PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Xiluo Zhu	11/04/2005
Eduardo Hiroki Matsuo	11/06/2005

RECEIVING PARTY DATA

Name:	Federal-Mogul World Wide, Inc.
Street Address:	26555 Northwestern Highway
City:	Southfield
State/Country:	MICHIGAN
Postal Code:	48034

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11185413

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 710240-1053

NAME OF SUBMITTER: Robert L. Stearns

Total Attachments: 1

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OP \$40.00 1118

PATENT REEL: 019611 FRAME: 0414

Attorney Docket No. HD-40227/71024-1053

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, Xiluo Zhu and Eduardo Hiroki Matsuo residing at the addresses indicated below, hereby sell, assign, transfer and set over the entire right, title and interest in ONE PIECE CAST STEEL MONOBLOC PISTON for which We have executed on 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.
Date: Nov. 4, 2005 Legal Signature: Inventor's Name: Xiluo Zhu
Inventor's Address: 4969 S. Ridgeside Circle, Ann Arbor, MI 48105
Citizenship: USA Date: New . 619, 2005 Legal Signature:
Inventor's Name: Eduardo Hiroki Matsuo Inventor's Address: 4267 Spring Lake Blvd., Ann Arbor, MI 48108 Citizenship: USA
Date: Legal Signature: Legal Signature:
Inventor's Address:

Citizenship:

RECORDED: 07/26/2007

PATENT REEL: 019611 FRAME: 0415