PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Weiming Liu | 07/26/2007 |
| Rodney G. Silvey | 07/29/2007 |
| Jason Heath Mahan | 07/30/2007 |

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: | 29358424 |

CORRESPONDENCE DATA

Fax Number: (248)433-7274

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 248-433-7200

Email: amoscowitz@dickinsonwright.com
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Address Line 1: 38525 WOODWARD AVENUE

Address Line 2: SUITE 2000

Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48304-2970

| ATTORNEY DOCKET NUMBER: | 710240-5107 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | Craig A. Phillips |

Total Attachments: 2

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PATENT REEL: 024146 FRAME: 0900 OF \$40.00 29358424

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PATENT REEL: 024146 FRAME: 0901

Attorney Docket No. FR-40809-11 (710240-3669)

ASSIGNMENT

| For the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and suffice | ciency |
|---|-----------|
| of which is hereby acknowledged, We, Weiming Liu, Rodney G. Silvey and Jason Heath Maha | n |
| residing at the addresses indicated below, hereby sell, assign, transfer and set over the entire right, t | itle and |
| interest in BRAKE FRICTION PAD for which We have executed on a | n |
| application for Letters Patent of the United States, together with any and all improvements, division | ıs, |
| renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reis | sues, |
| 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 | gn 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:

Citizenship: US

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 Pátent 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 herein. Date: July 26, 200 Inventor's Name: Weiming Liu Inventor's Address: 2228 California Ave., Wind Citizenship: CA | Legal Signature: Lor, Ontario, CA N9B 3V5 |
|--|--|
| Date: | Legal Signature: |
| Inventor's Name: Rodney G. Silvey | |
| Inventor's Address: 120 Jager Drive, Cookeville Citizenship: US | e, TN 38506 |
| Date: | Legal Signature: |
| Inventor's Name: Jason Heath Mahan | |
| Inventor's Address: 1751 Union Camp Road, L. | afayette, TN 37083 |

PATENT

ASSIGNMENT

| For the sum of One Dollar (\$1.00), and other good and of which is hereby acknowledged, We, Weiming Liu, I residing at the addresses indicated below, hereby sell, as interest in BRAKE FRICTION PAD for which We has application for Letters Patent of the United States, together remains and continuations thereof, and all Letters Pater reexaminations and extensions thereof, and all rights to Letters Patent which may hereafter be filed for said imputunited States, and all Letters Patent, as follows: | Rodney G. Silvey and Jason Heath Mahan sign, transfer and set over the entire right, title and we executed on an er with any and all improvements, divisions, at which may be granted thereon and all reissues, foreign convention priority and applications for |
|--|--|
| In all countries except the United States to: Federal-Mogul Corporation, a Michigan corpor 26555 Northwestern Highway, Southfield, Mic In the United States to: Federal-Mogul World Wide, Inc., a Michigan of 26555 Northwestern Highway, Southfield, Michigan Green Federal-Mogul Corporation. | higan 48034; and orporation, having its principal place of business at |
| We hereby authorize and request the Commissioner of Fall Letters Patent to Federal-Mogul World Wide, Inc., it accordance with the terms of this instrument. | ratents and Trademarks of the United States to issue s successors, legal representatives and assigns, in |
| We hereby authorize and request any Official of any couwhose duty it is to issue patents on applications as afore Corporation, its successors, legal representatives and assinstrument. | said, to issue all Letters Patent to Federal-Mogul |
| We hereby covenant and agree that We, our heirs, succe time upon request and at the expense of Federal-Mogulation, its successors, legal representatives and assigns, ex lawful acts that may be necessary or desirable to perfect Patents therefor, including testify in any legal proceeding | Corporation and/or Federal-Mogul World Wide, ecute and deliver any and all papers and do all the title to said invention and to obtain Letters |
| We hereby represent and warrant that We have not grant herein. | ed any rights inconsistent with the rights granted |
| Inventor's Name: Weiming Liu Inventor's Address: 2228 California Ave., Windsor, O Citizenship: CA | |
| Inventor's Name: Rodney G. Silvey Inventor's Address: 120 Jager Drive, Cookeville, TN 3 Citizenship: US | |
| Date: 7-30-2007 Lega Inventor's Name: Jason Heath Mahan | 1 Signature: Josep Henth Mach |

Inventor's Address: 1751 Union Camp Road, Lafayette, TN 37083

Citizenship: US

RECORDED: 03/26/2010

PATENT REEL: 024146 FRAME: 0903