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FORM PTO-1595

(Rev. 6-63)

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FR SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeTab settings ☐ ☐ ☐ ☐ ☐

101615981

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Xiluo Zhu

Alan S. Brown

Walter Joseph Griffiths

Miguel N. Azevedo

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Federal-Mogul World Wide, Inc.

Internal Address: _____

Street Address: 26555 Northwestern HighwayCity: Southfield State: MI ZIP: 48034Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: October, 17, 2000, October 23, 2000,
October 27, 2000 and October 17, 2000,
respectively

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/684,127

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert L. Stearns

Internal Address: _____

Street Address: 5291 Colony Drive NorthCity: Saginaw State: MI ZIP: 486036. Total number of applications and patents involved: one7. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed - Check No. 17677☐ Authorized to be charged to deposit account

8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Robert L. Stearns

Name of Person Signing

Signature

January 24, 2001

Date

Total number of pages including cover sheet, attachments, and document: twoMail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231CERTIFICATION 37 C.F.R. 1.8a and 1.10
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I hereby certify that, on the date shown below, this correspondence is being:

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37 C.F.R. 1.8a

☒ with sufficient postage as first class mail.

37 C.F.R. 1.10*

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Date: January 24, 2001

Signature

Nicole R. Schmolitz

(type or print name of person certifying)

PATENT

REEL: 011486 FRAME: 0946

ASSIGNMENT

For the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, Xilou Zhu, Alan S. Brown, Walter Joseph Griffiths, and Miguel N. Azevedo, residing at the addresses indicated below, hereby sell, assign, transfer and set over the entire right, title and interest in **DUAL GALLERY PISTON** for which We have executed on even dates herewith an application for Letters Patent of the United States, together with any and all improvements, divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues, reexaminations and extensions thereof, and all rights to foreign convention priority and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent, as follows:

In all countries except the United States to:

Federal-Mogul Corporation, a Michigan corporation, having its principal place of business at 26555 Northwestern Highway, Southfield, Michigan 48034; and

In the United States to:


Federal-Mogul World Wide, Inc., a Michigan corporation, having its principal place of business at 26555 Northwestern Highway, Southfield, Michigan 48034, a wholly owned subsidiary of Federal-Mogul Corporation.

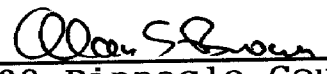
We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent to Federal-Mogul World Wide, Inc., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

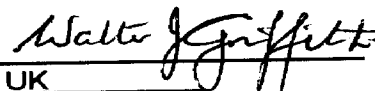
We hereby authorize and request any Official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent to Federal-Mogul Corporation, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

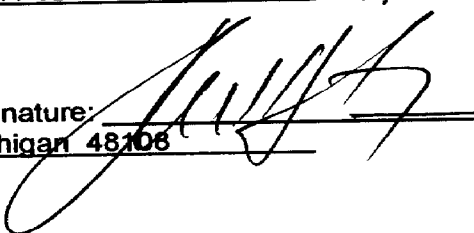
We hereby covenant and agree that We, our heirs, successors, legal representatives and assigns will at any time upon request and at the expense of Federal-Mogul Corporation and/or Federal-Mogul World Wide, Inc., its successors, legal representatives and assigns, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patents therefor, including testify in any legal proceeding.

We hereby represent and warrant that We have not granted any rights inconsistent with the rights granted herein.

Inventor's Name: Xilou Zhu Legal Signature: 
 Inventor's Address: 4969 Ridgeside Circle, Ann Arbor, Michigan 48105
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 Date: Oct. 17, 2000

Inventor's Name: Alan S. Brown Legal Signature: 
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 Date: Oct 23 2000

Inventor's Name: Walter Joseph Griffiths Legal Signature: 
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 Date: 27 October 2000

Inventor's Name: Miguel N. Azevedo Legal Signature: 
 Inventor's Address: 4177 Boulder Pond Drive, Ann Arbor, Michigan 48106
 Citizenship: Brazilian
 Date: Oct. 17, 2000