ASHOK GOPINATH	Declaration dated:
Residence :	BANGALORE, KARNATAKA	

PATENT REEL: 023495 FRAME: 0456

Customer No. 70465 P005540/RD/MJL, Page 2

Inventor's signature

Steen Schmen

Date /0/12/69

Full name:

STEVEN J. SCHMIEG

Declaration dated:

Residence:

TROY, MICHIGAN

10/12/09

PATENT

REEL: 023495 FRAME: 0457

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 P005540/RD/MJL entitled

PASSIVE AMMONIA-SELECTIVE CATALYTIC REDUCTION FOR NOx CONTROL IN INTERNAL COMBUSTION ENGINES

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Filed

24-NOV-2008

US Provisional Serial No

61/117269

Inventor's signature	· 	Date
Full name :	KEVIN L. PERRY	Declaration dated:
Residence :	FRASER, MICHIGAN	
Inventor's signature	Dlearue	Date_13 Oct 2001
Full name:	KARTHIK RAMANATHAN	Declaration dated:
Residence :	BANGALORE, KARNATAKA	13 00+ 2009
Inventor's signature	Ashalela-	Date <u>13 Cc</u> t 2009
Full name :	ASHOK GOPINATH	Declaration dated :
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PATENT REEL: 023495 FRAME: 0458

Customer No. 70465 P005540/RD/MJL, Page 2

Inventor's signature		Date
Full name:	STEVEN J. SCHMIEG	Declaration dated:
Residence :	TROY, MICHIGAN	<u> </u>

PATENT
RECORDED: 11/10/2009 REEL: 023495 FRAME: 0459