

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Miguel Azevedo</td> <td>01/11/2012</td> </tr> <tr> <td>Warren Boyd Lineton</td> <td>01/20/2012</td> </tr> <tr> <td>Keith Hampton</td> <td>01/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Miguel Azevedo	01/11/2012	Warren Boyd Lineton	01/20/2012	Keith Hampton	01/21/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Federal-Mogul Corporation</td> </tr> <tr> <td>Street Address:</td> <td>26555 Northwestern Highway</td> </tr> <tr> <td>City:</td> <td>Southfield</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48033</td> </tr> </table>		Name:	Federal-Mogul Corporation	Street Address:	26555 Northwestern Highway	City:	Southfield	State/Country:	MICHIGAN	Postal Code:	48033
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CORRESPONDENCE DATA											
Fax Number: (248)433-7274 Phone: 248-433-7200 Email: kpittman@dickinsonwright.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: DICKINSON WRIGHT PLLC Address Line 1: 2600 WEST BIG BEAVER ROAD Address Line 2: SUITE 300 Address Line 4: TROY, MICHIGAN 48084-3312											
ATTORNEY DOCKET NUMBER:	710240-5246										
NAME OF SUBMITTER:	John D. Wright										
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif											

OP \$40.00 13370609

ASSIGNMENT
(Joint Inventors)

WHEREAS, We, Miguel Azevedo, Warran Boyd Lineton, and Keith Hampton (hereinafter referred to as Assignors), residing respectively at 4177 Boulder Pond Drive, Ann Arbor, MI 48108; 2860 S. Knightsbridge Circle, Ann Arbor, MI 48105; 415 Barton Drive, Ann Arbor, MI 48105, have invented new and useful improvements in:

PISTON WITH ENHANCED COOLING GALLERY

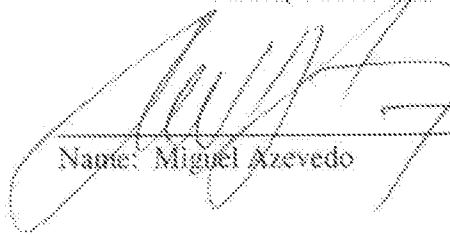
which is set forth in an application in the United States having the attorney docket number (HD-41806/710240-5246) and executed on even date herewith:

AND, WHEREAS, Federal-Mogul Corporation, a Michigan Corporation, with offices at 26555 Northwestern Highway, Southfield, Michigan 48033, is desirous of acquiring right, title and interest in and to said improvements in and to said invention and said applications for Letters Patent of the United States, and in any Letters Patent or Patents, United States or foreign, to be obtained therefore 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 granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions 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.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

01/11/2012
Date


Name: Miguel Azevedo

Date

Name: Warran Boyd Linton

Date

Name: Keith Hampton

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

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

Date

Name: Miguel Azevedo

1/20/2012

Date

W.B. Lineton

Name: Warran Boyd Lineton

Date

Name: Keith Hampton

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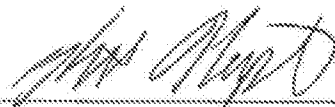
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