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

or the new address(es) below.

1. Name of conveying party(ies)

Hiroyuki Kuno
Katsuki Aoi

2. Name and address of receiving party(ies)

Name: NGK Spark Plug Co., Ltd.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

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

Execution Date(s) February 16, 2006

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

Street Address: 14-18 Takatsuji-cho Mizuho-ku

City: Nagoya

State: _____

Country: JAPAN Zip: 467-8525

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

4. Application or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark Kusner

Internal Address: KUSNER & JAFFE

Street Address: Highland Place - Suite 310

6151 Wilson Mills Road

City: Highland Heights

State: Ohio Zip: 44143

Phone Number: 440 684-1090

Fax Number: (440) 684-1095

Email Address: mkusner@kusnerjaffe.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 6537
Expiration Date 10/08

b. Deposit Account Number 50-0537 (add'l charges only)

Authorized User Name Mark Kusner

9. Signature:

Signature

February 21, 2006

Date

Mark Kusner, Reg. No. 31,115

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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ATTACHMENT FOR RECORDATION FORM COVER SHEET
PATENTS ONLY (Form PTO-1595)

112919 U.S. PTO
11/359894



1. Name of conveying party(ies):

Noriaki Kondo

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached?

☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: 02/16/06

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No

For: U.S. Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

Hiroyuki Kuno
Kausgai, Aichi
JAPAN
Nationality: Japan

Katsuki Aoi
Kani, Gifu
JAPAN
Nationality: Japan

Noriaki Kondo
Kasugai, Aichi
JAPAN
Nationality: Japan

hereby sell, assign and transfer to

ASSIGNEE:

NGK Spark Plug Co., Ltd.
14-18 Takatsuji-cho Mizuho-ku
Nagoya 467-8525
JAPAN
State or Country of Formation: Japan

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the invention entitled:

KNOCK SENSOR

and which is found in (37 C.F.R. Section 3.21) U.S. patent application executed on even date herewith and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Assignment of Invention--page 1 of 2

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand on the date(s) set forth below.

Date: 02/16, 2006

H. Kuno
Signature of Hiroyuki Kuno

Date: 02/16, 2006

K. Aoi
Signature of Katsuki Aoi

Date: 02/16, 2006

Noriaki Kondo
Signature of Noriaki Kondo