PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Anthony H. Heap	09/16/2008

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:	12236546

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P003127/PTH/RRM(GMC7251)
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NAME OF SUBMITTER: Mona-Lisa Cichosz

Total Attachments: 1

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PATENT REEL: 021576 FRAME: 0503

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 P003127/PTH/RRM entitled

METHOD FOR PREFERENTIAL SELECTION OF MODE AND GEAR AND INPUT SPEED BASED ON MULTIPLE ENGINE STATE FUELING COSTS FOR A HYBRID POWERTRAIN SYSTEM

filed, I authorize atto	a declaration dated as indicated below rney VINCENT A. CICHOSZ to insect on here in parentheses (12/236,546) when known.	v. If the patent application has been rt the application number and filing filed
If the patent applicati said provisional appli	on has been filed provisionally, the apcation(s) assigned herein are as follow	oplication number and filing date of ws:
US Provisional Serial 60/985364	No Filed 05-NOV-2007	
Inventor's signature	anthony A. Hear	Date 2008 09 16
Full name:	ANTHONY H. HEAP	Declaration dated:
Residence:	ANN ARBOR, MICHIGAN	2008/09/16

RECORDED: 09/24/2008

PATENT REEL: 021576 FRAME: 0504