



01-13-2000



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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Tomonori NIWA and Tetsuji YOGO

Additional name(s) of conveying party(ies) attached?
___ yes ___ x no

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

Name:
NGK SPARK PLUG CO., LTD.
Internal Address:
14-18, Takatsuji-cho, Mizuho-ku, Nagoya, Aichi, Japan
Street Address:
Same as above

3. Nature of Conveyance:

 Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other

City State Zip

Additional name(s) & address(es) attached?
___ yes ___ x no

Execution Date: December 7, 1999

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:

A. Patent Application No.(s) | B. Patent No(s).

09/417,208

Additional numbers attached? Yes x No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:
One (1)

7. Total Fee (37 CFR 3.41): \$ 40.00 *E*
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.

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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Waddell A. Biggart
Name Waddell A. Biggart Reg. No. 24,861 January 10, 2000
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
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01/11/2000 YGIZAW 00000111 09417208

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ASSIGNMENT

Whereas, I/We, **Tomonori NIWA and Tetsuji YOGO** of c/o **NGK SPARK PLUG CO., LTD., 14-18 Takatsuji-cho, Mizuho-ku, Nagoya, Aichi, Japan**

hereinafter called assignor(s), have invented certain improvements in

METHOD OF MANUFACTURING SPHERICAL BODIES BY ROTATION, SPHERICAL BODIES MADE BY THE METHOD AND A POWDER COMPOSITION FOR USE IN THE METHOD

and executed an application for Letters Patent of the United States of America therefor on

December 7, 1999; 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 Commissioner of Patents 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 my attorneys **SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC** of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number **09/417,208**, filed **October 13, 1999**) the filing date and application number of said application when known.

Date: December 7, 1999

s/ Tomonori Niwa
Tomonori NIWA

Date: December 7, 1999

s/ Tetsuji Yogo
Tetsuji YOGO

Date: _____

s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)8/92