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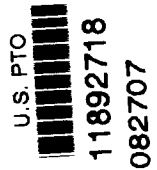
To the Director of the U.S. Patent and Trademark Office

the new address(es) below.

1. Name of conveying party(ies):

Tatsuya OKUMURA
Satoshi ISHIKAWA
Takehiro OBA
Tomohiko FUNAHASHI

2. Name and address of receiving party(ies):

NGK SPARK PLUG CO., LTD.
14-18, Takatsuji-cho, Mizuho-ku,
Nagoya, Aichi, JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution

Date(s): August 8, 2007

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Joint Research Agreement
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

☒ This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

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August 27, 2007

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Assignment

Whereas, I/We, Tatsuya OKUMURA; Satoshi ISHIKAWA; Takehiro OBA; and Tomohiko FUNAHASHI c/o NGK SPARK PLUG CO., LTD., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya, Aichi, Japan, respectively, hereinafter called assignor(s), have invented certain improvements in GAS SENSOR and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, NGK SPARK PLUG CO., LTD., of 14-18, Takatsuji-cho, Mizuho-ku, Nagoya, Aichi, Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number _____ and Confirmation number _____, filed _____) the application number and filing date of said application when known.

Date: August, 8, 2007 Tatsuya Okumura
s/Tatsuya OKUMURA

Date: August 8, 2007 Satoshi Ishikawa
s/Satoshi ISHIKAWA

Date: August, 8, 2007 Takehiro Oba
s/Takehiro OBA

Date: August, 8, 2007 Tomohiko Funahashi
s/Tomohiko FUNAHASHI

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