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U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

09/23/2011



ET

NG10342WO(US)

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

103633277

documents or the new address(es) below.

**1. Name of conveying party(ies)**

Katsutoshi Nakayama  
Nobuaki Sakayanagi

**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) 09/20/2011

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

Street Address: 1418 Takatsuji

Mizuho, Nagoya

City: Aichi

State: \_\_\_\_\_

Country: JAPAN Zip: \_\_\_\_\_

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

**4. Application 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 to whom correspondence concerning document should be mailed:**

Name: Michael A. Jaffe, Kusner & Jaffe

Internal Address: \_\_\_\_\_

Street Address: Paragon Center II

6150 Parkland Boulevard, Suite 105

City: Mayfield Heights

State: OH Zip: 44124

Phone Number: (440) 684-1090

Fax Number: (440) 684-1095

Email Address: \_\_\_\_\_

**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 to deposit account
- Enclosed Form PTO-2038
- None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 50-0537 Additional Fees Only

Authorized User Name \_\_\_\_\_

**9. Signature:**

Michael Jaffe  
Signature

September 21, 2011

Date

Michael A. Jaffe, Registration No. 36,326  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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**PATENT**  
**REEL: 027062 FRAME: 0680**

IAP01Rec'd PGT 21 SEP 2011

13 / 138720

Practitioner's Docket No. NG10342WO(US)

PATENT

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 Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS:**

Name: Katsutoshi Nakayama  
Address: 2-2912 Hara  
Tenpaku-ku  
Nagoya  
Aichi, JAPAN

Nationality: JAPAN

Name: Nobuaki Sakayanagi  
Address: 13 Namiire  
Osaki, Toyohashi  
Aichi, JAPAN

Nationality: JAPAN

hereby sell, assign and transfer to

**ASSIGNEE:**

NGK Spark Plug Co., LTD.  
1418 Takatsuji  
Mizuho, Nagoya  
Aichi, JAPAN

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:

**METHOD OF MANUFACTURING SPARKPLUGS**

and which is found in (37 C.F.R. Section 3.21)  U.S. patent application executed on even date herewith or  in Application No. \_\_\_\_\_, filed on \_\_\_\_\_ 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.

ASSIGNORS further covenant that ASSIGNEE will, upon their 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 their legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue

Assignment of Invention--page 1 of 2

PATENT  
REEL: 027062 FRAME: 0681

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 and seal on the date(s) set forth below.

Date: September 20, 2011

Katsutoshi Nakayama  
Signature of Katsutoshi Nakayama

Date: September 20, 2011

Nobuaki Sakayanagi  
Signature of Nobuaki Sakayanagi