

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Masaya WATANABE</td> <td>07/02/2013</td> </tr> <tr> <td>Shoji KITANOYA</td> <td>07/02/2013</td> </tr> <tr> <td>Daisuke ICHIKAWA</td> <td>07/02/2013</td> </tr> <tr> <td>Masahiro YAMASHITA</td> <td>07/02/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Masaya WATANABE | 07/02/2013 | Shoji KITANOYA | 07/02/2013 | Daisuke ICHIKAWA | 07/02/2013 | Masahiro YAMASHITA | 07/02/2013 |
| Name | Execution Date | | | | | | | | | | |
| Masaya WATANABE | 07/02/2013 | | | | | | | | | | |
| Shoji KITANOYA | 07/02/2013 | | | | | | | | | | |
| Daisuke ICHIKAWA | 07/02/2013 | | | | | | | | | | |
| Masahiro YAMASHITA | 07/02/2013 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| Name: | NGK SPARK PLUG CO., LTD. | | | | | | | | | | |
| Street Address: | 14-18, Takatsuji-cho, Mizuho-ku, | | | | | | | | | | |
| Internal Address: | Nagoya | | | | | | | | | | |
| City: | Aichi | | | | | | | | | | |
| State/Country: | JAPAN | | | | | | | | | | |
| Postal Code: | 4678525 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13978038</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13978038 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13978038 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
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| Email: | USPTO@leasonellis.com | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 01008/003379-US0 | | | | | | | | | | |
| NAME OF SUBMITTER: | Kazue Kubo for MCG | | | | | | | | | | |

OP \$40.00 13978038

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|--|--------------|
| Signature: | /kazue kubo/ |
| Date: | 07/02/2013 |
| Total Attachments: 3 source=Assignment_3379#page1.tif source=Assignment_3379#page2.tif source=Assignment_3379#page3.tif | |

ASSIGNMENT

I, Masaya WATANABE, a citizen of Japan, having a residence of 872-5 Kitatoyama, Komaki-shi, Aichi, JAPAN;

I, Shoji KITANOYA, a citizen of Japan, having a residence of 1-6-3 Tamanodai, Kasugai-shi, Aichi, JAPAN;

I, Daisuke ICHIKAWA, a citizen of Japan, having a residence of 3987 Dota, Kani-shi, Gifu, JAPAN; and

I, Masahiro YAMASHITA, a citizen of Japan, having a residence of 1063 Iwasaki, Komaki-shi, Aichi, JAPAN

(hereinafter "ASSIGNORS") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNORS by

NGK SPARK PLUG CO., LTD.

a Corporation having a place of business at 14-18, Takatsuji-cho, Mizuho-ku, Nagoya, Aichi 4678525, Japan (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world** in and to our Invention entitled:

COMBUSTIBLE GAS DETECTION DEVICE

invented by us and described by the above title and docket number in the United States of America; and all patents, divisions, reissues, continuations, continuations-in-part and any extensions thereof and rights of priority therein, said interest being our entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

Attorney Docket No.: 01008/003379-US0

And for the consideration aforesaid, we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and we hereby appoint every present or future officer of said ASSIGNEE as our agent to sign all such papers and to do all such necessary acts on our behalf, to the fullest extent permitted by law;

And we hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

We declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that we have signed this document as our own free act and that all of the foregoing is true and correct.

Dated: July 2, 2013

Masaya Watanabe
Masaya WATANABE, Inventor

Attorney Docket No.: 01008/003379-US0

Dated: July 2, 2013

Shoji Kitanooya
Shoji KITANOYA, Inventor

Dated: July 2, 2013

Daisuke Ichikawa
Daisuke ICHIKAWA, Inventor

Dated: July 2, 2013

Masahiro Yamashita
Masahiro YAMASHITA, Inventor