

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|---------------------------------|---------------|---------------------------------|---------------------|--------------|--------------|-------------------|-------------------|------------|--------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shinya ASAURA</td> <td>09/28/2009</td> </tr> <tr> <td>Tomihisa ODA</td> <td>09/28/2009</td> </tr> <tr> <td>Shunsuke TOSHIOKA</td> <td>09/28/2009</td> </tr> <tr> <td>Yutaka TANAI</td> <td>09/28/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Shinya ASAURA | 09/28/2009 | Tomihisa ODA | 09/28/2009 | Shunsuke TOSHIOKA | 09/28/2009 | Yutaka TANAI | 09/28/2009 |
| Name | Execution Date | | | | | | | | | | |
| Shinya ASAURA | 09/28/2009 | | | | | | | | | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>TOYOTA JIDOSHA KABUSHIKI KAISHA</td> </tr> <tr> <td>Street Address:</td> <td>1, Toyotacho</td> </tr> <tr> <td>City:</td> <td>Toyota-shi, Aichi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>471-8571</td> </tr> </table> | | Name: | TOYOTA JIDOSHA KABUSHIKI KAISHA | Street Address: | 1, Toyotacho | City: | Toyota-shi, Aichi | State/Country: | JAPAN | Postal Code: | 471-8571 |
| Name: | TOYOTA JIDOSHA KABUSHIKI KAISHA | | | | | | | | | | |
| Street Address: | 1, Toyotacho | | | | | | | | | | |
| City: | Toyota-shi, Aichi | | | | | | | | | | |
| State/Country: | JAPAN | | | | | | | | | | |
| Postal Code: | 471-8571 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12598204</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12598204 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12598204 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000 Email: ajoya@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 349825US | | | | | | | | | | |
| NAME OF SUBMITTER: | Abdul Joya | | | | | | | | | | |
| Total Attachments: 1 source=349825USAssignment#page1.tif | | | | | | | | | | | |

OP \$40.00 12598204

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PATENT
REEL: 023476 FRAME: 0225

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

TOYOTA JIDOSHA KABUSHIKI KAISHA

(Insert
ASSIGNEE's
Name(s)
Address(es))

1, Toyotacho, Toyota-shi, Aichi, 471-8571 Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of
Invention)

AQUEOUS UREA SOLUTION FEED DEVICE OF AN INTERNAL COMBUSTION ENGINE

relating to International Patent Application PCT/JP 2009 / 052443 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____;

(b) filed on 10/30/2009;

Serial No. 12 / 598,204;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

| | | |
|--|----------------------------------|------------------------------|
| 1) <u>Shinya Asaura</u> (SIGNATURE) | Shinya Asaura (TYPE NAME) | September 28, 2009 (DATE) |
| 2) <u>Tomihisa Oda</u> (SIGNATURE) | Tomihisa Oda (TYPE NAME) | September 28, 2009 (DATE) |
| 3) <u>Shunsuke Toshioka</u> (SIGNATURE) | Shunsuke Toshioka (TYPE NAME) | September 28, 2009 (DATE) |
| 4) <u>Yutaka Tanai</u> (SIGNATURE) | Yutaka Tanai (TYPE NAME) | September 28, 2009 (DATE) |
| 5) _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |
| 6) _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |
| 7) _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |
| 8) _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |

PATENT

RECORDED: 11/05/2009

REEL: 023476 FRAME: 0226