504331316 04/20/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL WEINENGER	04/20/2017
JEFFREY L. RIFFE	04/18/2017
TIMOTHY VEZINA	04/18/2017

RECEIVING PARTY DATA

Name:	FEDERAL-MOGUL LLC
Street Address:	27300 WEST ELEVEN MILE ROAD
City:	SOUTHFIELD
State/Country:	MICHIGAN
Postal Code:	48034

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15493025

CORRESPONDENCE DATA

Fax Number: (844)670-6009

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 248-433-7200

Email: khopf@dickinsonwright.com **DICKINSON WRIGHT PLLC Correspondent Name:** Address Line 1: 2600 WEST BIG BEAVER ROAD

Address Line 2: SUITE 300

Address Line 4: TROY, MICHIGAN 48084-3312

ATTORNEY DOCKET NUMBER: HD-50627/710240-8472 **NAME OF SUBMITTER:** ROBERT L. STEARNS SIGNATURE: /Robert L. Stearns/ **DATE SIGNED:** 04/20/2017

Total Attachments: 4

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> **PATENT** REEL: 042087 FRAME: 0059 504331316

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PATENT REEL: 042087 FRAME: 0060

ASSIGNMENT

WHEREAS, I (WE), Michael Weinenger, Jeffrey L. Riffe and Timothy Vezina (hereinafter referred to as Assignors), residing respectively at 25200 Pierce, Southfield, Michigan 48075; 1250 E. Wattles Road, Troy, Michigan 48085, and 7986 Genson, Northville, Michigan 48168, have invented new and useful improvements in:

PISTON WITH ASYMMETRIC UPPER COMBUSTION SURFACE AND METHOD OF MANUFACTURE THEREOF

which is set forth in an application in the United States having the attorney docket number (HD-50627/710240-8472) and executed on even date herewith:

AND WHEREAS, Federal-Mogul LLC (herein referred to as Assignee), having an address at 27300 West Eleven Mile Road, Southfield, Michigan 48034, is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be grunted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions or substitutions or renewals of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

I (WE) hereby authorize and request the Patent Office Officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and right of the Assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Agreement and sale not been made.

Further, I (WE) agree that I (WE) will communicate to the Assignee or its representatives any facts known to me (us) respecting the invention, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths, and generally do everything possible to aid the Assignee, its successors and assigns, to obtain and enforce proper protection for the invention in the United States and in any foreign countries.

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AND, the undersigned hereby grant(s) the firm of Dickinson Wright PLLC and its attorneys the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

4/26/17		
Date	Name: Michael Weinenger	*********
Date	Name: Jeffrey L. Riffe	
Date	Name: Timothy Vezina	

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

Robert L. Stearns
DICKINSON WRIGHT, PLLC
2600 West Big Beaver Road, Suite 300
Troy, Michigan 48084-3312
(248) 433-7382

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Date	Name: Michael Weinenger
<i>18-Арс-17</i> Date	Name: Jeffrey L. Riffe
Date	Name: Timothy Vezina

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Date	Name: Michael Weinenger	
Date	Name: Jeffrey L. Riffe	
4-18-2017	Jup 1/4/2	
Date	Name: Timpthy Vezina	Witnessen

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