

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3008340

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTOPHER E. WHITNEY	02/04/2014
ANTHONY H. HEAP	08/22/2014
LUCA SCAVONE	01/28/2014
CORNELIUS HEISLER	02/26/2014
ALEXANDER LEU	03/02/2014
RECEIVING PARTY DATA	
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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:	14161749
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	ANN J. MOTT
SIGNATURE:	/Ann J. Mott/
DATE SIGNED:	09/04/2014
Total Attachments: 10	
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PATENT

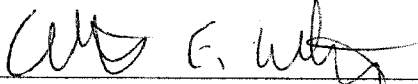
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ASSIGNMENT

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 P022184-PTUS-RRM entitled

DIESEL ENGINE AFTERTREATMENT HEATING AND CLEANING HYBRID OPERATION

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 (14/161,749 filed 23-JAN-2014) when known.

Inventor's signature  Date 2-4-2014

Full name : CHRISTOPHER E. WHITNEY

Residence : COMMERCE, MICHIGAN

Inventor's signature _____ Date _____

Full name : ANTHONY H. HEAP

Residence : ANN ARBOR, MICHIGAN

Inventor's signature _____ Date _____

Full name : LUCA SCAVONE

Residence : MONCALIERI, ITALY

Inventor's signature _____ Date _____

Full name : CORNELIUS HEISLER

Residence : DARMSTADT, GERMANY

Inventor's signature _____ Date _____

Full name : ALEXANDER LEU

Residence : IDSTEIN, GERMANY

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Inventor's signature _____ Date _____

Full name : CHRISTOPHER E. WHITNEY

Residence : COMMERCE, MICHIGAN

Inventor's signature Anthony H. Heap Date 2014/08/22

Full name : ANTHONY H. HEAP

Residence : ANN ARBOR, MICHIGAN

Inventor's signature _____ Date _____

Full name : LUCA SCAVONE

Residence : MONCALIERI, ITALY

Inventor's signature _____ Date _____

Full name : CORNELIUS HEISLER

Residence : DARMSTADT, GERMANY

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Residence : COMMERCE, MICHIGAN

Inventor's signature _____ Date _____

Full name : ANTHONY H. HEAP

Residence : ANN ARBOR, MICHIGAN

Inventor's signature *Luca Scavone* Date 28 JAN 2014

Full name : LUCA SCAVONE

Residence : MONCALIERI, ITALY

Inventor's signature _____ Date _____

Full name : CORNELIUS HEISLER

Residence : DARMSTADT, GERMANY

Inventor's signature _____ Date _____

Full name : ALEXANDER LEU

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Residence : COMMERCE, MICHIGAN

Inventor's signature _____ Date _____

Full name : ANTHONY H. HEAP

Residence : ANN ARBOR, MICHIGAN

Inventor's signature _____ Date _____

Full name : LUCA SCAVONE

Residence : MONCALIERI, ITALY

Inventor's signature Cornelius Heisler

Date 24.2.2014

Full name : CORNELIUS HEISLER

Residence : DARMSTADT, GERMANY

Inventor's signature _____

Date _____

Full name : ALEXANDER LEU

Residence : IDSTEIN, GERMANY

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Residence : MONCALIERI, ITALY

Inventor's signature _____ Date _____

Full name : CORNELIUS HEISLER

Residence : DARMSTADT, GERMANY

Inventor's signature  _____ Date 03.02.2014

Full name : ALEXANDER LEU

Residence : IDSTEIN, GERMANY