

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Anthony H. Heap	09/16/2008
John L. Lahti	09/15/2008
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
City:	Detroit
State/Country:	MICHIGAN
Postal Code:	48265-3000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12233924
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ATTORNEY DOCKET NUMBER:	P000190/PTH/RRM(GMC6231)
NAME OF SUBMITTER:	Mona-Lisa Cichosz
Total Attachments: 1 source=Assignment-P000190#page1.tif	

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PATENT
REEL: 021557 FRAME: 0259

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 P000190/PTH/RRM entitled

METHOD AND APPARATUS TO CONTROL WARM-UP OF AN EXHAUST AFTERTREATMENT SYSTEM FOR A HYBRID POWERTRAIN

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney VINCENT A. CICHOSZ to insert the application number and filing date of said application here in parentheses (12/233,924 filed 19-SEP-2008) 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
60/985980	07-NOV-2007

Inventor's signature	<u>Anthony H. Heap</u>	Date	<u>2008/09/16</u>
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Full name : ANTHONY H. HEAP

Declaration dated :

Residence : ANN ARBOR, MICHIGAN

2008/09/16

Inventor's signature	<u>John L. Lahti</u>
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Date Sept. 15, 2008

Full name : JOHN L. LAHTI

Declaration dated :

Residence : NOVI, MI

Sept. 15, 2008