## 502665079 02/04/2014

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2711687

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ZAHRA NAZARPOOR	01/16/2014
STEPHEN J GOLDEN	01/16/2014

## **RECEIVING PARTY DATA**

Name:	CLEAN DIESEL TECHNOLOGY INC (CDTI)	
Street Address:	4567 TELEPHONE ROAD	
Internal Address:	SUITE 100	
City:	VENTURA	
State/Country:	CALIFORNIA	
Postal Code:	93003	

## PROPERTY NUMBERS Total: 6

Property Type	Number
Application Number:	14098070
Application Number:	14098084
Application Number:	14090861
Application Number:	14090887
Application Number:	14090915
Application Number:	14090938

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502665079 REEL: 032129 FRAME: 0940

**PATENT** 

ATTORNEY DOCKET NUMBER:	60881-821168	
NAME OF SUBMITTER:	EDWARD F. BEHM, JR.	
Signature:	/Edward F. Behm, Jr./	
Date:	02/04/2014	
Total Attachments: 4 source=Nazarpoor_Golden_Executed_Assignment_011614#page1.tif source=Nazarpoor_Golden_Executed_Assignment_011614#page2.tif source=Nazarpoor_Golden_Executed_Assignment_011614#page3.tif source=Nazarpoor_Golden_Executed_Assignment_011614#page4.tif		

PATENT REEL: 032129 FRAME: 0941

#### ASSIGNMENT

WHEREAS, We, Zahra Nazarpoor and Stephen J. Golden (hereinafter referred to as Assignors), of Camarillo, California, and Santa Barbara, California, respectively, are the named inventors on the U.S. Utility Patent Applications identified in Schedule A (hereinafter referred to as the "Intellectual Property"), and by virtue of being the named inventor, have an ownership interest in the Intellectual Property and any and all inventions disclosed therein; and

WHEREAS, Clean Diesel Technology Inc (CDTi), a corporation organized under and pursuant to the laws of Delaware, having a place of business at 4567 Telephone Road, Suite 100, Ventura, CA 93003 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title, and interest in and to the Intellectual Property, including in and to all inventions disclosed therein and any and all Letters Patent granted or issued therefrom, or claiming priority thereto, in the United States of America and its territories and possessions, and in all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to the said Assignee, the entire right, title and interest for the United States of America and all other countries in and to said applications for all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefore in the United States of America and all other countries on the attached list of Schedule A, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on Schedule A to said assignee herein, as assignee of the entire interest therein; and the undersigned for itself and its legal representatives, heirs and assigns does hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention listed on Schedule A whenever requested, to testify in any interferences or other legal proceedings in which said application or patent may become involved, to sign all lawful papers, make all rightful oaths, and do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said invention listed on Schedule A in the

1

United States of America and all other countries, the expenses incident to said application listed on Schedule A to be borne and paid by said assignee.

**AND** Assignors hereby request and authorize the Commissioner of Patents to issue said Letters Patent to Assignee, its successors, legal representatives, and assigns, in accordance with this Assignment.

Date:	01/16/2014	Signature:	Zahra Nazarpoor
Date:		Signature:	Stenhen J. Golden

United States of America and all other countries, the expenses incident to said application listed on Schedule A to be borne and paid by said assignee.

AND Assignors hereby request and authorize the Commissioner of Patents to issue said Letters Patent to Assignee, its successors, legal representatives, and assigns, in accordance with this Assignment.

Date:		Signature:	Zahra Nazarpoor
Date:	1/16/2014	Signature:	Stephen I. Golden

2

# SCHEDULE A

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RECORDED: 02/04/2014

Appl. No.	Filing Date	Title	B&T Reference
14/098070	DECEMBER 5, 2013	FORMATION AND STABILITY OF CU-MN SPINEL PHASE FOR ZPGM CATALYST SYSTEMS	60881-821168
14/098084	DECEMBER 5, 2013	SYSTEM AND METHODS FOR USING COOPER- MANGANESE- IRON SPINEL AS ZERO PGM CATALYST FOR TWC APPLICATIONS	60881-821169
14/090861	NOVEMBER 26, 2013	SYSTEM AND METHODS FOR USING SYNERGIZED PGM AS A THREE-WAY CATALYST	60881-821129
14/090887	NOVEMBER 26, 2013	OXYGEN STORAGE CAPACITY AND THERMAL STABILITY OF SYNERGIZED PGM CATALYST SYSTEMS	60881-821130
14/090915	NOVEMBER 26, 2013	METHOD FOR IMPROVING LEAN PERFORMANCE OF PGM CATALYST SYSTEMS: SYNERTIZED PGM	60881-821131
14/090938	NOVEMBER 26, 2013	SYSTEMS AND METHODS FOR MANAGING A SYNERGISTIC RELATIONSHIP BETWEEN PGM AND COPPER-MANGANESE IN A THREE WAY CATALYST SYSTEMS	60881-821132

PATENT REEL: 032129 FRAME: 0945