\ocket No.: 8481-020 03 - 31 - 1999U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Modified) (Rev. 6-93) QMB No. 0651-0011 (exp. 4/94) Patent and Trademark Office MAR 2 6 1999 🕏 Copyright 1994-97 LegalStar P08/REV02 Tab settings -101000576 To the Honorable Commissioner atents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Wataru Matsutani Name: NGK SPARK PLUG CO., LTD. Internal Address: ☐ Yes 🔀 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Street Address: 4-3-17, Ohsu, Naka-ku □ Merger Assignment Nagoya, JAPAN 460 ☐ Security Agreement ☐ Change of Name City: _____ State: ___ ZIP; ____ □ Other _____ Execution Date: February 22, 1999 Additional name(s) & address(es) attached?

Yes
No 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: B. Patent No.(s) A. Patent Application No.(s) 09/237,623 5. Name and address of party to whom correspondence Total number of applications and patents involved: concerning document should be mailed: Name: David D. Murray 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Brinks Hofer Gilson & Lione Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Street Address: 1130 Edison Plaza 8. Deposit account number: 03/31/1999 INGUYEN 00000093 09237623 01 FC:581 23-1925 40.00 DP City: Toledo State: 'OH ZIP: 43604 DO NOT USE THIS SPACE 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

Total number of pages including cover sheet, attachments, and document: 1

Name of Person Signing

PATENT

REEL: 9847 FRAME: 0438

ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS THAT I, Wataru Matsutani residing at Nagoya, 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 SPARK PLUG FOR INTERNAL COMBUSTION ENGINE AND METHOD FOR MANUFACTURING THE SAME, more fully shown and described in an application for Letters Patent of the United States, 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.

I hereby covenant that we have the full right to sell, assign, grant, and convey the interest herein assigned and I agree that at NGK SPARK PLUG CO., LTD.'s expense that I will communicate to said NGK SPARK PLUG CO., LTD., or its representatives, any facts known to myself 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 I 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.

PATENT REEL: 9847 FRAME: 0439 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 thi	
22 day of February	, 1999.
	Watan Masutani
<u> 1999 2.22</u> Date	H. Teramura Witness
1999, 2.22 Date	Witness

RECORDED: 03/26/1999