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To the Honorable Commissioner of Patents and Trademarks

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original documents or copy thereof.

1. Name of conveying party(ies):

**Shindo Watanabe  
Masahiro Konishi**

Additional names(s) of conveying party(ies)  Yes  No

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

Name: **NGK Spark Plug Co., Ltd.**

Address: **4-3-17, Ohsu, Naka-ku**

City: **Nagoya**

State/Prov.: \_\_\_\_\_

Country: **JAPAN**

ZIP: **460-0011**

Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: **November 28, 2000**

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No.

Filing date

B. Patent No.(s)

**09/696,547**

**October 25, 2000**

Additional numbers  Yes  No

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

Name: **David D. Murray**

Registration No. **28,647**

Address: **1000 Victors Way, Suite 100**

City: **Ann Arbor**

State/Prov.: **MI**

Country: **U.S.A.**

ZIP: **48108-2744**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

**23-1925**

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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.

**David D. Murray**

**January 15, 2001**

Name of Person Signing

Signature

**3**

Date

Total number of pages including cover sheet, attachments, and

**PATENT**

## ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS THAT WE, SHINDO WATANABE residing at 1-13-406, Horita-dori, Nagoya, Aichi, Japan and MASAHIRO KONISHI residing at 6-302, Takakura-cho, Kariya, Aichi, Japan, for good and valuable consideration given by NGK SPARK PLUG CO., LTD., a corporation duly organized and existing under and by virtue of the laws of Japan, have sold, assigned, granted, and conveyed, and by these presents do hereby sell, assign, grant, and convey unto the said NGK SPARK PLUG CO., LTD., all right, title, and interest for the territory of the United States, dependencies and possessions of the United States, and all foreign countries, in and to a certain invention entitled SILICON NITRIDE SINTERED BODY, PROCESS FOR PRODUCING THE SAME, CERAMIC HEATER EMPLOYING THE SILICON NITRIDE SINTERED BODY AND GLOW PLUG CONTAINING THE CERAMIC HEATER, more fully shown and described in an application for Letters Patent of the United States filed October 25, 2000 and assigned Serial No. 09/696,547, and also all right, title, and interest in, to, and under any and all Letters Patent which may be granted therefor and all divisions, reissues, continuations, and extensions thereof.

TO HAVE AND TO HOLD to the said NGK SPARK PLUG CO., LTD., its successors or assigns, for its or their own use and behalf.

We hereby covenant that we have the full right to sell, assign, grant, and convey the interest herein assigned and we agree that at NGK SPARK PLUG CO., LTD.'s expense that we will communicate to said NGK SPARK PLUG CO., LTD., or its representatives, any facts known to ourselves respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all foreign, divisional, continuing, and reissue applications, make all rightful oaths, and generally do everything possible to aid said NGK SPARK PLUG CO., LTD., its successors, assigns, and nominees to obtain and enforce proper patent protection for said

invention in the United States, its dependencies and possessions, and all foreign countries, and we hereby authorize and request the Commissioner of Patents to issue all United States Letters Patent which may be granted upon said application or resulting from said invention to the said NGK SPARK PLUG CO., LTD., as assignee.

The undersigned hereby grants the firm of BRINKS HOFER GILSON & LIONE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 28 day of November, 2000.

28 Nov. 2000  
Date

Shindo Watanabe  
Shindo Watanabe

28 Nov. 2000  
Date

Katsuhisa Yabuta  
Witness

28 Nov. 2000  
Date

Mitsutaka Yoshida  
Witness

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this 28 day of November, 2000.

28 Nov. 2000  
Date

Masahiro Konishi  
Masahiro Konishi

28 Nov. 2000  
Date

Katsuhisa Yabuta  
Witness

28 Nov. 2000  
Date

Mitsutaka Yoshida  
Witness