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on. Commissioner of	(83) Bit (45), Wallet (45), Wall offine 53340 (45)

DED/3063/14

To the Hon. Commissioner of	ttached original documents or copy thereof.
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. Name of conveying party(ies):	2. Name and address of receiving party(ies):
ATSUBARA, Masaru	Name: NGK Spark Plug Co., LTD.
	Internal Address:
dditional name(s) of conveying party(ies) attached:Yes _X_No	000
. Nature of conveyance:	
. Natal College Manager	
X Assignment Merger	Street Address: 14-18, Takatsuji-cho, Mizuho-ku,
Security Agreement Change of Name	City: <u>Nagoya-Shi, Aichi-ken 467</u> Country: <u>JAPAN</u>
Other	Additional name(s) & address(es) attached:Yes _X_No
xecution Date: <u>December 8, 1998</u>	
1.0	2.00
. Application number(s) or patent number(s): $0965$	3 <i>7</i> 901
	on, the execution date of the application is: <u>December 8, 199</u>
A. Patent Application No(s).	8. Patent No(s).
A. Patent Apprication hotsy.	o. racin notsy.
Additional numbers at	 ttached?Yes <u>X_</u> No
Additional managers of	To American Transfer of the Control
. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:	
Name: Dougherty & Troxell	7 7 1 1 (27 050 7 (4) 000
Internal Address:	7. Total fee (37 CFR 3.41)\$40.00
	X Enclosed
	Authorized to be charged to deposit account
Street Address: 5203 LEESBURG PIKE	R Deposit Assount Numbers
TWO SKYLINE PLACE, SUITE 600	8. Deposit Account Number:
City: FALLS CHURCH State: VA ZIP: 22041-3401	04-1447
	(Attach duplicate copy of this page if paying by deposit acco
DO NOT USE	E THIS SPACE
9. Statement and signature.	
	ormation is true and correct and any attached copy is a true copy
the original document.	499
David F. Davidson	11/ Many C
David E. Dougherty Name of Person Signing	Signature December 16, 1998  Date
Reg. No. 19,576	

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments, Washington, D. C. 20231

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

## ASSIGNMENT

WHEREAS, I (we). Masaru MATSUBARA

RECORDED: 08/14/2000

whose post office address(es) appear(s) below, hereinafter referred to as Assignor, have invented certain new and useful improvements in SILICON NITRIDE SINTERED BODY, METHOD FOR MANUFACTURING THE SAME,

AND CUTTING INSERT FORMED OF THE SINTERED BODY

AND CUTTING INSERT FORMED OF THE SINTERED BODY

(hereinafter referred to as the Invention) for which an application for United States Letters Patent was

EX executed on even date herewith

executed on:

filed on:

Serial No.:

established by PCT International Patent Application No.:

filed:

WHEREAS. NGK Spark Plug Co., LTD. whose post office address is 14-18 Takatsuji-cho, Mizuho-ku, Nagoya-shi Aichi-ken 467(JP) hereinafter referred to as ASSIGNEE. is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world:

NOW. THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO. Assignor hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said Invention, including additional documents that may be required to affirm the rights of Assignee in and to said Invention, all without further consideration. Assignor also agrees, without further consideration and at Assignee's expense, to identify and communicate to Assignee at Assignee's request documents and information concerning the Invention that are within Assignor's possession or control, and to provide further assurances and testimony on behalf of Assignee that lawfully may be required of Assignor in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. Assignor's obligations under this instrument shall extend to Assignor's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Assignor Name	Address
Masaru MATSUBARA	Ooguchi-cyo, Aichi-ken, JAPAN
Where Signed	c/o NGK Spark Plug Co., LTD.
JAPAN	14-18 Takatsuji-cho, Mizuho-ku,
Dose 8. 1998	Signature Matsurara
	(Notarization preferred but not required)
	<b>55</b> .
D. C	and acknowledged
Before me personally appeared said	day of, 19
utis mattation to our time,	
	Notary Public
	My Comunission Expires:

PATENT REEL: 011025 FRAME: 0404